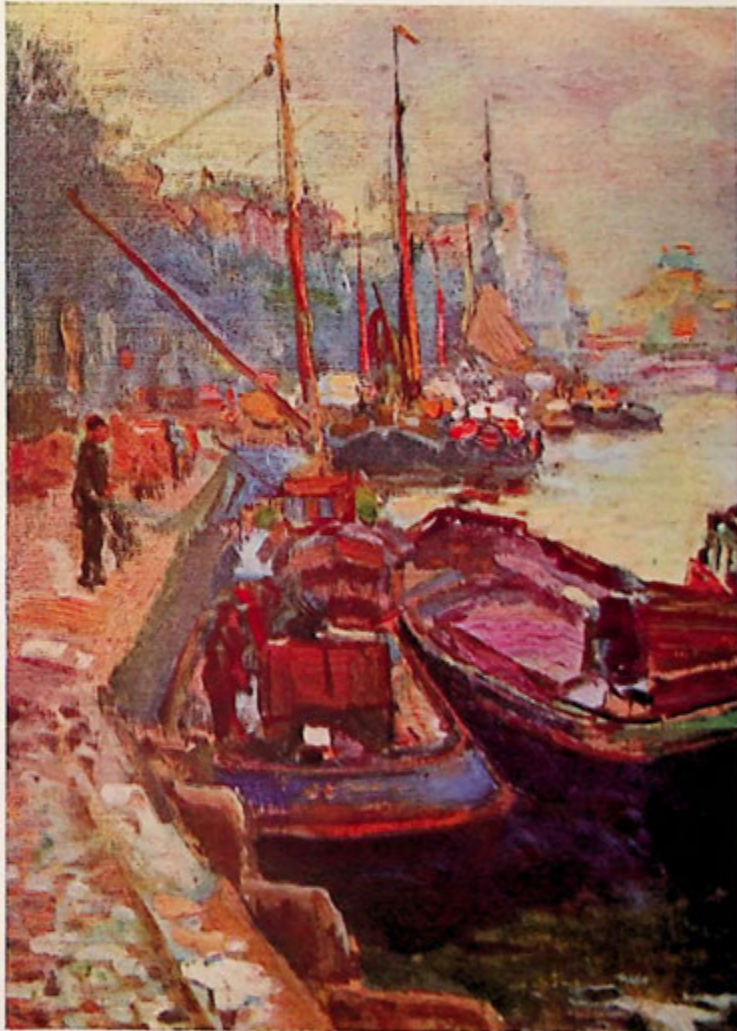


# The Northwestern Miller

APR 1930



LIGHTERS AT ROTTERDAM

Painting by Evert Meijer





If a flour makes good bread in a real bakery, it's a good flour. That's the last test.

Pillsbury has built a real bakery with a commercial high speed mixer, divider, rounder, automatic proofer, moulder, steam box and oven. Every day this practical bakery tries out Pillsbury's Flour for you—uses it just as you use it, under average bake-shop conditions.

When you get Pillsbury's Flour you can know in advance that it will behave as it should—in the same way every day. This cuts costs—you can produce a better loaf at a better profit.

**PILLSBURY'S**  
B A K E R Y F L O U R S



# HT PHOSPHATE *Federal Acid*

SWANN  
RESEARCH, Inc.

THIS division of the Swann Corporation maintains extensive chemical and physical research laboratories at Anniston, Ala., and St. Louis, Mo. Commercial research departments are located at Birmingham, St. Louis and New York. Swann Research, Inc., unifies the research and development work of all Swann subsidiaries and is constantly engaged in the improvement of present products while developing additional chemicals and processes.

DIVISIONS OF THE  
SWANN CORPORATION  
Federal Phosphorus Co.  
Federal Abrasive Co.  
Federal Carbide Co.  
Southern Manganese Corp.  
Provident Chemical Works  
Hitt-Bruff Chemical Co.  
Jax Plant Food Co.



**T**HE purest possible form of phosphoric acid for commercial use is produced by the Federal patented method of condensation and electric precipitation.

Only with Federal Acid is it possible to produce a phosphate which is

always 98% pure and 80 in neutralizing strength.

This is another good "reason why" you can depend upon the consistent fine quality of H. T. Phosphate. Millers everywhere are finding this true.

## PROVIDENT CHEMICAL WORKS

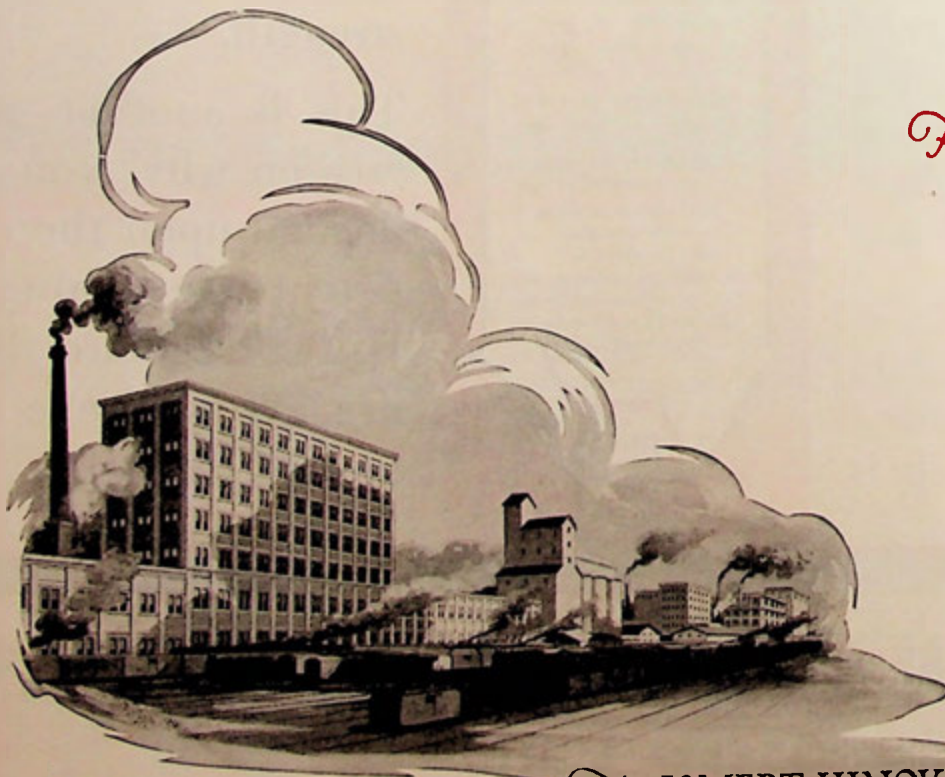
Established 1876

SAINT LOUIS

DIVISION OF THE SWANN CORPORATION  
Birmingham ~ Anniston ~ St. Louis ~ Hoopston



HERE was a time when other millers scolded the management of this company for its "modern" ideas. Yet, as the years have passed, its pioneer "modern" ideas have been adopted everywhere. As it has led in "modernization" of milling and salesmanship, it has been always in the front in fine and sustained quality of every sack and package of its products.



*For Bakers*  
**ORACLE**  
*A Short Patent*  
**THUNDERBOLT**  
*A Reliable Flour*

*The* ISMERT HINCKE MILLING CO.  
 KANSAS CITY, MO.



*... Depend Upon* **BEMIS**  
**MAINSTAY**



*A Twine  
of Quality*

*-to lower your bag closing costs*

Leading mills depend upon Mainstay for hand sewing, for very substantial reasons.

First, they get a maximum yardage per pound. Second, they get twine of unusual strength.

Finally, the packers sew more bags per hour, because Mainstay is soft and free from kinks.

*Suppose we send a generous sample for trial.  
Free, of course. Just write for it.*



**BEMIS BRO. BAG CO., 601 SO. FOURTH ST., ST. LOUIS, U. S. A.**

BOSTON  
BROOKLYN  
BUFFALO  
CHICAGO  
CLEVELAND  
DENVER  
DETROIT

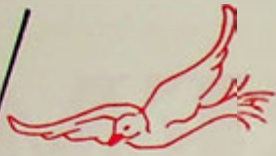
E. PEPPERELL  
HOUSTON  
INDIANAPOLIS  
KANSAS CITY  
LOS ANGELES  
LOUISVILLE  
MEMPHIS

MINNEAPOLIS  
NEW ORLEANS  
NEW YORK CITY  
OKLAHOMA CITY  
OMAHA  
PEORIA  
ST. LOUIS

SALINA  
SALT LAKE CITY  
SAN FRANCISCO  
SEATTLE  
WARE SHOALS  
WICHITA  
WINNIPEG ...



OH  
HELLO



# The **FLAG POLE** **SITTER** *gets nowhere!*

**BUT** the baker who uses Eagle Roller Mill Co.'s Products makes surprising progress. He produces highest quality bread of wonderful color, texture and **FLAVOR**. He gains many new customers because "quality talks." A satisfied customer is a permanent customer.

**G**OLD COIN  
Standard Patent

**D**ANIEL WEBSTER  
Short Patent



**Rye Flours**  
All Grades

**Whole Wheat Flour**  
Any Desired Granulation

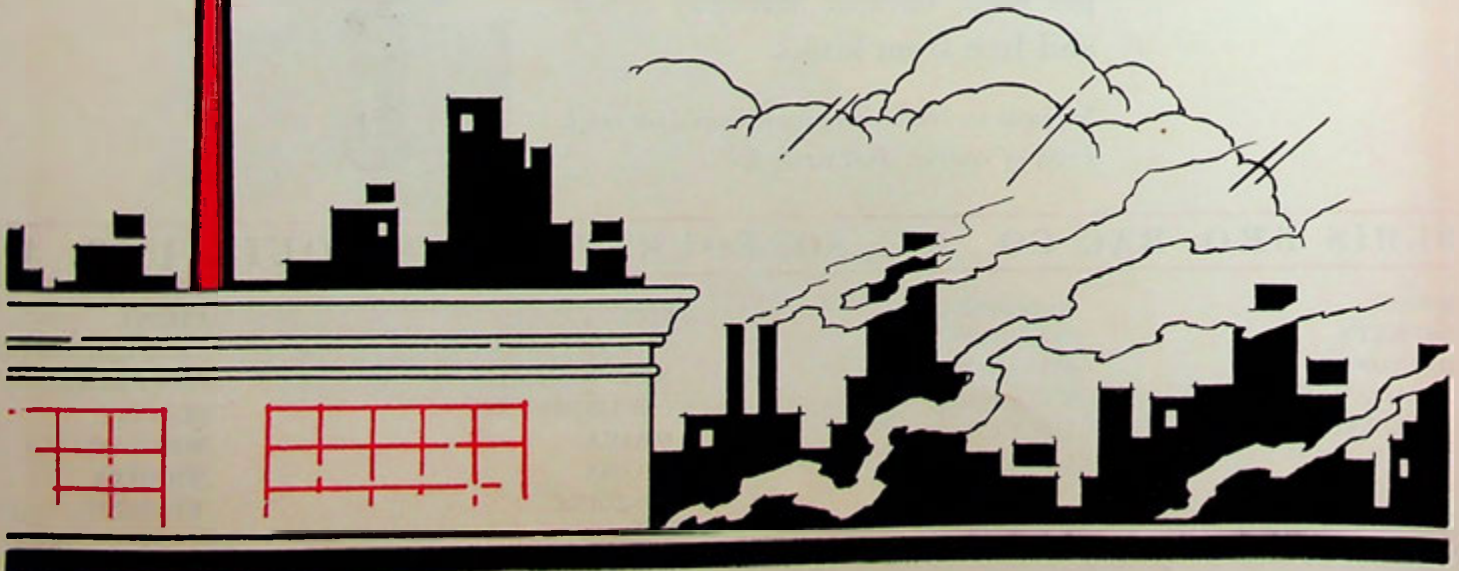
**Pure Silver**  
Fancy Clear

**A FLOUR FOR EVERY PURPOSE**

## EAGLE ROLLER MILL CO.

NEW ULM, MINNESOTA

Daily Capacity—5000 barrels wheat flour; 1000 barrels rye flour  
Elevator Capacity—2,600,000 bushels







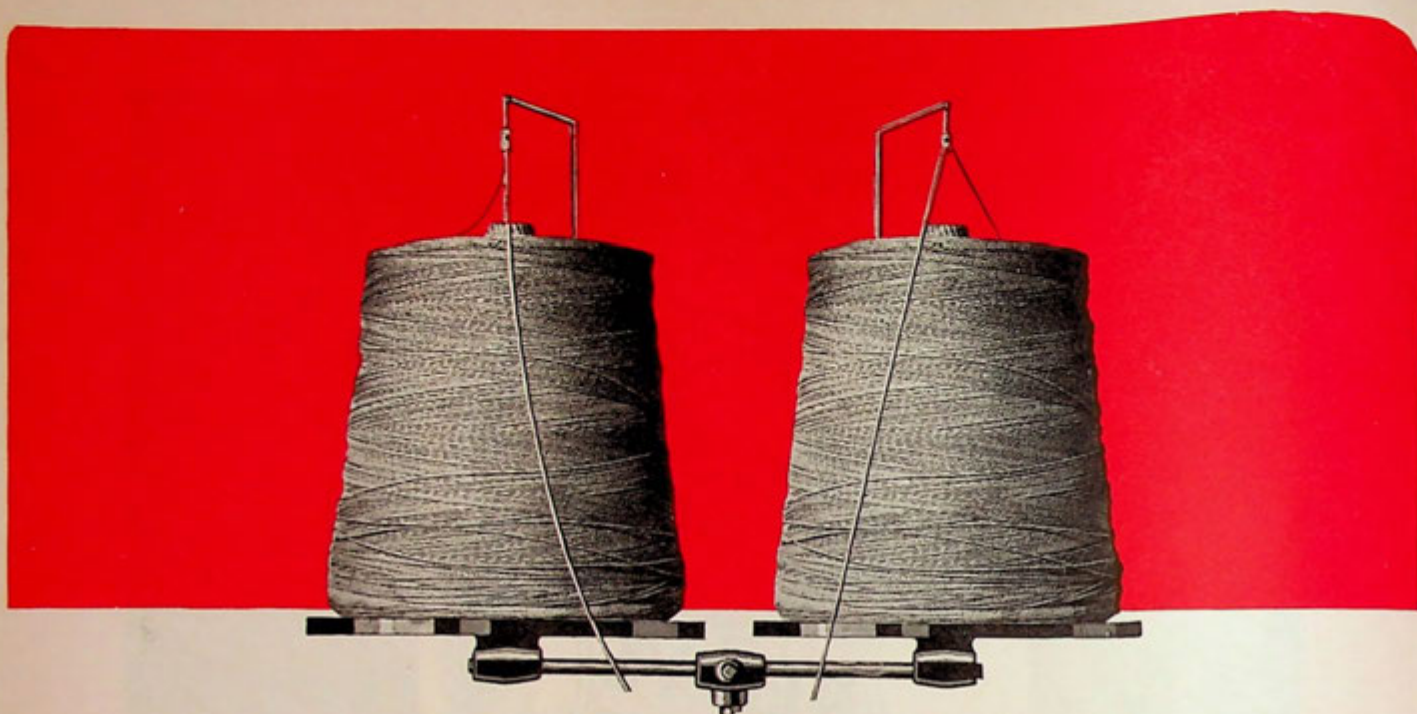
A business such as this, — grown up out of a little 350-bbl mill, could not possibly be built on any other foundation than *Quality of Product.*

*Daily Capacity 2,500 Barrels...*

*Grain Storage Capacity, 1,000,000 Bushels*

*The*  
**WILLIAM KELLY MILLING CO.**  
 HUTCHINSON, KANSAS  
*William Kelly, President*





# HI-SPEED

*stands the jerks and strains*

CHASE "Hi-Speed" Machine Thread was developed for use in packing rooms where top speed is the order of the day. It resists the jerks and strain of a machine running at maximum speed. Only a thread made of long staple cotton,



smooth to the touch, strong and knotless, can stand up under strenuous operations and deliver the contents of the bag in perfect safety. You can secure "Hi-Speed" in 3-ply and 4-ply on 1½ lb. cones with single end.

*Get a sample cone, or better still a trial order, from your nearest Chase Office and test it on one of your busiest days.*

## CHASE BAG CO.

### BRANCHES

Milwaukee Goshen Buffalo Kansas City New Orleans  
 Memphis St. Louis Minneapolis Toledo Dallas

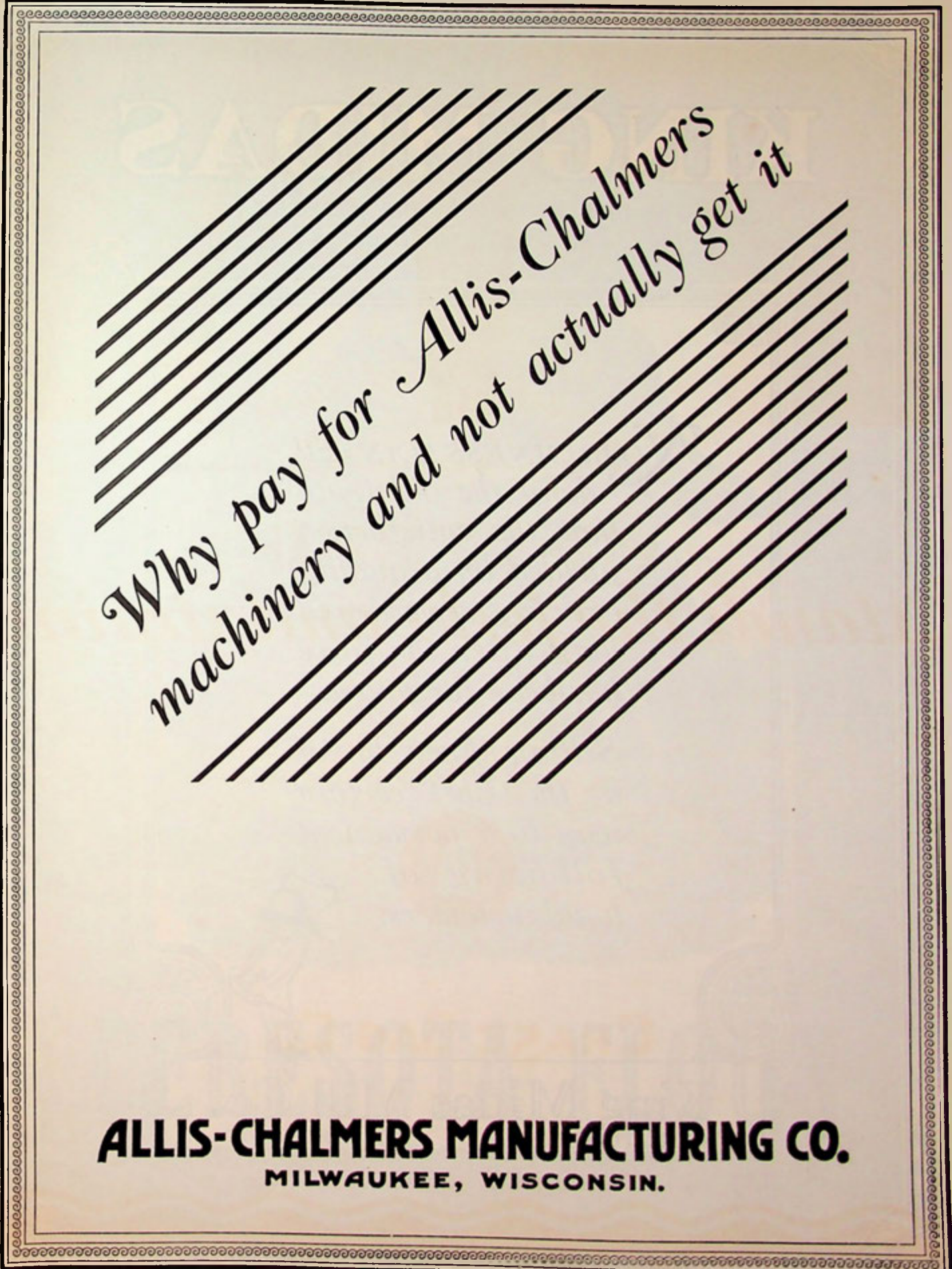
*"Bags of  
 all Kinds"*

### SALES OFFICES

New York Chicago Louisville Detroit Little Rock  
 Charlotte Denver Cleveland Hutchinson Charleston

*Affiliated Company* THE ADAMS BAG COMPANY • Chagrin Falls, Ohio  
 Manufacturers of NEVERBURST Paper Bags





*Why pay for Allis-Chalmers  
machinery and not actually get it*

**ALLIS-CHALMERS MANUFACTURING CO.**  
MILWAUKEE, WISCONSIN.



# KING MIDAS

THE HIGHEST PRICED FLOUR IN AMERICA  
AND WORTH ALL IT COSTS

*NO BUSINESS MAN will deny the old truth that the satisfaction yielded by a quality article is remembered long after the price has been forgotten.*

*Selling finer bread is the most certain way to a permanent following of loyal customers.*



King Midas Mill Co.  
MINNEAPOLIS MINNESOTA



# THE STANDARD OF STANDARDS



# CERESOTA FLOUR

PURE—WHOLESOME—NOT BLEACHED

MADE BY

THE NORTHWESTERN CONSOLIDATED MILLING CO.

H. P. GALLAHER, PRESIDENT

MINNEAPOLIS, MINN., U. S. A.



# LEADING MILLS OF THE SOUTHWEST



*The* Wichita Flour Mills Co.

Wichita, Kansas

WHEAT STORAGE CAPACITY  
ONE MILLION BUSHELS

CAPACITY, 2500 BBLs.

A car of good flour is the miller's best salesman. All we can do by our own sales effort is to *start* the customer on "KANSAS EXPANSION." We count on the flour itself to do the rest.



**Eastern Representatives**

ELLIOTT BROKERAGE CO.,  
Bluefield, W. Va.  
G. J. HANBRINK & CO.,  
407 Merchants' Exch., St. Louis, Mo.  
BULKY-PATTERSON CO., INC.,  
Cumberland, Md.

HARRY D. GAIST, Huntington, W. Va.  
H. C. HAGERMAN,  
2105 Ferry St., Easton, Pa.  
S. R. STRISIK CO., New York City  
W. F. HUTCHINSON,  
Williamson, W. Va.

Representative for Indiana and Ohio  
HUGH MILLER, North Manchester, Indiana

**Southeastern Representatives**

CHAS. M. BRITT CO., Asheville, N. C.

K. H. ADDINGTON, Atlanta, Ga.

FRED BURRALL, Field Manager

Pure Soft Wheat Flour  
FOR  
**CRACKER BAKERS**  
EISENMAYER MILLING CO.  
SPRINGFIELD, MO.



Reg. U.S. Pat. Off.

**Flour Mills of America, Inc.**

KANSAS CITY, U. S. A.  
THE KANSAS FLOUR MILLS CORP., Kansas City, U. S. A.  
VALIER & SPIES MILLING CORP., St. Louis, U. S. A.

*Largest Millers of Hard Winter Wheat in the World*

"Kansas Sunshine" A short patent  
for family  
trade  
"Red Belt" Milled especially  
for the baker  
Milled from hard Turkey wheat  
The Attica Mills, Attica, Kansas



*The*  
**ROBINSON**  
MILLING COMPANY  
SALINA, KANSAS

## ROBIN'S BEST

Sure turnover, sure-fire customer satisfaction, sure trade building, sure baking—all in one good flour.

**ROBINSON MILLING CO.**  
SALINA, KANSAS



**THORO-BREAD**  
THE PERFECT FLOUR  
**FLOUR**  
MADE FROM KANSAS HARD WHEAT  
*A. L. Jacobson, Manager*

THORO-BREAD lives up to its name in every respect. Take some and give it a trial baking and see if it does not behave as you would expect a thoroughbred to.

**THE ARNOLD MILLING CO.**  
STERLING, KANSAS  
New England Office  
315 Reed Building  
Pawtucket, R. I.

**White Crest**  
*The Perfect Flour*

This company does not seek "quantity production." It makes a very high grade flour and sells it at a reasonable price to those who want that kind of flour.

**J. C. LYSLE MILLING COMPANY**  
LEAVENWORTH, KANSAS

*Manufacturers of Quality Flour since 1877*

Chance has nothing to do with the baking and sales value of "HUNTER'S CREAM." It is all good milling, built on half a century of experience out here in the land of perfect wheat.

**THE HUNTER MILLING CO.**  
WELLINGTON, KANSAS





# "Polar Bear" FLOUR IS KING

We quote references as follows: The baker or housewife who ever has used "Polar Bear," and our own fine competitors among the millers of the Southwest.

*The* **NEW ERA MILLING CO.**  
ARKANSAS CITY, KANSAS

*Founded by*  
**ANDREW J. HUNT**  
1899

Discriminating Jobbers and Retailers  
catering to FAMILY TRADE will find

## MOTHER'S BEST FLOUR

especially suited to their requirements.

MOTHER'S BEST is milled from the choicest of Nebraska's hard winter wheat, justly noted for its well balanced mellow gluten.


MOTHER'S BEST is designed especially to please the housewife who bakes her own bread, rolls and cakes.

MOTHER'S BEST will please the small baker who caters to the family trade.

MOTHER'S BEST is made right and priced right. Ask us more about it.

**Nebraska Consolidated Mills Company**  
*Strictly Country Millers, Catering to Family Trade*

Branch Office: 305 Century Bldg., Milwaukee, Wis.  
1513 Sherman Ave., OMAHA, NEBRASKA  
Mills at Omaha, Grand Island, Ravenna, St. Edward and Hastings, Nebraska



Still adhering to the high quality standards which made the name of "Page" an outstanding one in the Southwest half a hundred years ago.

**THOMAS PAGE MILL CO.**  
NORTH TOPEKA, KANSAS  
*Mills 1,200 Bbls. Capacity at Topeka & Manhattan*

**"ARCHER"**  
the Finest Short Patent  
**THE CAIN BIOS. MILLING CO.**  
LEAVENWORTH, KANSAS  
*Open for connection in some markets*

**BLACK BROS. FLOUR MILLS, BEATRICE, NEBRASKA**  
FLOUR 1,000 BBLs. 1883 1929 STOCK FEED 250 TONS

**Riverside Code** FIVE LETTER REVISION ISSUED IN 1929 Per Copy \$12.50  
For sale by all its branches and THE NORTHWESTERN MILLER, Minneapolis, Minn., U. S. A.

**"Sasnak Flour"**  
For Discriminating Eastern Buyers  
**ENNS MILLING CO., Inman, Kan.**



We will, if you ask for them, give you names of flour distributors who have doubled, trebled and quadrupled their flour volume by stocking "Lassen's Perfection."

*The* **Kansas Milling Company**  
WICHITA, KANSAS



Daily Capacity 4,000 Barrels  
Elevator Storage 2,000,000 Bushels





# "KANSAS BEST"

Here is a flour which comes right from where the wheat grows,—from *five* fine, busy, not-very-large mills right exactly where mills should be to get the pick of the choicest wheat grown in the big Turkey wheat territory of Kansas.

4,350 Barrels Daily

## THE CONSOLIDATED FLOUR MILLS CO.

FRED F. BURNS, Vice President and Manager

WICHITA, KANSAS

JOHN H. MOORE  
PRESIDENT



G. M. LOWRY  
SECRETARY

### Old Squire FLOUR

Old Squire Says:

No man in this establishment, either in the office or out in the mill, would dare to come to the boss with a scheme to save money or make more money by cutting the quality of "OLD SQUIRE FLOUR."

The MOORE-LOWRY  
FLOUR MILLS CO.  
KANSAS CITY, U.S.A.

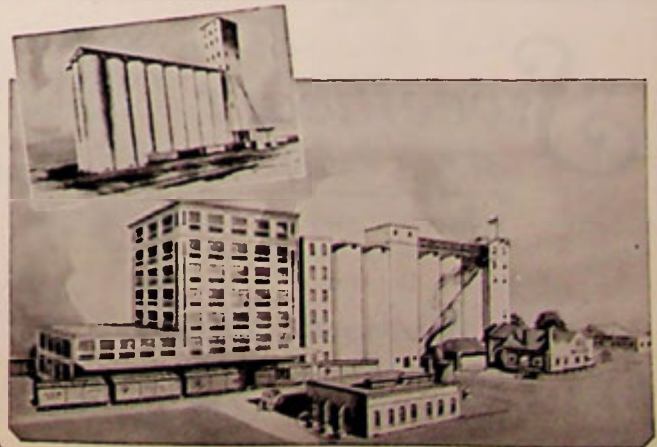
ADDRESS MAIL TO ROSEDALE STATION, KANSAS CITY, KANSAS



2,500,000 bushels of wheat storage is a flour quality guarantee that few millers can give you.

"Big S"  
"Special" "Peacock"

The Shellabarger Mills  
SALINA, KANSAS





**"SLOGAN"**  
*A strong flour made from the finest Oklahoma Hard Turkey Wheat*  
 Canadian Mill & Elevator Co.  
 El Reno, Okla.

OPERATING 1000 barrels daily Write FOR SAMPLES  
 ELEVATORS ENID MILLING CO. ENID, OKLA

**Chickasha Milling Co.**  
 Capacity 800 lbs. CHICKASHA OKLA. Cable Address "Washita"  
 Manufacturers of High-Grade Hard Wheat Flour  
 Foreign and Domestic Trade Solicited  
 Member Millers' National Federation

**Blackburn's Best—Elko—Golden Glory**  
 Three years of pre-dominating quality. High Class connections solicited.  
 BLACKBURN MILLING CO.  
 Mills at Elkhorn, Neb. Omaha, Neb.

**AROMA FLOUR**  
 A most satisfying flour for bakers' use. Milled in an up-to-date country mill.  
 BUHLER MILL & ELEVATOR CO.  
 500 Barrels Capacity BUHLER, KANSAS

**CEDRO FLOUR**  
 MADE IN KANSAS  
 MOUNDRIE MILLING CO.  
 MOUNDRIE, KANSAS.

**Self-Rising Flour**—Milled from choicest wheat bought direct from farmers. Packed under our attractive brand...**"OLD TRAIL"**  
 QUALITY ECONOMY READY SALES The Wilson Flour Mills  
 Wilson, Kansas

**HALSTEAD BOSS**  
 Cream of Kansas Halstead's Bakers  
 Halstead Milling & Elevator Co.  
 (Mill at Halstead)  
 Export Sales Office...Kansas City, Mo.

**"PLAINSMAN"**  
 WHOLE WHEAT FLOUR is sterilized and will keep indefinitely  
 HOYLAND FLOUR MILLS CO.  
 KANSAS CITY, MO.

**HUMRENO**

When the cheaper flour turns out not to be good enough come back to "HUMRENO"

*bakers bank on it!*

**EL RENO MILL & ELEVATOR CO.**  
 EL RENO, OKLAHOMA

Designs on the opposite page were originated and engraved by  
**HOLLAND ENGRAVING CO.**  
 KANSAS CITY MO.

**"Ambassador"**  
 Western Kansas Turkey Wheat Patent

OUR MILL at Larned is far out beyond the softer wheat sections of Kansas, — and where all of the wheat is strong and fine.

**Bowen Flour Mills Co.**  
 Formerly Bowen-Oglesby Milling Co.  
 Main Office: INDEPENDENCE, KANSAS



**LYONS' BEST**  
 From the very heart of Kansas and known for years as one of the very "top notch" short patents.  
**LYONS FLOUR MILLING CO.**  
 LYONS, KANSAS

**KEYSTONE MILLING COMPANY**  
 Capacity, 750 Barrels  
 LARNED - KANSAS

*"That GOOD flour"*  
**HELIOTROPE**  
 OKLAHOMA CITY MILL & ELEVATOR CO.  
 OKLAHOMA CITY, U.S.A.

*"That GOOD Flour"*  
**HELIOTROPE**  
 is milled from choice selected wheat and by a formula that keeps it absolutely uniform. It is the highest grade soft wheat family flour of the south.

**Oklahoma City Mill & Elevator Co.**  
 Oklahoma City, Okla.

**"MERIDIAN"**  
 More and Better Loaves per Barrel  
**Newton Milling and Elevator Co.**  
 NEWTON, KANSAS

**"Sweetheart"**  
**SHORT PATENT FLOUR**  
 Others may vary with the wheat crop quality, but "Sweetheart" is always the same.  
*From finest Turkey wheat*  
**REA-PATTERSON MILLING CO.**  
 "SPARTAN".....Export Brands....."ARISTOCRAT"  
 2400 lbs capacity  
 COFFEYVILLE, KANSAS

**HIGH UTILITY PATENT**

We try to make every sack of  
**UTILITY**  
 worthy of the super-fine wheat from which it is ground.

*The*  
**WALL-ROGALSKY MILLING CO.**  
 \* MEFHERSON, KANSAS \*



This flour is milled only from the very choicest strong wheats of western Oklahoma and the Texas and Oklahoma "Panhandle" country,—the country's next greatest source of high protein hard wheat.



Is Best of All

THE ACME FLOUR MILLS CO. OKLAHOMA CITY, OKLA. U. S. A.

*Better products and more profit!*

*Tested at the mill to insure perfect results in every kind of "home" baking*

**WACO MILL & ELEVATOR CO.**  
WACO, TEXAS

ESTABLISHED 1877—FIFTY YEARS IN BUSINESS

A flour which carries a punch. A quick and ready seller. Watch

*Velvet*

put new life into your business. It's priced right. Try it.

**WALNUT CREEK MILLING CO.**  
GREAT BEND, KANSAS

Established 1898

*Country Milled Flour of the Best Quality*

from the choicest hard winter wheat

**Williamson Milling Company**  
Clay Center, Kansas

**KANSAS MAID—**

A fancy high patent flour milled from strictly dark Turkey Wheat

1,200 Barrels

**Hays City Flour Mills** Hays City, Kansas

**Soothsayer**

SOOTHSAYER is a very fine, short, strong, uniform family flour for those who want the very best flour that can be milled. Compared with ordinarily good patents, the price difference is not as great as the quality difference.

Daily Capacity 1,200 Barrels

**The WILLIS NORTON COMPANY**  
NORTH TOPEKA, KANSAS.  
*Quality Millers Since 1879*





# KANSAS DIAMOND

A very fine flour, which, with any sales effort at all on your part, will greatly increase your flour sales volume.

The KANSAS MILL & ELEVATOR CO.

FRANK KELL, President

ARKANSAS CITY, KANSAS

Formerly  
The ARKANSAS CITY  
MILLING CO.

CAPACITY  
2,000 BARRELS

Better flour for Baker,  
Jobber and Grocer.....

## "HAVASAK"

Security Flour Mills Co.

Operating SECURITY and  
MID WEST mills

W. A. CHAIN, Mgr. ABILENE, KANSAS

## "OLD HOMESTEAD"

Capacity Milled from Western Kansas  
1,200 Bbls High Gluten Wheat

THE DODGE CITY FLOUR MILLS  
Dodge City, Kansas

Bowersock Mills & Power Co.

LAWRENCE, KANSAS  
ZEPHYR FLOUR

AS FINE A BAKING FLOUR AS A  
BAKER CAN BUY AT ANY PRICE  
1,500 BARRELS DAILY

## "CHERRY BELL"

Made exclusively from  
Central Kansas  
Turkey Wheat

N. SAUER MILLING CO.  
CHERRYVALE, KANSAS

BLAIR'S CERTIFIED

For the Family Trade

ALGOMA FOR BAKERS

1,800 Barrels Daily BLAIR MILLING CO.  
700,000 bushels storage capacity ATCHISON, KANSAS

## "Gooch's Best"

Superior quality  
—to make all  
baked things  
better.

Gooch Milling & Elevator Co.  
LINCOLN, NEBRASKA

# BOSS PATENT

There is no reason why our prices and quality should be beaten *anywhere* by *anybody*. We are prepared to contest grade for grade and dollar for dollar in any market.

LUKENS MILLING CO.  
CAPACITY 1000 BARRELS  
ATCHISON, KANSAS

## "SUNKIST" FLOUR

In milling Sunkist Flour, the special needs of the baker are borne in mind. For family use it cannot be surpassed.

It is through the reputation of its fine, strong flours that the name of Maney has become celebrated.

The Maney Milling Co.  
OMAHA, NEBRASKA

## "Whitewater Flour"

Ground Where the  
Best Wheat is Grown

WHITEWATER FLOUR MILLS CO.  
Whitewater, Kansas

## "Betsy's Best"

Milled to Make the Bread Better

ROSS MILLING COMPANY  
Ottawa, Kansas

## "WOLF'S PREMIUM" "GOLDEN KANSAS"

Wolf Flour Wins Favor

WOLF MILLING CO., Ellinwood, Kansas

## "GOLD BOND"

Central Kansas Milling Co.  
LYONS, KANSAS

## "KRAMER'S KREAM" and "K-Y"

TWO splendid flours  
from Kansas that  
are always competitive  
in QUALITY and PRICE.

Topeka Flour Mills Corp.  
Topeka, Kansas

An Excellent Flour at a Fair Price Is

## "WESTERN STAR"

Milled in the Heart of  
the Best Wheat Country

The Western Star Mill Co.  
SALINA, KANSAS

J. J. VANIER, Manager



**"Heart of America"**  
**FLOUR**

The Rodney Milling Co.  
 KANSAS CITY, MO.

Eastern Representatives  
 Seaboard Flour Corporation  
 BOSTON, MASS.

Majestic Milling Co.  
 AURORA, MO.  
 Millers of Soft and Hard  
 WINTER WHEAT FLOUR  
 Live connections wanted in all markets.  
 Capacity, 1,000 Barrels

**"JUBILEE"**  
 FLOUR  
 One of the very best from Kansas  
 The Aurora Flour Mills Co.  
 Successors to Tyler & Company  
 JUNCTION CITY, KANSAS

**American Ace**

—A very fine, short,  
 strong patent, milled  
 in one of the West's  
 very finest flour mills.

Goertz Flour Mills Co.  
 Rudolph A. Goertz, Pres. Newton, Kansas

**Washington Flour Mill**

Millers of Missouri Soft Wheat Flour  
 Kansas Hard Wheat Flour  
 Domestic and Export  
 WASHINGTON, MISSOURI

**"Wichita's Imperial"**

A flour for particular bakers made from  
 Strong Kansas Turkey Wheat.  
 THE IMPERIAL FLOUR MILLS CO.  
 GENERAL OFFICES: WICHITA, KANSAS

**"GOLDEN EAGLE"**  
 Short Patent

The Lindsborg Milling & Elevator Co.  
 LINDSBORG, KANSAS

Frank M. Cole, Gen'l Mgr.  
**FLOUR STORAGE**  
 and **FEED STORAGE**  
 Costs little more than in your own warehouse  
**RADIAL WAREHOUSE CO.**  
 Refer to any banker KANSAS CITY,  
 or miller in Kansas City MO.

**LEADING MILLS OF THE DAKOTAS**

Dakota Maid.....Dakota Pride.....Dakota Warrior  
 PURE SPRING WHEAT FLOURS FOR BAKERS

*It Will Pay You to Get in Touch With Our Representatives!*



**STATE MILL & ELEVATOR**  
 GRAND FORKS

Sands, Taylor & Wood Co.,  
 Boston, Mass.—for New England.  
 Frank R. Prina Corp., 442 Produce Exchange,  
 New York City, N. Y.—Greater New York.  
 H. C. Hagerman, 2105 Ferry St.,  
 Easton, Pa.—for Pennsylvania.  
 Hayward & Co.,  
 317 Chamber of Commerce, Baltimore, Md.  
 J. M. Bour & Co., 323 Erie St.,  
 Toledo, Ohio—for Michigan, Indiana, western  
 Pennsylvania.  
 Wilkins-Rogers Milling Co.,  
 Washington, D. C.  
 C. B. Munday Co.,  
 2264 Transportation Bldg., Chicago, Ill.  
 Kotvis Bros., 657 30th St.,  
 Milwaukee, Wisconsin.

**FARGO MILL COMPANY**

Millers of Hard Spring Wheat  
 Flour made from the famous  
 Red River Valley Wheat.  
 FARGO, N. D.

**CARTER**  
 DISC SEPARATORS

It's a highly profitable operation  
 to reclaim wheat from screenings  
 with disc separation.  
 Carter-Mayhew Mfg. Co. - Minneapolis, Minn.

**Carrier Engineering**  
 Corporation

Offices and Laboratories, Newark, N. J.  
 Edgar S. Miller, Milling Engineer  
 New York, Philadelphia, Boston, Cleveland, Chicago  
 Kansas City, Los Angeles, Washington, Dallas, Detroit

**STORAGE**  
**TRANSIT**

THE KEYSTONE WAREHOUSE CO.  
 Buffalo, N. Y.

SPECIAL PATENT

**WATERTOWN MILLS**  
 CHOICE  
**GARLAND**  
 MADE TO MAKE GOOD  
 STOKES MILLING CO.  
 WATERTOWN, SO. DAK.  
 GARLAND

**Stokes MILLING CO.**  
 WATERTOWN SO. DAK.

**MADE TO MAKE GOOD**

**SUNSHINE**  
 MILLED FROM SELECTED  
 HARD WHEAT  
**SUNSHINE FLOUR**  
 QUALITY STANDARD PATENT

DAILY CAPACITY  
 1200 BARRELS



# LEADING MILLS OF THE ST. LOUIS DISTRICT

ESTABLISHED 1880

## EXPORTERS

*Hard and Soft Wheat Flour*

Our thorough experience in exporting both hard and soft wheat flours is being utilized by numerous importers. If you do not happen to be one of them, let us tell you what we have to offer.



## SHIPPERS

*Good Milling Wheat*

Every miller realizes the value of good milling wheat. St. Louis is a leading milling wheat market, and the services of our organization will assure you the best the market has to offer.

### ANNAN-BURG GRAIN & MILLING CO.

ST. LOUIS, MO.

# AMERICAN BEAUTY



**THE FLOUR** that blooms in your oven.

STANARD TILTON MILLING CO.  
ST. LOUIS ~ ALTON ~ DALLAS.  
DAILY CAPACITY 5000 BARRELS EST. 1857

Leading Soft Wheat Millers Since 1855

## Pure Soft Red Wheat Flours

Milled Exclusively from Illinois and Missouri Soft Wheat

## Ringleader Specialized Types

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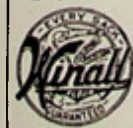
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Manufacturers of hard and soft  
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Correspondence Solicited  
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Pure, Soft Red Winter Wheat Flours  
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Manufacturers of High Grade  
Soft Winter Wheat Flour

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*Dependable Wheat Flours*  
DADDY DOLLAR.....LIBERTY.....SNAPPY  
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*We Supply  
Dependable Flour  
and It's Cheapest  
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*Positive eradication of flour moths, weevils  
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SAFE AND EASY TO USE  
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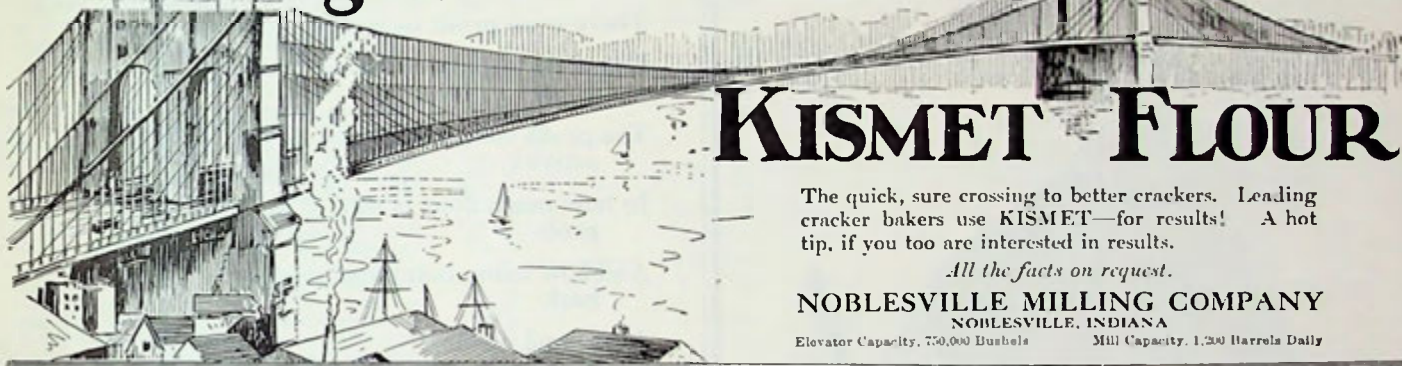
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**100 Years**  
Progressive Milling

**“Extras” Make the Difference!**

TEMPERATURE CONTROL, air conditioning, wheat washing, laboratory supervision of wheat selection and milling—these and many other “Extras” make

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## FLOUR

There is no profit in buying  
Either the highest or lowest priced  
flour.

The profit comes in the sales  
activity,

In how much flour is sold at a  
profit

And how many customers come  
back

Again and again

Because they like the flour so well.

TOWN CRIER

Brings them back for more.



*If there were dreams to sell,  
Merry and sad to tell,  
And the crier rung his bell,  
What would you buy?*

*J. L. Beddoes - 1840*

THE MIDLAND FLOUR MILLING CO.  
KANSAS CITY



# The Northwestern Miller

Established in 1873

MINNEAPOLIS, MINN., U. S. A., APRIL 2, 1930

Volume 162 Number 1

## What Fooled the Farm Board?

**THE accompanying analysis of United States Department of Agriculture forecasts, together with record of actual wheat prices, was not originally prepared for publication, but the statement shows so clearly the premise upon which the action of the Federal Farm Board in "pegging" wheat prices was based that The Northwestern Miller asked for and secured permission to present it for the consideration of its readers.—EDITOR THE NORTHWESTERN MILLER.**

THE Department of Agriculture embraces a large and distinguished group of men and women. Its rolls account for some 22,000 persons. To suggest that in science, economics or philosophy one were more eminent than another might seem invidious. But if there be among them any seventh sons of seventh sons upon whom the spirit of prophecy has descended, their presence is not manifest by their works. It is quite evident, however, that for some the itch or the urge to predict and to advise has been too strong to be denied.

In so far as its preference in prophecies is indicated by its open affiliations, the Federal Farm Board is resorting to the Department of Agriculture for forecasts and interpretations of conditions affecting the marketing of wheat. It is pertinent, therefore, to inquire what forecasts and interpretations for the season of 1929-30 have been made by the department, and how such pronouncements compare with the actual conditions that have so far developed.

The following statements and data, which are quoted from the publications of the Department of Agriculture, entitled "The Price Situation," "Foreign News on Wheat" and "Crops and Markets," afford at least a partial answer.

The department has made the following forecasts with respect to the general course of wheat prices in 1929-30:

Quoted from "The Price Situation," July 15, 1929: "Present conditions suggest that the course of prices through the summer and fall may continue to be somewhat like that of 1924, but an exact repetition is not to be expected."

Quoted from "The Price Situation," Aug. 15, 1929: "The world's wheat situation is now quite similar to that of the 1924 season."

Quoted from "Foreign News on Wheat," Sept. 16, 1929:

"The world's wheat situation appears to be quite similar to what it was in September, 1924, with some shift in the location of supplies. The movement of prices to date has been quite similar to that of the corresponding period this season. While the course of prices through the remainder of the season may not correspond exactly with the course of prices in the 1924-25 season, the situation now seems to be such that a similar movement for the remainder of the season may be expected."

### Couldn't Have Been Worse!

The last sentence of the last quotation above should be carefully compared with the table of prices below.

Monthly weighted average cash prices of all classes and grades of wheat at principal United States markets. Source: "Crops and Markets."

Month—	1924-25	1929-30
July	\$1.26	\$1.20
August	1.24	1.26
September	1.24	1.27
October	1.45	1.24
November	1.48	1.21
December	1.64	1.22
January	1.63	1.22
February	1.85	*1.14
March	1.72	...
April	1.51	...
May	1.66	...
June	1.62	...

\*Simple average of four weekly averages.

The weekly average prices are shown in the accompanying chart. A wider discrepancy between forecast and fact could hardly have occurred.

The following table shows clearly the discrepancy

between the forecasts of average prices for the season for specified wheats and the monthly average prices so far this season:

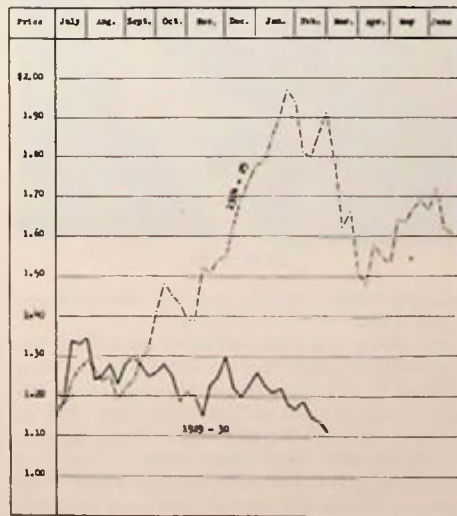
Class of wheat and date of forecast	Average forecast for 1929-30	Reported monthly averages
<b>British parcels:</b>		
July 15	154	July 141
Aug. 15	170-179	August 142
Sept. 15	163-174	September 137
Oct. 15	164-169	October 136
Nov. 15	151	November 125
Dec. 15	151	December 141
Jan. 15	145-155*	
<b>No. 2 hard at Kansas City:</b>		
July 15	130	July 125
Aug. 15	135	August 123
Sept. 15	135	September 124
Oct. 15	135	October 122
Nov. 15	125-135	November 119
Dec. 15	125-130*	December 121
Jan. 15	125-130*	January 119
		February 112
<b>No. 2 red at St. Louis:</b>		
July 15	139	July 139
Aug. 15	159	August 132
Sept. 15	159	September 132
Oct. 15	135-145	October 132
Nov. 15	137-145*	November 129
Dec. 15		December 136
Jan. 15		January 134
		February 122
<b>No. 1 dark northern at Minneapolis:</b>		
Aug. 15	153	August 133
Sept. 15	153	September 127
Oct. 15	140-150	October 132
Nov. 15	140-150	November 130
Dec. 15	125-135*	December 132
Jan. 15	125-135*	January 131
		February 125

\*For remainder of season only. †Simple average of four weekly average prices. Prices shown are cents per bushel.

The forecasts of the season's average prices and the actual monthly average prices with which they are compared are quoted from the publications of the Department of Agriculture entitled "The Price Situation" and "Crops and Markets," issued monthly.

In its August forecast of the average price of British parcels for the 1929-30 season the department indi-

MONTHLY AVERAGE PRICES OF ALL CLASSES AND GRADES OF WHEAT AT SIX PRINCIPAL MARKETS



Note: Monthly average prices for 1929-30 season are based on published in "Crops and Markets" of Department of Agriculture.

cated a level of 170 to 179 cents per bushel, and as late as Dec. 15 suggested a price of about 151. Actual monthly average prices have ranged from 142 in August to 125 in November, the simple average for the six months' period, July to December, being 137. Judging by the course of Liverpool futures in January and February, the average price for the eight months from July to February would be still lower.

During the summer, when hard winter wheat was moving most freely, the department issued forecasts of a season's average price ranging from 130 to 135 cents a bushel for No. 2 hard at Kansas City; whereas the actual monthly average prices have fallen from a

high of 125 in July to a low of about 112 in February. It will be noted that for no single month has the actual average price been as high as the department's forecast of the average for the entire season. Virtually the same discrepancy exists between the actual prices for No. 2 red at St. Louis and the department's forecasts for this grade.

In August, and again in September, the department's forecast suggested a season's average price of about 158 cents per bushel for No. 1 dark northern at Minneapolis. The actual monthly average prices reported have ranged from a high of 138 in August to a low of about 125 in February.

In considering these forecasts the fact that the season has four months yet to go must be kept in mind.

### Not Exactly Apropos

IN view of the actual monthly average prices of British parcels, ranging from 142 in August to 125 in November and showing a simple average for July to December of 137, the following comments of the Department of Agriculture seem somewhat wide of the mark.

From "The Price Situation," Aug. 15, 1929:

A review of production for the crop year 1929-30 is followed by the following statement:

"This reduction in supply on the average would tend to raise the average price for the season in world markets about 45 cents over the average for the past year. This suggests that the prices paid for British parcels might be raised from an average of about 128 cents last season to between 170 and 179, the averages for 1925 and 1924 seasons."

From "The Price Situation," Sept. 16, 1929:

A review of production for the crop year 1929-30 is followed by the following statement:

"This reduction in supply would normally raise the average price in world markets about 40 to 45 cents per bushel over the average of the past year."

Note: The revised season's average price for British parcels is 129 cents per bushel. On this basis the opinion of the department just quoted indicates an average price for 1929-30 of about 169 to 174. The simple average of the monthly average prices from July to December, 1929, is 137, as previously stated.

From "Foreign News on Wheat," Dec. 15, 1929.

In view of the course of actual prices, the department's views as expressed on Dec. 15 seem rather sanguine. After reviewing the outlook for production, the following statement is made:

"Past supply and price relations indicate that the world supply as reported to date might be expected to result in British parcels prices for the season averaging about \$1.62 per bushel on the basis of the 1928 price level. But the depression in the stock market and reduction in the general price level are likely to cause prices to average below what might be expected. For the present, we are assuming that prices may average about \$1.54, compared with \$1.29 for the past season."

Perhaps price prediction is an art. Certainly it is not yet a science. The wanderings of the "experts" and "specialists" of the department in the maze of their own weightings, correlations and interpretations, is painfully clear when the following forecasts are compared with the actual course of the market.

For example: "The Price Situation" of Aug. 15, 1929, carries this statement:

"As indicated last month, the large carry-over of wheat in the United States may prevent the average prices for export wheats in the United States from increasing as much as British parcels prices."

As a matter of fact, neither United States nor British markets have ruled higher than when the prediction was published. In both the United States and Great Britain, prices have averaged lower.

### MONTHLY AVERAGE PRICES

Month—	No. 2 hard winter British parcels	British parcels
August	\$1.23	\$1.42
September	1.24	1.37
October	1.22	1.35
November	1.19	1.25
December	1.21	1.41
January	1.19	1.11
February	1.12*	1.11

\*Simple average of four weekly averages. †Not yet published: Liverpool futures indicate lower prices than for December.

For example: The Dec. 15 and Jan. 15 numbers of

(Continued on page 43.)



# A Permanent Record of Professor Snyder's Life Work on Bread

**A**N outstanding contribution to the literature of bread has just come from the press of the Macmillan Co. It results from the energy and enterprise of Mrs. Harry Snyder, wife of the internationally-known cereal chemist whose long labor in the interest of breadstuffs was brought to an end by his death in October, 1927. Mrs. Snyder's task was undertaken with the advice and encouragement of flour millers and former associates of Professor Snyder who believed that his papers and articles on nutritional subjects should be brought together in permanent form.

As stated in the book's preface note, the papers now brought together comprise but a small part of the writings of Professor Snyder which had not hitherto appeared in book form or in bulletins of the Minnesota Experiment Station and the United States Department of Agriculture. Selection from the great mass of material available among Professor Snyder's writings was a difficult task. Most of these writings in recent years are of such value as to command permanent preservation. Many of the earlier articles and addresses were of more than transitory interest. They embodied research findings that are as valid today as when they were recorded.

#### An International Reputation

**M**ANY years before his death, Professor Snyder had achieved an authoritative position among cereal chemists of this and other countries. Though his accomplishments were of value to the entire breadstuffs industry, since they were so broad in scope as to cover the whole cycle of production from wheat field to the consumer's table, he was of special assistance to the milling industry. He was called upon repeatedly for such outstanding service as was involved, for example, in his studies of the moisture content of flour and the vexed question of flour standards.

Many were the commendatory notices of this work. Of it The Northwestern Miller said: "The Millers' National Federation has just issued a second edition of the pamphlet entitled 'Wheat Flour, Its Weight and Moisture Content,' by Harry Snyder. The pamphlet includes with its 72 pages a practically complete history of the flour moisture standard question. No single service which has been rendered by any organization or individual to the flour milling industry within the past decade has been materially greater in value than this work of Mr. Snyder's. Bringing to his task the scholarship of a trained chemist, the shrewdness of an experienced controversialist, and the practical ability resulting from years of active work in connection with actual flour milling, he has formulated a document which is of direct value to every merchant miller in the country and of equally great service to the government officials themselves."

One of the papers in the present book deals briefly with this monumental subject. Commenting further upon Professor Snyder's services, The Northwestern Miller said:

"Relatively few millers are aware of the constant value to the industry of this modest and unassuming friend. Probably a majority of the current trade literature on the subject of flour in daily use by millers is the product of his mind and pen. For a score or more of years he has served the cause of milling without ostentation, and with no prospect of reward other than satisfaction in work well done. The present case is but a single instance, a trifle more prominent perhaps, because of the unusual attention attracted by this vexing question of moisture content. This indus-

try has no more faithful and valuable friend than Professor Snyder."

But perhaps his most signal service to millers and bakers, and incidentally to American agriculture, was his gallant championing of white bread against its traducers. He early sensed the dangerous trend of food faddism and was among the first of the scientifically prepared investigators to engage his knowledge of nutrition, gained through exhaustive study and brilliant laboratory experimentation, against popular diet fallacies and the charlatanism of self-styled "health doctors." The latter part of his life was largely devoted to putting before the public an accurate estimate of the food value of bread. This fact naturally prompted the use of the title "Bread" under which the collected



Harry Snyder

popular writings of his later years have been published in book form.

The milling and baking industries can scarcely fail to appreciate the fact that this material is thus being preserved in a permanent and accessible form. His wide acquaintance and the high regard with which he was held will unquestionably insure a large distribution for the book, which should be in the hands not only of the general public but more particular in the possession of those who can best make use of it through insuring for wheat bread its proper place in the human diet.

It is significant that the book should have the enthusiastic indorsement of such distinguished chemists as doctors Bailey, Winton and Alway. Dr. Winton has contributed an appreciative biography of Professor Snyder, and Dr. Alway an account of his notable work on soils and fertilizers.

In a fitting introduction to the book, William C. Edgar, former editor of The Northwestern Miller, says: "For what he did over a long period of years to defend and uphold the cause of honest, pure, white

flour, assailed viciously and persistently by its enemies, the millers of the world owe him a lasting debt of gratitude. . . . With calm and characteristic fearlessness Professor Snyder attacked the prevalent fallacies concerning food values which were being exploited, to the aid of generous advertising appropriations, in the press of the country. But so strongly was he interdicted with fact and truth that efforts to discredit him were unavailing."

Professor Snyder was, in fact, a pioneer in the modern movement of protest against defamations of white bread. In his footsteps has come a distinguished group of scientists, whose careful studies have given an entirely new trend to nutritional theories and practices so far as they concern bread. Among these later scientists are, of course, such men as Professor E. V. McCollum, of Johns Hopkins University, and professors Mendel and Lusk, of Yale and Cornell Universities, respectively.

#### A Northwestern Miller Contributor

**I**T is for another more particular reason, in addition to the foregoing, that The Northwestern Miller finds itself inclined to give complete commendation to this collection of writings now brought together under a single book cover. Professor Snyder was for many years a frequent contributor to this journal, and many of the articles and papers in this present group originally appeared in The Northwestern Miller's columns. During the latter years of his life, which were spent as chief chemist of the Russell-Miller Milling Co., Minneapolis, he had projected a definitive series of articles on the nutritive value of bread, designed to set at rest, on the authority of laboratory findings by himself and others, the long-standing dispute between advocates of white bread and the branny faddists.

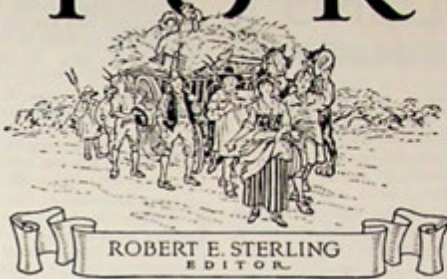
Publication of this series of articles began in 1927 but only four of them had been prepared when Professor Snyder's death in that year interrupted the project. He had, however, covered the subject in its general aspects, reserving for future articles only a more extended consideration of the various supplementary phases. The four published articles were considered such a masterly presentation of the case for white bread that The Northwestern Miller was urged to reprint them in pamphlet form for general distribution. More than 25,000 copies were put in circulation in this way.

Appropriately, these four articles are made to serve as the theme and nucleus of the book of collected writings; to them most of the other material is contributory. There are chapters on soil wealth and conservation, the application of science to farm crops, the individuality of wheat, the granulation of flour, the milling value of wheat, the grading and merchandising of flour, the work of the mill chemist, and various problems connected with modern flour milling and bread baking, but the whole of this library of valuable material, a record of most of the important findings from his long research, is directly contributory to the main subject of his life's work—bread, the chemistry of its chief ingredient, and its place in sociology.

"Bread" is appropriately illustrated, many of the pictures being of Professor Snyder from early childhood to the later period of his life. The book is attractively printed and bound, and is intended for general circulation, at the popular price of \$2.50, postage paid. It may be ordered from the Macmillan Co., New York City, from any book seller, or from The Northwestern Miller, Miller Building, 118 South Sixth Street, Minneapolis, Minn.



# EDITORIAL



## "VAPORINGS"

ALEXANDER LEGGE, chairman of the Federal Farm Board, doubtless commands the respect of an overwhelming majority of the people of the country. He generally is regarded as a sound and fair man, who made a success of his own business and who, at the insistence of the President of the United States, undertook to administer a foolish law. He is especially admired for his courage in doing this, for, at best, he can win only doubtful success, for which he will get neither thanks nor reward, and, at worst, he will fail and be condemned by the politicians and, if their hatred is sufficiently stirred, disgraced in the estimation of many thoughtless and selfish people.

Because of these things, there is, even in the grain trade, which is first to be seriously affected by farm board operations, a rather astonishingly large amount of sympathetic consideration for Mr. Legge. Thoughtful men are not inclined to hold him to blame for a stupid law and would, given fair opportunity, be favorably disposed toward a working arrangement which would enable the desire of Congress for economic adventure to disport itself with the least possible disturbance of the existing marketing system. Unhappily, Mr. Legge and his associates have not appreciated this attitude of the more conservative elements of the grain trade, but have insisted upon picturing its members as enemies of the public and of the farm board, very much as prohibition enforcement officers regard bootleggers.

Such phrases as "pink ticket speculation" and stories such as that of the official who beat the crooks in a poker game because he could bet the public treasury are not calculated to lighten the farm board's task nor improve the grain trade's temper. Of the same character are the utterly untrue statements about the trade being in a conspiracy to flood the farm board with wheat deliveries in May. Latest of the vocal misadventures of Mr. Legge is his characterization of Mr. Lonsdale's fair and restrained discussion of the Agricultural Marketing Act and its operation as "vaporings." Mr. Lonsdale discussed policies. Mr. Legge, taking unfair advantage of his place as a public official, retorts with personalities.

The position of Mr. Lonsdale and of a great number of other respectable and respected men who happen to be engaged in business as grain merchants is comparable with that of Mr. Legge when he was head of the International Harvester Co. Had the government elected to experiment with the manufacture of harvesting machinery to "aid" the farmer, and if some crack pot senator had proposed it, it doubtless would have done so.—Mr. Legge surely would have had something to say about the unfairness of the scheme and would not have regarded his views as "vaporings." He would have spoken, as Mr. Lonsdale undoubtedly did, from the depth and sincerity of his own convictions based on experience and would have expected, even from officers of the government, a courteous and respectful hearing.

Nothing is more certain than that whatever of good there may be in the Agricultural Marketing Act can be realized only through its administration in the spirit of compromise and accommodation with long existing machinery and methods. Nothing can be accomplished by the efforts of the farm board, emphasized in the thumbs-in-armholes speeches of Mr. McKelvie and the occasional impatient outbursts of Mr. Legge, to misrepresent grain men as gamblers, confidence men and thugs. They are none of these things, but a large group of decent and respectable men engaged in a useful commercial service with the results of lifetimes of effort and millions of investment poised on the brink of destruction. They are entitled to something more from high officials of government than "pink ticket," "vaporings," "conspiracy" and designation as enemies of the public interest. Mr. Legge should temper his language.

## THE WORLD TAX ON WHEAT

THE extent to which importing countries of Europe are resisting importations of wheat through steadily rising duties is insufficiently appreciated in this country. Britain, Norway, Denmark and the Netherlands now stand alone in permitting free importation of wheat and flour. Everywhere else the tariff walls are being raised higher and higher, in nearly every case with discriminatory duties so arranged as to favor the importation of the world's cheapest wheat over flour of any sort.

The following table shows the rates of duty now applied by principal importing countries of the Continent, the figures on both wheat and flour being reduced to cents per bushel of sixty pounds:

	Cents per 60 pounds	
	Wheat	Flour
Holland .....	Free	Free
Belgium .....	Free	3.0460
*Germany .....	61.7677	120.2844
France .....	53.6016	105.4128
Switzerland .....	105.4926	23.7893
Italy .....	73.2022	106.1431

\*According to latest advices from Germany, import duty on wheat was in all probability to be increased to 78.0223c on April 1; wheat flour probably to be increased proportionally.

In some of these countries, notably in Germany and France, regulations are such that the poorer domestic wheats can be exported and duties recovered, so that the effect is to exchange undesirable home grown grain for the requisite supplies of stronger wheats from elsewhere in the world. To some extent, these poor wheats have been "dumped" in England.

Trustworthy information from Europe is to the effect that the poor loaf necessarily resulting from regulations requiring maximum milling of domestic wheats and long extraction of flour brings little resentment from the public. The result appears to be chiefly evident in reduced consumption of bread.

Politically Europe, taking its cue perhaps from Italy, apparently is determined to make itself as nearly as possible self-supporting in the matter of food. To the extent that it cannot grow wheat, it is determined to reduce its consumption and replace it in the diet with whatever else it can grow. What is referred to as the "battle of wheat" is not altogether a contest over the price that shall be paid for wheat but a battle against wheat.

How long it may be continued none can foretell. It may end in world-wide rebellion against the rising tax on bread and the overthrow of the politico-economic philosophy upon which it is based. Nothing is more certain than that in good time wheat will triumph. Politicians may have their way for a time, but in the end the wheaten loaf, because it is the world's best and cheapest food, will have its way over economic expedients and political scheming.

## GOVERNMENT WANTS MORE RULES

IN his reply to the Helin Senate resolution requiring him to investigate and report on the operation of grain and cotton exchanges "even to their temporary closing," Secretary of Agriculture Hyde admirably stated the province and commercial function of the exchanges in reflecting supply and demand into price changes. He expressed the belief that they rendered an important price insurance service and should, therefore, be retained.

Continuing, he said that, in his opinion, certain

changes should be made in rules governing deliveries on future contracts, suggested the creation of a government agency to review exchange rules in the interest of producers and consumers, and recommended legislation to strengthen the regulatory powers of government under the grain and cotton futures acts. In particular, he criticized the rules governing delivery of wheat on contract at Chicago. In a press statement, Chairman Legge, of the Federal Farm Board, declared himself in agreement with Secretary Hyde on the need for changes in delivery regulations.

Rules under which trading in futures is conducted are by no means perfect. They are, indeed, constantly undergoing constructive change as experience develops new ideas and new needs. As the rules stand today they represent the result of a half century or more of trial and experiment with checks and balances for the protection of buyer and seller. When faults have been found through "corners," misuse of the machinery, or undue advantage to either buyer or seller in grades and conditions of delivery, amendments have been adopted to correct abuses and equalize inequalities. The process is founded on the premise of experience being the best teacher, and is a continuing one.

It may be that the government, through the initiative of Congress, which is of a political rather than an economic or commercial mind, can improve upon this process. Or it may be that administrative bureaus of government, largely composed of men unsuccessful in or unfitted for business, profitably can set aside these results of growth through trial and put some other system of rules into effect. Yet all experience has proved the superiority of methods and practices created by the test of time over those established by arbitrary acts of government.

So far, not one act of federal or state authority in their exercise of power over marketing methods, either before or since passage of the Agricultural Marketing Act, has brought one penny of benefit to producer, consumer or the public generally. Yet the desire to tamper continues. Congress and its boards and bureaus and commissions would not undertake to half sole a shoe, or mend a watch or instruct the captain how to run his ship, but all are eager to tell commerce how to conduct itself, and, when it fails humbly to respond, to call it names and condemn it to the political whipping post.

## "THE MILLER'S ALMANACK"

THE NORTHWESTERN MILLER again dedicates to the flour milling and allied industries, as it has done yearly for almost a quarter of a century, a revised edition of the standard fact publication of those industries. This compilation, familiarly known as "The Miller's Almanack," appears as Section Two of The Northwestern Miller of April 2, and is mailed to all readers of The Northwestern Miller and American Baker.

The editors of this edition of "The Almanack and Year Book of the Breadstuffs Industries" ask for the co-operation of its users. Their work has been a painstaking attempt, requiring laborious research, to bring together the statistical tools of the great trades represented. But the Almanack makes no pretense of infallibility. If you know of an inaccuracy, tell the editors. If you believe something could be added to increase the value of the compilation, take the editors into your confidence.

It is gratifying to those responsible for this publication that the Almanack should have come to be accepted as a standard authority by courts of law, by government officials, by banking houses, by universities, by statistical organizations, by newspapers and by hundreds of concerns and individuals engaged in milling and baking, and in the flour, feed and grain trades. The publishers of The Northwestern Miller like to feel that, above and beyond the service to their readers, this statistical record has a definite relation to the high position occupied by the industries of which those readers are a part.



# THE WEEK IN MILLING

**Domestic Demand.**—A fairly steady wheat market recently has not stimulated flour sales. New business is almost entirely for near-by shipment, the purchases designed to fill pressing requirements. The average of sales in the Northwest is about 20 per cent of capacity, and in the Southwest about 50 per cent. Scattered through the orders are some for fair-sized round lots, for delivery in May or later. In the Northwest, particularly, millers are not aggressively going after further bookings, as an abnormal volume of flour already has been sold, and a fear exists that further forcing of business will result in much difficulty in obtaining shipping directions. As a matter of fact, the situation is already becoming serious for some companies, as about 80 per cent or more of the business on mill books was contracted for at prices above present levels. In consequence, some buyers are neglecting to take delivery of this higher priced flour, and are filling their pressing needs with new purchases. This condition has not affected southwestern mills to the extent it has companies in other of the principal milling areas.

**Export.**—Moderate sales to European countries are reported, and a fair volume of flour is moving to Latin American markets. Canadian mills, however, are taking the most of the European business, as they are able to quote prices considerably below the basis at which United States exporters can sell profitably. Great Britain and the central European countries are the principal buyers of the Canadian product.

**Cleats.**—Second clear has sold in good volume recently for export, and accumulated stocks have been absorbed. First clear is also moving freely, and is firm in price.

**Production.**—Output of United States mills reporting to The Northwestern Miller for the week ending March 29 was almost unchanged from that of the preceding week. It was slightly higher than a year ago and slightly lower than two years ago. The total was 1,487,549 bbls. In the Southwest, a gain of about 23,000 bbls was made, but northwestern mills made 33,000 bbls less than in the previous seven-day period. Buffalo showed a gain of 4,000 bbls, and the Pacific Coast one of 5,000. The central and southern group of mills lost about 2,000 bbls. Production, on the whole, is about normal for this period of the year, although millers anticipated heavier operations, in view of the large volume of flour being carried on the books of mills.

**Milled.**—An excellent, general demand for bran and standard middlings for immediate shipment existed virtually all of the past week or 10 days. More disposition also is shown to contract for future needs. In consequence, surplus offerings have been absorbed, and the market, in some instances, gives evidence of being oversold. Feed manufacturers and covering of short sales by speculators furnished much of the buying power, but dealers and mixed car buyers are also active. The trade anticipates a continued good business, with firm to higher prices. The situation in flour middlings and red dog is improved, but is not as strong as the market for lighter grades.

## European Markets by Cable

**LONDON, Eng., April 1.**—(Special Cable)—Some sales of cheap lots of flour have been made, but trade generally is quiet. The market fluctuations, although slight, cause a nervous feeling, thus hampering buying. Today's quotations: Canadian top patents 32@33s per 280 lbs (\$5.44@5.61 bbl), Canadian export patents 29s 6d@30s 6d (\$5.02@5.19 bbl), Kansas export patents 31s 6d (\$5.36 bbl), American milled Manitobas 32s (\$5.44 bbl), Australian patents 28s (\$4.76 bbl), Argentine low grades 15s (\$2.55 bbl), home milled straight run 27s 6d (\$4.68 bbl), Minnesota export patents 32s (\$5.44 bbl).

**Liverpool.**—Sales of imported flour are slow. Today's quotations: Canadian top patents 32s 6d@33s 6d per 280 lbs (\$5.33@5.70 bbl), Canadian export patents 30s 6d@31s (\$5.19@5.27 bbl), American soft winter patents 31s (\$5.78 bbl), Kansas export patents 31s 6d (\$5.36 bbl), Australian patents 28s (\$4.76 bbl), American low grades 19s@22s 6d (\$3.23@3.83 bbl).

**Glasgow.**—The market is very dull. Demand is confined mostly to small, spot lots. Today's quotations: Canadian export patents 29s 6d@31s per 280 lbs (\$5.02@5.27 bbl), Kansas export patents 31s 6d (\$5.36 bbl), Canadian winters 31s (\$5.78 bbl), American winters 33s@31s 6d (\$5.61@5.87 bbl), Australian patents 28s (\$4.76 bbl).

**Belfast.**—Despite the fairly steady prices, business is small. The uncertainty of the future position is preventing extensive forward purchasing. Today's quotations:

Canadian top patents 33s@33s 6d per 280 lbs (\$5.61@5.87 bbl), Canadian export patents 31s@31s 6d (\$5.27@5.36 bbl), American milled Manitobas 31s@31s 6d (\$5.27@5.36 bbl), American soft winters 35s (\$5.95 bbl), home milled, delivered, 33s (\$5.61 bbl).

**Amsterdam.**—Some sales of Kansas patents are being made at 15@20c below mill offers, which are too high compared to home milled. Today's quotations: Canadian export patents \$6.20 per 100 kilos (\$5.51 bbl), Kansas top patents \$6.15@6.30 (\$5.45@5.60 bbl), Kansas straights \$6 (\$5.33 bbl), home milled, delivered, \$5.60 (\$4.97 bbl), Belgian flour \$5.70 (\$5.06 bbl).

**Hamburg.**—Flour is at a complete standstill, owing to the introduction of a new tariff on wheat flour, which is 23.25 marks per 100 kilos, effective March 29, and on wheat which is 12 marks per 100 kilos, effective March 27. Today's quotations: Canadian top patents \$6.70 per 100 kilos (\$5.96 bbl), Canadian export patents \$6.50 (\$5.78 bbl), Kansas patents \$6.20 (\$5.51 bbl), home milled, delivered, \$10.10 (\$8.59 bbl), rye flour \$5.50 (\$4.88 bbl).

**Copenhagen.**—A little purchasing of imported flour is being done, but buyers have only small confidence in the present market levels. Stocks also are ample. Today's quotations: Canadian top patents \$6.65@6.90 per 100 kilos (\$5.90@6.14 bbl), Canadian export patents \$6.25@6.50 (\$5.54@5.78 bbl), Kansas patents \$6.40@6.60 (\$5.69@6.14 bbl), Oklahoma patents \$6.50@7 (\$5.87@6.23 bbl), Texas patents \$5.25@5.75 (\$4.64@5.09 bbl).

**Osla.**—There were no purchases of flour by the government monopoly last week.

### WHEAT

The London wheat market is quiet, with prices tending downward. At Liverpool, sales are limited. The market at Hamburg is at a standstill, owing to the imposition of a higher duty.

### MILFEED

There is an improved tone to the millfeed market at London, owing to a better demand. Middlings are quoted at £5 2s 6d ton, and bran at £4 17s 6d, ex-mill. Plate pollards, afloat, are offered at £4 2s 6d and for forward at £4 7s 6d. At Liverpool, the market shows a stronger tendency, but trade is small. There is a better feeling also at Belfast, and prices are steady. All feedstuffs are at a complete standstill on the Hamburg market.

### OIL CAKE

Demand for oil cake is improving at London. Homemade cottonseed cake is quoted at £5 7s 6d ton, ex-mill, and Egyptian at £4 12s 6d, ex-ship. Sales of imported oil cake at Liverpool are slow, with American linseed cake quoted at £9, and Plate at £9 10s, c.i.f.

### OATMEAL

Quietness prevails in oats products at London. Scottish rolled oats are quoted at 28s 6d per 280 lbs, ex-store, and continental rolled oats and oatmeal at 21s 6d. American and Canadian rolled oats are priced at 28s and oatmeal at 26s 6d. The Belfast market is quiet and American and Canadian offerings are out of line. German products are firm, rolled oats being quoted at 30s and oatmeal at 29s. Irish rolled oats are offered at 35@40s, and oatmeal at 29s, delivered.

## Flour Output and Percentage of Operation

The following table shows the flour output at principal milling centers, by weeks ending on the indicated dates, together with figures covering a group of representative interior mills in each district. In barrels, as reported to The Northwestern Miller:

	NORTHWEST—			SOUTHWEST—		
	Feb. 29	Mar. 22	Mar. 30	Feb. 29	Mar. 22	Mar. 30
Minneapolis	205,047	228,723	168,710	266,894	266,894	266,894
Duluth-Superior	18,040	15,370	12,670	18,415	18,415	18,415
Outside mills*	181,865	193,097	215,983	223,864	223,864	223,864
Totals	404,952	437,190	397,363	509,173	509,173	509,173
KANSAS CITY						
Atchison	30,276	28,253	25,344	23,637	23,637	23,637
Wichita	28,267	28,007	21,526	31,310	31,310	31,310
Salina	39,127	31,512	40,551	39,535	39,535	39,535
St. Joseph	24,275	25,508	24,254	28,190	28,190	28,190
Omaha	25,635	24,427	17,784	27,451	27,451	27,451
Outside millst	187,900	182,516	204,960	164,079	164,079	164,079
Totals	477,763	454,968	471,012	445,666	445,666	445,666
CENTRAL AND SOUTHERN—						
St. Louis	53,600	37,100	29,900	33,600	33,600	33,600
Outside	39,500	43,600	41,300	44,600	44,600	44,600
Central States†	71,683	83,582	78,107	92,441	92,441	92,441
Southeast	82,388	84,223	81,112	89,261	89,261	89,261
Totals	247,071	248,205	230,119	259,902	259,902	259,902
PACIFIC COAST—						
Portland	16,530	16,834	30,384	29,156	29,156	29,156
Seattle	26,550	22,285	23,109	30,159	30,159	30,159
Tacoma	27,006	26,487	46,037	45,452	45,452	45,452
Totals	70,086	65,616	99,530	104,767	104,767	104,767
Buffalo	253,021	249,916	193,490	161,667	161,667	161,667
Chicago	34,666	30,276	22,333	35,880	35,880	35,880

The following table shows the percentage of activity of mills at various points. The figures represent the relation of actual weekly output of flour, percentages weighted by capacity of mills reporting, to possible output when operating 24 hours daily on 31 days per week:

	NORTHWEST—			SOUTHWEST—		
	Feb. 29	Mar. 22	Mar. 30	Feb. 29	Mar. 22	Mar. 30
Minneapolis	50	56	37	90	80	80
Duluth-Superior	49	42	34	34	34	34
Outside mills*	41	44	49	49	49	49
Average	46	49	43	55	55	55
KANSAS CITY						
Atchison	96	90	80	96	96	96
Wichita	45	45	34	59	59	59
Salina	82	66	84	84	84	84
St. Joseph	51	54	51	59	59	59
Omaha	91	89	65	100	100	100
Outside millst	57	56	62	62	62	62
Average	65	62	63	81	81	81
CENTRAL AND SOUTHERN—						
St. Louis	88	61	49	88	88	88
Outside	45	50	47	51	51	51
Central States†	64	68	59	73	73	73
Southeast	67	68	60	64	64	64
Average	65	63	55	63	63	63
PACIFIC COAST—						
Portland	44	45	82	47	47	47
Seattle	66	47	49	64	64	64
Tacoma	47	46	50	80	80	80
Average	50	47	71	63	63	63
Buffalo	92	90	74	49	49	49
Chicago	87	76	56	80	80	80

\*Minnesota, Dakota, Iowa and Montana mills outside of Minneapolis and Duluth-Superior. †Southwestern mills outside of centers named. ‡Mills outside of St. Louis but controlled in that city. §Mills of Indiana, Michigan and Ohio, including Toledo.

### SUMMARY OF FLOUR QUOTATIONS

Flour quotations reported to The Northwestern Miller as of Tuesday, April 1. (Pacific Coast prices as of previous day.) Unless otherwise noted, flour per bbl of 196 lbs. packed in 95-lb cottons or 140-lb jutes. All quotations on basis of carload lots, prompt delivery.

	Chicago	Minneapolis	Kansas City	St. Louis	Buffalo	New York	Baltimore	Philadelphia	Boston	Columbus	Nashville
Spring first patent	\$6.76@6.35	\$6.30@6.70	\$5.90@6.30	\$6.00@6.40	\$7.60@7.10	\$6.30@6.80	\$6.20@6.75	\$6.40@6.75	\$6.30@6.90	\$6.65@6.95	\$7.15@7.25
Spring standard patent	5.50@6.15	6.05@6.30	5.70@6.00	5.70@6.00	6.50@6.80	5.90@6.15	6.00@6.25	6.00@6.30	6.00@6.50	6.40@6.60	6.75@6.90
Spring first clear	4.70@5.25	5.00@5.10	4.70@4.90	4.70@4.90	5.70@5.80	5.65@5.90	5.70@5.90	5.80@6.05	5.60@6.00	5.90@6.10	6.25@6.40
Hard winter short patent	5.40@5.80	5.70@6.10	5.40@5.80	5.40@5.80	6.40@6.50	5.75@6.20	6.25@6.60	6.05@6.35	5.90@6.70	6.55@6.80	6.25@6.40
Hard winter 95 per cent patent	5.00@5.40	5.35@5.90	5.00@5.20	5.00@5.20	6.10@6.50	5.50@5.85	5.75@6.40	5.65@5.85	5.70@6.70	6.70@6.95	6.25@6.40
Hard winter first clear	4.20@4.60	4.50@4.60	4.25@4.50	4.10@4.60	5.40@5.50	5.40@5.50	5.40@5.50	5.40@5.50	5.40@5.50	5.40@5.50	5.40@5.50
Soft winter short patent	5.60@6.30	5.95@6.25	5.60@6.25	5.60@6.25	6.50@6.60	5.30@5.60	5.50@5.75	5.50@5.75	5.90@6.65	6.00@6.30	6.25@6.40
Soft winter straight	5.10@5.60	5.40@5.65	5.10@5.40	5.10@5.40	6.50@6.60	5.30@5.60	5.75@5.90	5.75@5.90	5.50@5.90	5.75@6.05	6.00@6.20
Soft winter first clear	4.75@4.95	4.35@4.70	4.35@4.70	4.35@4.70	5.40@5.50	5.40@5.50	5.40@5.50	5.40@5.50	5.30@5.70	5.40@5.50	5.40@5.50
ltye flour, white	4.75@5.00	4.75@4.90	4.75@4.90	4.75@4.90	5.40@5.50	5.45@5.65	5.65@5.50	5.60@5.85	5.65@5.75	5.65@5.75	5.65@5.75
ltye flour, dark	3.60@3.90	3.50@3.65	3.50@3.65	3.50@3.65	4.40@4.50	4.40@4.50	4.25@4.50	4.25@4.50	4.40@4.50	4.40@4.50	4.40@4.50
Seattle (49¢) San Francisco Standard patent—Seattle San Francisco											
Family patent	\$6.30@6.80	6.30@6.80	Kansas	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40
Straight	4.30@5.00	4.30@5.00	Dakota	6.25@7.15	7.20@7.50	7.20@7.50	7.20@7.50	7.20@7.50	7.20@7.50	7.20@7.50	7.20@7.50
Cut-off	5.00@5.50	5.00@5.50	Montana	5.70@6.55	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40	6.20@6.40

\*Includes near-by straights. †Nashville prices basis f.o.b. Ohio River points for soft winter wheat flour. \*\*In jutes, Fort William basis. ††95-lb jutes. ‡Second-hand jutes. §140-lb jutes. ¶Hard winter straights.







# Imported Flour in Holland

By C. F. G. Raikes

European Representative of The Northwestern Miller

**W**HEN I arrived in Holland on Monday, March 10, I found the flour importers greatly disturbed over the cabled report that the Federal Farm Board was planning to consign wheat unsold to Europe. This report was contained in the official market report of the Chicago market. It was stated that the farm board had decided to consign 500,000 bus of wheat to Europe. Although the amount was not large it had a most demoralizing effect on the market, as the trade rather naturally jumped to the conclusion that eventually larger quantities would be shipped unsold to European markets, and they knew what this would mean.

The Netherlands Flour Importers' Association got together to discuss the situation, and as a result a cable was sent to the Millers' National Federation, pointing out the damage consigned wheat would do to the flour import trade and urging the federation to take steps to see that American millers were given an opportunity to buy wheat at a parity price with that which was sold for export.

## CABLES BRING REASSURANCE

Individual importers also sent cables to The Northwestern Miller and to their mill connections, urging immediate action to be taken in defense of the export flour trade. The first reply came from The Northwestern Miller, stating there was no need for alarm over the dumping of wheat by the farm board and that that organization categorically disclaimed any such policy. This cable allayed a good deal of the alarm that existed, and the following day a cable was received from the Millers' National Federation stating that Chairman Legge had officially denied that there was any plan of selling wheat abroad below domestic levels. Although this cable was reassuring, there were still some importers who maintained that Chairman Legge had not denied that wheat was to be consigned.

## A DISASTROUS EXPERIENCE

It is quite possible that many members of the trade in the United States thought that the importers were unduly alarmed or endeavoring to make a mountain out of a mole hill, but it must be remembered that flour importers have had a disastrous experience all through the winter months over consigned shipments of wheat from Argentina. European millers, especially those of Holland and the United Kingdom, were able to pick up these consigned cargoes at very low prices as compared with ruling prices in America and Canada, and as a result were able to turn out a flour that was impossible to compete with as far as imported flour was concerned. This state of affairs had existed since last autumn, and it was not until recently that conditions had improved and wheat and flour from North America had become more in line.

Last October, when I was in Holland, owing to cheap purchases of Argentine wheat, the Dutch millers were making a flour that American and Canadian millers could not compete with in price. Although the quality of the American flour was decidedly superior to the home milled product, the difference in price was too great. Just as this bogey, or orgy, of cheap Argentine wheat had passed, the danger of wheat being dumped by the farm board loomed up, and flour importers—all of whom are in a somewhat jumpy condition owing to what they have had to go through—immediately pictured to themselves another dose of wheat consignments, which would be the last straw to break their backs and put them out of business. This, I hope, will explain the situation that arose, and at the same time I trust it will impress upon farm board officials the damage they would do to the export flour trade were they to allow wheat to be consigned and sold at distress prices to European millers.

## IMPROVEMENT IN VOLUME

Although the Holland importers were all complaining bitterly of bad business, I am convinced that there has been a marked improvement in the volume of business done since I was last in Holland. Owing to the home millers being unable to purchase Argentine wheat at prices that were very considerably below the prices paid by American and Canadian millers, and also owing to the heavy decline in millfeed, they

were forced to get higher prices for their flour. As a result of these changed conditions, imported flours came much closer in line and more business was done. During January and February, many of the Holland flour importers did a very fair business—better than they have done for months—but unfortunately this improvement has fallen off owing to the demoralized condition of the wheat market.

Most of the business in Holland has been in southwestern hard wheat flours—usually referred to as Kansas flours—coming from Kansas, Oklahoma, Texas and Nebraska. These flours are the ones that are the favorites in Holland, and there is no doubt that Holland is the best European export market that the mills of the Southwest possess.

The reason Kansas flours are more largely used than Manitoba flours is because night baking is prohibited in Holland. As a result of this law bakers prefer a flour that does not require too long a period of fermentation, and for this reason prefer the Kansas flours to the stronger Manitoba flours that require a longer period for fermentation. This is particularly true as regards the small bakeries that only turn out one baking during the day. The Canadian flours, however, are used by the large bakeries where three or four bakings are made each day. I understand that these large bakeries use Kansas flours in their mix for their first baking, which has to be completed as early as possible, but that they like to use Manitoba flours in their doughs that are used later in the day.

## PREFERENCE FOR KANSAS FLOUR

This past winter has been a poor one for Canadian flour in Holland as, in addition to Kansas flours having first preference, the price of Canadians has been too high. This latter condition has now changed, and, while I was in Holland, prices of Canadian patents, for the first time in a long period, were lower than for Kansas patents. If this continues it is expected that the volume of business in Canadian flour for Holland will increase.

There is no doubt that the artificial condition that exists in the United States relative to the option and cash wheat markets is making it impossible for American millers to quote on as competitive a basis as they would if the wheat market were open and free and conducted under the usual influences of supply and demand.

## THE CZECHOSLOVAKIAN MARKET

The best market outside of Holland for the Holland importers is Czechoslovakia, as a large proportion of the import flour trade in that country is done through Holland firms. The flour that is mostly in demand in Czechoslovakia is Canadian or Buffalo flour, milled from Manitoba wheat. The Hungarian mills a few months ago were very cheap in price and got the lion's share of this business, but their prices are now higher and the Canadian flours are coming back by degrees. However, that trade takes time to recover and Canadian flour must be very attractive in price to recapture it. The authorities of Czechoslovakia, following the example set by Germany, are contemplating an increase of duties on wheat and flour, and there is still talk of there being a government monopoly. Most people think this will not materialize, but it is generally thought the increased taxes will eventually be put through.

Regulations are also being considered in Czechoslovakia which will restrict the percentage of white flour that may be used in rye bread. In fact, everything is being done, as in Germany, to restrict the use of wheat or wheat flour in order to encourage the consumption of the large surplus of rye, which is so cheap it is almost being given away.

## IMPORTERS WEATHER THE STORM

While there have been a number of failures in the wheat and feedstuffs trades in Holland, all the flour importing firms appear to have weathered the storm. I doubt if any of the importers have made their expenses, but they are fortunate not to have been worse hit, which was largely due to imported flour being so out of line that no large purchases were made. So, the old saying that it is an ill wind that blows nobody any good comes true once again.



## PENNSYLVANIA BAKERS HOLD SPRING MEETING

State Chapter of Bakery Sales Promotion Association Spend One Day in Session at Pittsburgh

PITTSBURGH, Pa.—The spring meeting of the Pennsylvania chapter of the Bakery Sales Promotion Association, held at the Keystone Athletic Club, Pittsburgh, on March 27, was well attended, although the attendance was materially reduced owing to the blizzard that swept the western and central sections of the state. Several bakers telephoned that due to the icy condition of the roads they were unable to travel.

The morning session was opened by O. E. McGregor, the chairman. He introduced Horace W. Crider, president of the Western Pennsylvania Bakers' Association, who welcomed the bakers. The response was made by William F. Seaman, president of the Pennsylvania Bakers' Association.

There was an informal discussion on the return of sales, in which Mr. Seaman outlined what has been accomplished in the eastern and central sections of the state. He said that the work of Charles S. Goodman, chairman of the special committee on the matter, had been productive of good results. Others who spoke were Mr. Crider, Mr. McGregor, Louis H. Braun, of Braun Bros. & Co., and Lee B. Insocho, of the Harris Boyer Co., Johnstown.

Luncheon followed at noon, at which covers were laid for 76 persons. The opening speaker at the afternoon session was G. A. Wilde, president of the Associated Bakers of America, who spoke on "The Retail Baker" and "Co-operative Advertising."

R. W. Britton, of the Fitch Baking Co., Erie, presided at an open forum on selling costs. E. R. Braun, Jr., who substituted for H. D. Lemar, president of the National Bakery Sales Promotion Association, proved to be an apt and informative speaker on the cost of truck maintenance. Mr. McGregor spoke on "Salesmen, or Delivery Men?" and outlined the policy pursued by the Williams Baking Co., of Scranton and Wilkes-Barre, in engaging salesmen, and stated that the preliminary experience of the prospective salesman in the bakery, watching production operations, etc., was of vital importance.

John Haller, Jr., of the Haller Eagle Bakery, Altoona, spoke on cake production and merchandising, and stressed the point that high grade cakes would always appeal to the housewife. Others who spoke on the topic were Mr. McGregor, Mr. Britton, Mr. Insocho and Mr. Braun.

Robert B. Harris was the closing speaker of the session. He spoke on "Advertising That Brings Results," and displayed the series of charts prepared by Procter & Gamble in their plan to make the cake output of the bakers more popular among the housewives of the nation. Mr. Harris is the Pittsburgh representative of Procter & Gamble. Before adjourning, Mr. McGregor announced that the annual meeting of the chapter would be held at Bedford Springs on June 10.

In the evening the annual banquet of the Western Pennsylvania Bakers' Association was held, with Mr. Crider presiding. Mr. Seaman gave a report of the recent trip taken by a number of members to Cuba. His remarks relative to the trip were supplemented by Mr. Crider and Edward J. Burry, of the W. C. Burry Co. Other speakers were Mr. Britton, Mr. Wilde, E. R. Braun, Jr., Martin G. Beyer, president of the Retail Master Bakers' Association, and S. Reed Morningstar, vice president of the state association.

A feature of the banquet was the singing by the "bakers' sextette," composed of Mr. Wilde, Mr. Felix, Mr. Hamilton, E. R. Braun, Jr., Walter S. Grant and Harry C. Elste, of Standard Brands, Inc.

Mill representatives present were R. T. Hambleton, Washburn Crosby Co., Inc., C. M. Boycott and J. J. O'Brien, Pillsbury Flour Mills Co.; Adam Ziegler, William Kelly Milling Co.; Walter C. Mansfield, Southwestern Milling Co., Inc.; P. H. Hansen, Rodney Milling Co.; F. C. Meyer, Wisconsin Milling Co.;

## MILLER'S ALMANACK WITH THIS ISSUE

THE 1930 revision of THE MILLER'S ALMANACK AND YEAR BOOK OF THE BREADSTUFFS INDUSTRIES is being mailed to readers of The Northwestern Miller as Section Two of the current issue. PRESERVE IT. This standard fact and statistical publication is a recognized authority in the milling and baking industries, and in the flour, feed and grain trades. It is used in courts of law, in government bureaus, in schools, in business offices. IT WILL BE OF USE TO YOU.

Jesse C. Stewart and A. P. Cole, Jesse C. Stewart Co.; Daniel T. Felix and Harry C. May, brokers; R. R. Sanborn and C. E. Vickery, King Midas Mill Co.; V. M. Wintermantel, Commercial Milling Co.; E. J. Bernel, Eagle Roller Mill Co.; J. A. Swindell, Gwinn Milling Co.

## OHIO MILLERS WILL MEET IN COLUMBUS APRIL 17-18

COLUMBUS, Ohio.—Problems of marketing flour will largely occupy the attention of speakers and delegates at the twenty-sixth annual meeting of the Ohio Millers' State Association, when that body convenes at the Deshler-Wallick Hotel in Columbus on April 17. The convention will carry over the two days of Thursday and Friday, April 17 and 18, with the annual association dinner taking place on the evening of the first day.

Speakers and their subjects on Thursday afternoon, according to R. S. Wilcox, include Harry W. Cordell, professor of marketing, and Harold H. Maynard, chairman of the department of business organization, of Ohio State University. Professor Cordell will discuss the question, "Are Chain Stores Necessary?" while Professor Maynard will take up a companion subject, "Does the Independent Store Have a Future?" General discussion of flour marketing problems will follow the two papers.

The banquet speaker of the convention will be Professor Leighton G. Foster, of the department of rural economics at the Ohio university. His subject will be, "Some Factors Affecting the Movement of Ohio Wheat." A speaker yet to be announced will discuss "The Future of the Milling Industry in Ohio," at the meeting on Friday morning.

W. W. Wickersham, of Blanchester, Ohio, is president of the Ohio Millers' State Association.

## MILLS OF ST. LOUIS GRIND 78 PER CENT HARD WHEAT

St. Louis, Mo.—A compilation made by the St. Louis office of The Northwestern Miller from reports received from a number of mills which maintain their offices in St. Louis shows that St. Louis is overwhelmingly a hard wheat milling center. There has been, for some time, a feeling among the flour trade, especially that located in the East and in foreign countries, that St. Louis mills were mostly milling soft wheat and that they were not in a position to mill hard wheat on a competitive basis with mills located in Kansas City, Mo., or in Kansas milling centers. Local millers have done all in their power to overcome this erroneous impression but there still remain a number of flour buyers who cannot rid their minds of the idea that St. Louis is a soft wheat milling center.

The companies reporting to The Northwestern Miller represented 80 per cent of the capacity of the mills which maintain offices in St. Louis. In all cases the plants are not actually located in St. Louis although they are in near-by territory and generally regarded as St. Louis mills. It is interesting to note that at least one mill reported no soft wheat flour whatsoever milled in 1929, although the majority milled a certain amount. In the case of no individual mill, however, was the amount of soft wheat flour milled greater than the amount of hard

wheat flour. In fact the greatest proportion of soft wheat flour ground by any one individual mill was 43 per cent of the total output.

The mills that reported to The Northwestern Miller had a total flour output of 2,451,368 bbls flour in 1929 of which 1,914,430 were made from hard wheat and 536,938 from soft wheat. This represents a proportion of 78 per cent made from hard winter wheat as against a percentage of 22 made from soft wheat. Thus it will be seen that St. Louis is overwhelmingly a hard wheat milling center, and it is said that while the importance of soft wheat milling is still recognized here, it is considered likely that the proportion of hard wheat milled compared to soft wheat may grow even greater.

## CHINA, UNITED KINGDOM, ARE BEST FLOUR BUYERS

WASHINGTON, D. C.—Exports of flour from the United States during February amounted to 970,000 bbls. This total includes 3,000 bbls shipped to Alaska, 14,000 to Hawaii and 28,000 to Porto Rico. Wheat exports during February totaled 5,183,000 bus. The figures are those just announced by the United States Department of Commerce.

During February, the heaviest export flour movement was through the customs district of New York which handled 394,000 bbls. New Orleans district accounted for 133,000 bbls and the Washington ports 140,000. Flour shipments through the other customs districts during the month were: Philadelphia 6,000 bbls, Baltimore 6,000, Virginia 12,000, Mobile 9,000, Galveston 67,000, San Francisco 34,000, Oregon 97,000, all others 24,000.

On destination basis, the heaviest movements were to China, including Hongkong and Kwantung, 132,000 bbls, and to the United Kingdom, 116,000. Cuba took 92,000, Brazil 55,000, the Philippines 63,000 and the Netherlands 56,000.

Other substantial movements during February were: Denmark 37,000 bbls, Finland 17,000, Germany 38,000, Irish Free State 15,000, Norway 38,000, Costa Rica 15,000, Haiti 17,000, Venezuela 21,000, Egypt 19,000.

## CHEMISTS' COMMITTEES FOR CHICAGO MEETING CHOSEN

Plans for the convention of the American Association of Cereal Chemists are being developed rapidly, and two of the committees have been appointed. R. K. Durham will head the program committee, which is composed of Dr. C. H. Bailey, C. S. Miner, I. H. McLaren and W. C. Meyer, and Mrs. M. M. Brooke, of the Purity Bakeries Corporation, will have charge of the Chicago arrangements, assisted by a committee composed of Chicago members of the association. The convention will be held at the Edgewater Beach Hotel, Chicago, May 3-9.

## MR. STOLTZFU'S PRESENT CONNECTION

S. H. Stoltzfus, whose recently formed connection with the Wolf Co., Chambersburg, Pa., as representative in the Southwest, was announced in last week's edition of The Northwestern Miller, states that this connection does not result in any change so far as his present relations with the General Mill Equipment Co., of Kansas City, Mo., are concerned.

## CUBAN MILL PROJECT TAKES DEFINITE FORM

Promoters Seek Monopoly of Flour Production on Island—Would Reduce Imports of United States Flour

HAVANA, CUBA.—Plans for the establishment of a flour mill at the port of Matanzas, Cuba, which have been rumored for some time, are taking more definite form, and it is reported that the promoters have secured an option on suitable grounds and that the municipal government of Matanzas already has granted the prospective enterprise eight years' freedom from all municipal taxes. Promoters of the scheme are Dr. Granlier, governor of the state of Matanzas, and an attorney, Dr. Jose F. Castellanos.

Apparently these men are marshaling all their political forces in an effort to obtain a decreased duty on wheat, free entry of the milling machinery, and a concession granting them the exclusive right to manufacture wheat flour in Cuba. Should they be successful, the latter concession would give the enterprise a complete monopoly on wheat flour production in the country.

Cuban flour importers are apprehensive, fearing that the next step would be an effort to obtain a higher import duty on flour, and it is not improbable, once the mill has been established, that such an attempt would prove successful. As far as can be learned, it appears to be the intention of those behind the enterprise to purchase wheat, preferentially, in the Argentine.

It is reported that there are several American promoters in Cuba at present, who are hoping to purchase the concession from the Cubans for a large amount. Reliable reports indicate that no United States milling interests are behind the plan, and there is no evidence of Canadian participation, although it is said to be the intention of the promoters to sell the concession to a group of Canadian mills.

Should the project receive sufficient government assistance to warrant its realization, it would undoubtedly curtail imports of American flour and increase flour prices in Cuba. Some Cuban newspapers have attacked the plan on the latter ground.

## MEETING DELEGATES PICKED BY ST. LOUIS FLOUR CLUB

St. Louis, Mo.—At a meeting of the St. Louis Flour Club held here at the Hotel Lennox, March 25, it was decided that the club's official delegates at the forthcoming convention of the National Federated Flour Clubs in Chicago should be Russell G. Penn, president of the club and manager of the local office of the Pillsbury Flour Mills Co., and Julius J. Albrecht, of the Eberle-Albrecht Flour Co.

There was a fair attendance at the dinner meeting and although the number present may have disappointed some, the discussion of a number of topics that took place after dinner was found very interesting.

Julius Albrecht reported on behalf of a committee appointed at the last meeting of the club to look into the purpose of a bill then before Congress to promote the establishment of government controlled protein laboratories. Mr. Albrecht said that the committee had found the bill to be potentially most pernicious and, together with the Merchants' Exchange of St. Louis, they had sent resolutions protesting its passage to congressmen and senators in Missouri. He said that he understood that the bill had now been tabled.

## NEW PERUVIAN TAX

A Peruvian law, recently promulgated, authorizes a special consular invoice fee of 1 per cent of the invoice value of the goods, in addition to the present fee of 1 per cent of the invoice value on freight shipments, and 2 per cent of the invoice value on parcel post shipments, according to Commerce Reports.



## H. W. READ, PIONEER IN KANSAS MILLING, DEAD

President of Rea-Patterson Firm Succumbs After Week's Illness—Established Coffeyville Company in 1893

Hazzard W. Read, president of the Rea-Patterson Milling Co., Coffeyville, Kansas, died at his home, March 29, after an illness of a week. Heart trouble was the cause of his death. Mr. Read, who was 79 years old, went to Coffeyville, when it was a frontier settlement, and took a prominent part in the development of the town for more than half a century.

With his brother, Mr. Read opened a general store in Coffeyville in 1873 and continued its operation for 30 years before the partnership was dissolved. He also operated stores in Tulsa and Bartlesville, Okla., in the pioneer days. Largely instrumental in organizing the Rea-Patterson Milling Co., Mr. Read was its first president, and continued in that capacity since the organization in 1893, with the exception of a few years when illness caused his retirement. For many years he was president of the Kansas Wholesale Grocery Co. and vice president of the Fredonia (Kansas) Portland Cement Co. He was a member of the Masonic order.

Mr. Read is survived by his wife, four sons and two daughters. Funeral services were held at the First Methodist Episcopal Church in Coffeyville, March 31. Interment was at Elmwood Cemetery.

While not a practical miller, Mr. Read always took an active part in general direction of the affairs of the company of which he was nominal head. From its establishment until a few years ago, the Rea-Patterson Milling Co. was actively managed by Edward S. Rea. Following his death, A. T. Ragon was made manager and J. D. Evans sales manager. A week before Mr. Read's death, Mr. Ragon resigned and Mr. Evans became general manager.

## NEW FLOUR BROKER WILL REPRESENT THREE MILLS

CHICAGO, ILL.—C. E. Mounts, of Baltimore, stopped off in Chicago, March 31, on his way back from a week's trip to the Southwest. Mr. Mounts has just engaged in the flour brokerage business at Baltimore and will cover that market and near-by territory. He will represent the Tennant & Hoyt Co., Lake City, Minn., Abilene (Kansas) Flour Mills Co. and the Universal Mills, Fort Worth, Texas. Mr. Mounts formerly was with the Commander Milling Co. at Philadelphia, and also recently was its Baltimore manager.

## DR. M. C. WHITAKER WITH AMERICAN CYANAMID CO.

NEW YORK, N. Y.—The American Cyanamid Co. has announced the addition of Dr. Milton C. Whitaker to its executive staff, with headquarters at the company's general offices, 535 Fifth Avenue. Dr. Whitaker has been president of the United States Industrial Chemical Co., and vice president of its parent, the United States Industrial Alcohol Co., at the same time; editor of the Journal of Industrial and Engineering Chemistry; professor of chemical engineering at Columbia University, and general superintendent of the Welshach Co.

## H. LEE THOMPSON WILL JOIN HUNTER MILLING CO.

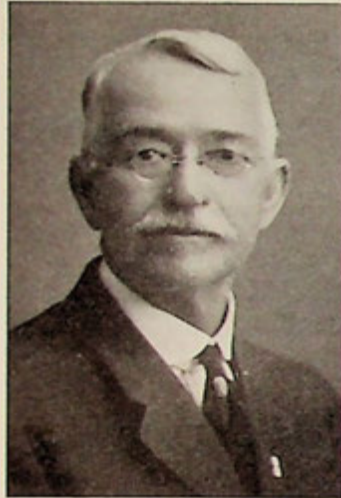
St. Louis, Mo.—H. Lee Thompson will resign, effective May 1, as sales manager for the Saxony Mills, St. Louis, to accept a position as assistant sales manager for the Hunter Milling Co., of Wellington, Kansas. The date of Mr. Thompson's departure for Wellington is not yet definite, but he expects to take up the new position well before the new crop buying season starts. Before joining the Saxony Mills, Mr. Thompson was connected with the Crete (Neb.) Mills, combining the duties of chief chemist with

those of southeastern sales manager and bakery demonstrator. He is very well known in Nebraska baking circles, having been secretary of the Nebraska Bakers' Association for some time, and having done considerable demonstration work in that state.

## MILLERS ATTEND SAFETY CONGRESS

KANSAS CITY, Mo.—Local flour and feed millers were in good representation at the meeting devoted to safety in the milling industry, in connection with the Central States Safety Congress, held here March 25.

E. H. Hogueland, president of the



The Late H. W. Read

Southwestern Millers' League, acted as chairman of the session dealing with millers' problems and emphasized the importance of a meeting of this nature.

C. M. Park of the Mutual Fire Prevention Bureau, Chicago, spoke on "Electrical Hazards in Mills and Elevators," bringing out in his paper some good points on the matter of electrical installation and selection of motors.

L. B. Stuart, manager of the Kansas City branch of the Ralston-Purina Co., cited some of his company's experiences in his paper on "The Value of Employees' Meetings."

## NEW YORK BAKERS ENJOY MEETING; ELECT MEMBERS

NEW YORK, N. Y.—The March meeting and luncheon of the Bakers' Club, Inc., held at the Hotel Commodore, March 26, was considered unusually successful and interesting by those who attended. The speaker, Dr. John Logan Davis, pastor of the Washington Square Methodist Church, talked on the trend of conditions with a humorous approach to the subject that members later said was suggestive of Will Rogers. Five new members were elected, Arthur Ebinger of the Ebinger Baking Co., Inc., Wayne G. Martin, Jr., of The Northwestern Miller and American Baker, D. M. Loewen of the Edison Storage Battery Co., Sidney Jacobson of the Henley Waxed Paper Co., and Gordon Lamont of Lamont, Corliss & Co.

## ELECTION MARKS DINNER OF BALTIMORE FLOUR CLUB

BALTIMORE, Md.—The Baltimore Flour Club held its annual banquet meeting and election of officers on the evening of March 25, Maryland Day, at the Baltimore Country Club. Twenty-eight were present. Business before the club included an application for membership from T. J. Bush, Baltimore manager for the Commander-Larabee Corporation, of Minneapolis, and three resignations, the latter being from Robert D. Sinton, Frank Ruth and C. DePeyster Valk. New officers, as proposed by the nominating committee, were duly elected as follows: Stanley G. Erdman, presi-

dent; Walter A. Frey, vice president; C. Emmerich Mears, treasurer, and Charles Minnigerode, secretary. The only retiring officer was Wilbur Behymer, who for two terms has served the club as president. After adjournment the members indulged in smoking, trade chat and howling before leaving for their homes.

## W. B. WINDSOR, MILLER, DEAD

Succumbs After Returning from Florida—Interested in Mills at Fergus Falls, Fargo and Perham

MINNEAPOLIS, MINN.—Walter B. Windsor, Minnesota miller, died at his home in Fergus Falls, March 30, from pneumonia. With his wife he had returned from St. Petersburg, Fla., only a few days before and apparently was in good health.

Mr. Windsor, who was 70 years of age, was born at Wheatchief, N. J., and emigrated to Aberdeen, S. D., in 1883. Sixteen years later, he went to Fergus Falls, and in partnership with his brother-in-law, D. A. Tennant, purchased the Otter Tail Flour Mill. A year later, they bought the Fergus Flour Mill and combined the two into the Fergus Flour Mills Co.

Later, they purchased the Fargo (N. D.) Mill Co., and in 1912 took control of the Globe Flour Mills Co., Perham, Minn. In 1923, the Fergus Flour Mills Co. sold its 450-bbl mill to the Red River Milling Co., which operated a 500-bbl mill. The latter company combined the two plants under its name. At the time of his death, Mr. Windsor was interested in the Red River company, as well as the Fargo and Perham plants.

Surviving are his widow, a son, two sisters and two brothers. Funeral services were to be held from St. James Episcopal Church, Fergus Falls, April 2.

## NEBRASKA BAKERS GATHER FOR CONVENTION OPENING

OMAHA, NEB.—Nebraska bakers are gathering here for their annual convention, which is being held at the Rome Hotel, April 1-3, and early registration indicates a good attendance. With the exception of an executive luncheon to supervise the program, no business meetings are scheduled for the first day. On the first evening a stag party has been arranged with a bridge dinner for the ladies. The program provides for discussions on bakery management from the angles of production, equipment, merchandising, and accounting. Trade practices will be considered, as well as the problems of co-operation between bakers and the position of chain stores.

A skit on the subject of retail bread sales is one of the entertainment features of the meeting.

## REORGANIZATION MADE IN INLAND MILL'S MANAGEMENT

KANSAS CITY, Mo.—In a reorganization of the management of the Inland Milling Co., Des Moines, Iowa, A. L. Goetzmann, who became vice president and general manager of the company a year and a half ago, retires and J. D. Kent, president of the Des Moines Elevator Co., becomes president and general manager. The Inland company is owned by local capital in Des Moines. Mr. Goetzmann will take an extended vacation with his family before re-engaging in business.

## BRYCE SMITH, BAKERY HEAD, CHOSEN KANSAS CITY MAYOR

KANSAS CITY, Mo.—Bryce B. Smith, first vice president of the General Baking Corporation, was elected mayor of Kansas City, Mo., by a majority of more than 23,000 votes at the city election, March 25. Mr. Smith polled 85,000 votes. During his campaign under the Democratic banner, Mr. Smith stated that he intended to run the city as he would his own business, in which he has been extraordinarily successful.

## LEGGE BELIEVES WHEAT ACREAGE WILL BE CUT

Farm Board Chairman Says Intentions to Plant Report Would Not Show Results of Reduction Campaign

WASHINGTON, D. C.—Although the report on "intentions to plant" issued by the Department of Agriculture as of March 1, suggests that the acreage of spring wheat other than durum may be as large as last year, Alexander Legge, chairman of the Federal Farm Board, expresses the opinion that there will be a substantial reduction in the acreage.

The Department of Agriculture report showed that acreage of durum wheat probably would be about 85 per cent of last year's planting, while the figure for other spring wheat was 100.1 per cent. Chairman Legge points out that because of lower prices on durum wheat, it would be natural for the spring wheat farmer, if he were reducing acreage, to reduce on durum rather than on other spring wheat. He points out, too, that the information on which the March 1 intentions to plant report is based, probably was gathered, in part, in February and would not reflect results obtained by the Farm Board's recent campaign for the reduction of spring wheat acreage.

Chairman Legge says the board sees some evidence of farmers swinging over to flax production in areas adapted to flax growing. This is borne out by the Department of Agriculture's report as it shows that flax acreage may be 127.2 per cent of the acreage last year.

Assuming that wheat acreage this year will be as great as it was last year, and that production is as large, there is nothing to suggest that the Federal Farm Board would resort to the export debentures as a stimulation for wheat exports, even if the export debentures provision of the tariff bill were permitted to remain in the measure. Chairman Legge recently replied to a question by saying that he believed the export debentures scheme would not work as foreign countries promptly would take such measures as were necessary to protect themselves from "dumping."

The chairman's remark did not go unchallenged by Senator William E. Borah, of Idaho, one of the chief exponents of the debentures plan of aiding agriculture. Senator Borah called the Senate's attention to Legge's remark, and called upon Alexander Hamilton to uphold the economic soundness of the export debentures plan.

Among the quotations from Hamilton, submitted for the Record, was the following:

"Bounties are sometimes not only the best but the only proper expedient for uniting the encouragement of a new object of agriculture with that of a new object of manufacture."

Senator Borah, in explaining his vote when the tariff bill was on passage, warned the Senate that if the export debentures provisions were eliminated in conference, the fight would be taken to the country.

MINNEAPOLIS, MINN.—Dr. John I. Coulter, chief economist for the United States Tariff Commission, Washington, is in the Northwest conferring with the heads of the different agricultural colleges, and others, looking toward a reduction in the spring wheat acreage.

Dr. Coulter was former head of the North Dakota Agricultural College, and recently was widely quoted as suggesting the diverting of 1,000,000 acres in the Northwest this year from wheat to flax and other grain. Thomas D. Campbell, known as the Montana wheat king, is broadcasting by radio from New York the advisability of reducing the acreage sown to wheat this year. On his farm, said to be the largest wheat ranch in the country, no wheat will be seeded this spring.

The Arkansas Baking Co., Pine Bluff, Ark., has increased its capital stock from \$40,000 to \$100,000, which will be divided into \$50,000 common stock and \$50,000 preferred. The increase was voted in order that the company might erect a new plant at McGehee, Ark.



## PROGRAM OUTLINED FOR CHEMISTS' MEETING

Committee Announces Subjects of Papers to Be Read Before Association Convention at Chicago, May 5-9

Plans are progressing rapidly for the sixteenth annual convention of the American Association of Cereal Chemists, which will be held at the Edgewater Beach Hotel, Chicago, May 5-9. Tentative arrangements indicate that in addition to the usual interesting features, there will be a complete program of amusement and sightseeing trips. Plans are already completed to conduct a golf tournament for the men, strictly on a handicap basis, for which substantial prizes will be awarded.

R. K. Durham, former secretary of the association, is chairman of the program committee and has arranged an instructive and practical type of meeting. Among the papers to be presented are the following:

C. O. Swanson, on storing combined wheat; C. F. Davis, on factors affecting protein determination; C. H. Bailey and E. G. Bayfield, the effect of premature freezing on water imbibing capacity of wheat; W. L. Heald, a modification of the Swanson mixer; M. J. Blish, some phase of gluten solubility; E. B. Working, some phase of dough fermentation; T. R. Aitken, an automatic proofing device for bread doughs; Emily Grewe, effect of fermentation temperature on baking quality when dry skim milk is used; C. G. Harrel, some basic principles of photography as applied to cereal work; Washington Platt, measuring staleness of bread; Dunlap & Chittick, measuring carbon dioxide; F. L. Gunderson, irradiated cereals; M. S. Fine, breakfast foods; Paul Logue, soft wheat flour. The complete program will be announced in the near future.

## ROOM FOR WHEAT STORAGE AT WICHITA, REPORT SAYS

KANSAS CITY, Mo.—Wichita grain men all agree that while wheat storage space in Wichita milling elevators is scarce at present, they are steadily being emptied and it is estimated that if millers agree, several million bushels could be handled by May 1, if needed by the Federal Farm Board.

Total capacity of Wichita elevators is 12,000,000 bus. The public elevators are still full and privately owned millers' elevators, with a capacity of 8,000,000 bus, are not quite so full.

The government agency would be willing to pay the insurance on wheat in public elevators thrown open to it, it is reported, and millers would charge nothing for storage. If millers should need to use any of the wheat for grinding it would be available to them at the prevailing market price. It is reported that Wichita millers will aid the government.

## KANSAS BAKERS ELECT J. E. MURRAY PRESIDENT

TOPEKA, KANSAS.—J. E. Murray, of Wichita, was elected president of the Kansas Bakers' Association, on the second day of the annual convention at the Hotel Kansan, here, March 25-26. Carl Drake, Lawrence, was chosen vice president of the northeast district; William Ehly, Osborne, vice president of the northwest district; R. V. Miller, Dodge City, vice president of the southwest district; C. C. Gillian, Concordia, vice president of the central district; Harry Pomroy, Pittsburg, vice president of the southeast district; J. S. Chase, Jr., Topeka, secretary-treasurer.

## BAKERS OF OHIO APPOINT FRANK NOYES SECRETARY

TOLEDO, OHIO.—Announcement has been made of the selection of Frank Noyes as secretary of the Ohio Bakers' Association by the board of trustees. Mr. Noyes is a resident of Columbus and is widely known for his executive and organizing

## STABILIZATION CORPORATION PERFECTING STORAGE AND SELLING PLAN

GEORGE S. MILNOR, vice president of the Grain Stabilization Corporation, on April 1, issued the following statement:

"In order to handle the surplus wheat in the most advantageous manner, the Grain Stabilization Corporation contemplates perfecting a wheat storage and selling plan, which it will submit to the milling industry. It is believed that the plan will tend toward avoiding the unnecessary concentration of wheat in terminal markets, thus keeping the wheat in a position where it is available to interior, as well as terminal, millers. The Grain Stabilization Corporation has stocks of milling wheat available at various points, which it is offering for sale at market prices, quality considered."

ability. He was formerly associated with the Robbins & Pearson Co., for whom he conducted various campaigns of national scope in advertising, publicity and fund raising. At the present time he is secretary of the Ohio Association of Dyers & Cleaners, but he expects to take up his new duties with the bakers not later than April 15. Charles Lasch, of the Lasch Baking Co., Cleveland, was elected to fill a vacancy on the board of trustees.

### NEW LITTLE ROCK BAKERY PLANNED

LITTLE ROCK, ARK.—Plans for a new plant were announced by Charles T. Meyer, president of the American Bakery, at a banquet for employees and officers, held at the Marion Hotel recently. A gain of 12½ per cent in 1929 sales over the previous year was cited by Mr. Meyer. Speakers on the program at the banquet were John D. Core, route foreman; H. E. Cross, of the sales department; Orville Henry, of the cake department; Walter Herring and W. H. Buck. Eugene Smith, the first salesman to sell flour to Mr. Meyer, acted as toastmaster. More than 80 employees were present.

### CARRY-OVER EQUAL TO 1929 FORECAST BY FEDERATION

On the assumption that the activities of the Grain Stabilization Corporation will not affect the rate of exporting wheat nor produce any other material change in the situation, the Millers' National Federation forecasts the probable wheat carry-over on July 1 as about 243,300,000 bus, compared with 245,000,000 in 1929, 128,000,000 in 1928, 123,000,000 in 1927, and average of former years of about 110,000,000.

The federation calculates the amount of wheat available on Jan. 1, 1930, as 642,800,000 bus, to which is added estimated imports to June 30, 1930, of 5,900,000. From this total supply of 648,700,000, the following amounts are deducted as estimates of disappearance between Jan. 1 and June 30: exports, 42,500,000 bus; mill consumption, 254,600,000; spring wheat seed, 26,300,000; waste, dockage, feed, etc., 80,000,000.

Commenting on the figures the federation says:

"Using the methods heretofore employed, the exports might be estimated as high as 84,800,000 bus for the six months, or as low as 27,300,000. Our calculation of 42,500,000 is believed, however, to represent a much more reasonable figure, unless the stabilization corporation should do a big export business. What this would amount to cannot, of course, be forecast and we have therefore omitted it from consideration. It should be noted that wheat exports have picked up quite a little as compared with last year; at the end of December we were 13,000,000 bus short of a year ago, but at the end of February only 7,000,000 behind.

"The disappearance of wheat through waste, dockage, screenings, loss in transportation and fed to animals is hard to forecast satisfactorily. This figure is nearly always large in years of cheap wheat and disappointing prices, and usually smaller when the opposite conditions prevail. Our estimate of 80,000,000

bus seems high, but we find others putting it as high as 100,000,000. In 1926 it was 16,000,000; in 1927, 8,000,000; in 1928, 80,000,000; in 1929, 38,000,000.

"It hardly seems likely for the carry-over to be less than 200,000,000 bus. There will have to be a heavy export movement of wheat and flour and a tremendous disappearance of wheat in other than milling and export channels to bring the figure down to that point. It seems most improbable that the carry-over will be less than 180,000,000. It might be much more than the estimated 243,300,000."

## C. T. BRAMBLETT IS DEAD

Death Comes Suddenly for General Field Representative for Kansas Flour Mills Corporation in Kansas City

KANSAS CITY, Mo.—C. T. Bramblett, general field representative of the Kansas Flour Mills Corporation, died suddenly from a heart attack at his home here late on the night of March 30. Mr. Bramblett had returned the previous day from an extended trade visiting trip and spent the day and evening with his family. Death came without preliminary warning. Mr. Bramblett had been connected with milling in the Southwest for many years. For a considerable time he was with the Larabee company in the Southeast, leaving that concern to become general manager of the Southern Baking Co. A year ago he associated himself with the Kansas Flour Mills Co. Mr. Bramblett is survived by the widow, a daughter of eighteen and a son of twelve years.



The Late C. T. Bramblett

## WHEAT CO-OPERATIVES IN CHICAGO MEETING

With 22 Organizations Eligible to Vote, First Election for Farmers' National Grain Corporation Is Planned

CHICAGO, ILL.—The first annual meeting of stockholders of the Farmers' National Grain Corporation, super co-operative, will be held at the Sherman Hotel, Chicago, April 8. Election of a board of directors will be the principal business before the stockholders. The new board will meet for organization and other purposes immediately after the election. Stock books were closed on March 25. Twenty-two grain co-operatives, representing all parts of the country, were declared eligible to participate in the stockholders' meeting and election. Nominations for directors will be made by stockholders and members at the meeting by whatever method they deem advisable, although these nominations will be kept as nearly in line as possible with the allocation set out in the corporation's by-laws. Stockholders eligible for participation in the meeting include: Central States' Grain Association, Inc., Indianapolis; Oklahoma Wheat Growers' Association, Enid, Okla.; Farmers' Educational & Co-operative Union, Kankakee, Ill.; National Farmers' Elevator Grain Co. Co-operative, Chicago; Farmers' Union Terminal Association, St. Paul; Indiana Farmers' Co-operative Elevator Co., Indianapolis; Ohio Equity Exchange Co., Lima; North Dakota-Montana Wheat Growers' Association, Grand Forks; Kansas Co-operative Wheat Marketing Association, Wichita; Kansas Farmers' Union Jobbing Association, Kansas City, Mo.; Ohio Farmers' Grain & Supply Association, Fostoria; Equity Union Grain Co., Kansas City, Mo.; Agricultural Corporation of Maryland, Baltimore; Northwest Grain Association, Minneapolis; North Pacific Grain Growers, Inc., Rosalia, Wash.; Farmers' West Central Grain Co-operative, Omaha; Equity Union Sales Co., Aberdeen, S. D.; Equity Union Co-operative Exchange, Enid, Okla.; Michigan Elevator Exchange, Lansing; Farmers' Co-operative Commission Co., Hutchinson, Kansas; South Dakota Wheat Growers' Association, Aberdeen; Minnesota Wheat Growers' Association, Minneapolis.

"It will easily be apparent from the lineup of present stockholders that the Farmers' National Grain Corporation has made tremendous strides in the centralization of the co-operative grain marketing movement since its organization a few months ago," said a statement from the organization department of the corporation. "Progress of the corporation indicates not only a long forward step by grain producers toward complete control of grain marketing through their own organizations, but also a closer knitting together of the farm organization interests of the country than heretofore has been regarded as possible. Both of these developments may well justify grain producers of the United States in a belief that their marketing problems are well on their way toward solution."

Since the organization of the Farmers' National Grain Corporation last summer, its affairs have been in the hands of the incorporating board of directors, selected by representatives of existing large grain co-operatives. The meeting of April 8 marks the turning over of these affairs to actual holders of stock in the corporation.

## NATIONAL MILLING AWARDS CONTRACTS FOR ELEVATOR

TOLEDO, OHIO.—Contract was awarded last week to the McDonald Engineering Co., Chicago, by the National Milling Co., Toledo, Ohio, for the erection of additional concrete storage of 2,100,000 bus which will bring the total elevator capacity to 4,500,000. The total expenditure will be \$600,000, including equipment, and the McDonald contract is for \$450,000. There will be installed additional car dumping equipment giving an unloading capacity of 150 cars a day and bringing the total unloading capacity to 225 cars.



# THE NORTHWEST

ROBERT T. BEATTY, NORTHWESTERN EDITOR

118 South 6th St., Minneapolis, Minn.

Correspondents at Duluth-Superior and Great Falls

Cable Address: "Palmking"

## MINNEAPOLIS

Spring wheat mills, in the main, are not actively seeking more business. It is estimated that present bookings exceed by more than 20 per cent the average for this time in the last five years, while some mills have more flour on their books than at any time on a corresponding date. They are, therefore, not anxious to add to their bookings, because what they have and what they should get in the ordinary course of affairs from old-established trade, assures them of a run equal to that of the present for almost the remainder of the crop year.

**Directions Slow.**—The trouble is in shipping directions. Notwithstanding the abnormal bookings, directions are scarce. If one is to judge from the week-to-week bookings of the trade as a whole, there must be a very large number of buyers who are forgetting all about their old contracts, and are buying from other mills at current prices to satisfy immediate needs.

Probably 80 per cent, or more, of the business on mill books was contracted for at prices above present levels. Some buyers, therefore, are staving off taking delivery of this high priced flour, ignoring the mills that are holding the bag for them, and piecing out their pressing needs from cheaper offerings on spot, or for shipment from other companies.

**Situation Is Serious.**—As the season advances, the situation becomes serious. Millers feel that they have temporized long enough. They are now notifying their representatives that if the trade does not voluntarily send in specifications, shipments will be made without further delay and delivery of same forced. Millers are taking a positive stand on this point and will fight for their rights.

In cases where cancellation of contracts is deemed advisable, cancellation charges, which represent the reselling cost of the flour involved, will be charged to the delinquent buyer. In addition, the mills will insist upon collecting carrying charges and the loss sustained because of differences in the market.

Millers realize that this is a drastic step to take, but they must take it for self-preservation. They cannot remain indifferent to what is going on any longer. Buyers who overbought, they say, must take their medicine and pay the costs involved.

**New Business Satisfactory.**—New bookings by spring wheat companies for the week ending March 25 were a little better than 20 per cent of the capacity represented. While not large, they were more than sufficient, everything considered.

**Clears Are Firm.**—Some good sales of second clear flour were made during the week for export. These helped to clean up accumulated stocks and take care of a good percentage of the output for April. Prices on this grade are expected to strengthen on this account. First clear is moving freely and is firm in price.

**Flour Prices.**—Quotations, April 1, hard spring wheat flour, basis cotton 98's or jute 140's, Minneapolis: short patent \$6.80@6.70 bbl, standard patent \$6.05@6.80, second patent \$5.75@6; fancy clear \$5.40@5.60, first clear \$5@5.10; second clear \$3@4.15; whole wheat, \$5.35@5.45; Graham, standard, \$5.35@5.45.

**Mills in Operation.**—Of the 26 Minneapolis mills, the following 14 were in operation April 1: Atkinson, Everett-Aughenbaugh, King Midas, Minneapolis, Northwestern Consolidated A, Pillsbury A (one half), AS, Anchor, Lincoln, Fallsdale and Phoenix, Washburn Crosby C (one half), Enst A, F., Gold Medal feed.

## SEMOLINAS

The semolina market is still devoid of interest. Buyers are obstinate about furnishing shipping directions, and are doing absolutely no fresh buying. Most companies are far behind on their contracts, and apparently are either not doing as much business as they had anticipated or are buying other grades of raw materials, in order to lower the cost of their manufactured product. Similar situations have been encountered in other years, but not to as great an extent. Meantime, durum mills are operating spasmodically, and asking prices are unchanged. No. 2 semolina 3½c lb, bulk, f.o.b., Minneapolis; intermediate grades 3½@3¼c and No. 3 semolina 3@3¼c. In the week ending March 29, eight Minneapolis and interior mills made 69,209 bbls durum products, compared with 59,885, made by nine mills, in the previous week.

## MINNEAPOLIS FLOUR OUTPUT

Output of Minneapolis mills, with comparisons, as reported to The Northwestern Miller:

	Weekly capacity bbls	Flour output bbls	Pct. of activity
March 23-29	407,100	205,047	50
Previous week	407,100	228,723	56
Year ago	460,800	168,740	37
Two years ago	460,800	266,894	68
Three years ago	460,800	260,307	43
Four years ago	529,200	207,132	39
Five years ago	548,700	146,073	27

## OUTSIDE MILLS

Flour output by the principal interior mills in Minnesota, including St. Paul, North Dakota, South Dakota, Montana, and Iowa, as reported to The Northwestern Miller, with comparisons:

	Weekly capacity bbls	Flour output bbls	Pct. of activity
March 23-29	439,950	181,865	41
Previous week	439,950	193,097	44
Year ago	436,950	215,983	49
Two years ago	428,700	223,864	52
Three years ago	440,700	302,516	68
Four years ago	424,890	309,624	49
Five years ago	433,890	194,384	45

## CROP YEAR OUTPUT AND EXPORTS

Flour output and foreign shipments by mills of Minneapolis, St. Paul and Duluth-Superior, also by "outside" mills in Minnesota, North and South Dakota, Montana and Iowa from Sept. 1, 1929, to March 29, 1930, with comparisons, in barrels (000's omitted):

	Output		Exports	
	1929-30	1928-29	1929-30	1928-29
Minneapolis	6,356	6,760	20	14
St. Paul	201	261	4	24
Duluth-Sup.	645	738	—	—
Outside	5,810	7,336	106	279

## EVERETT, AUGHENBAUGH & CO. CHANGES

At a joint meeting of the directors of Everett, Aughenbaugh & Co., and the Claro Milling Co., held in Minneapolis on March 27, the same officers were elected for both companies, as follows: M. P. Fuller, president; W. C. Herrmann, vice president; R. E. Bell, secretary, and G. C. Lehman, treasurer.

## GRAIN CO-OPERATIVES TO MEET

A call has been issued for a meeting of all the recognized co-operative grain marketing associations in the Northwest, to be held in Minneapolis, April 4. The meeting was decided upon, following a conference between C. E. Huff, chairman of the board of managers of the Farmers' National Grain Corporation, and the leaders of the various state associations in this territory. The object of the coming meeting is to attempt seriously to overcome confusion and friction, and to establish such relationships as will promote the general program of co-operation.

## NOTES

H. L. Beecher, president of the Eagle Roller Mill Co., New Ulm, Minn., has

returned from a two months' trip to the West Indies.

F. F. Henry, of Buffalo, a director of the General Mills, Inc., is spending a few days in Minneapolis.

The Rafert Baking Co., Minneapolis, has introduced a new loaf, under the brand "Smile" bread.

John Blythe, manager of the Buffalo branch of the Pillsbury Flour Mills Co., is visiting in Minneapolis.

The annual meeting of the stockholders of the Federal Bake Shops, Inc., will be held in Davenport, Iowa, April 16.

Ben C. McCabe, of the International Elevator Co., Duluth, has purchased a membership in the Minneapolis Chamber of Commerce.

On account of the illness of the owner, the steam bakery at Culbertson, Mont., is idle. This is the only bakery between Wolf Point and Williston.

A. C. Loring, president of the Pillsbury Flour Mills Co., Minneapolis, who has been on a trip to the Pacific Coast and Honolulu, is expected home the end of this week.

Maurice J. Beaubaire, secretary of the Northwestern Feed Co., Minneapolis, who has been incapacitated for the last six weeks, following an operation, is again able to be around.

The receivership proceedings against the Continental Grain Co., Minneapolis, were dismissed March 26. The assets of the company were found to be approximately \$40,000 in excess of liabilities.

Harry E. Kemp, who has been managing the Northern Flour Mills Co., at Missoula, Mont., was in Minneapolis March 27, on his way to Indianapolis, where he will visit with relatives for a few weeks.

C. E. Mounts has resigned as manager of the Baltimore office of the Commander-Larabee Corporation, Minneapolis, to enter the brokerage business on his own account. Mr. Mounts has been visiting old friends in Iowa during the past week.

L. H. Rasmussen has taken over his father's holdings in the Harlan City Roller Mills, at Harlan, Iowa, and is now sole owner of the property. The mill, which has a capacity of 100 bbls, grinds both wheat and corn and, in addition, acts as distributor for a large Minneapolis milling company.

A seed and feed loan office for farmers has been opened in Grand Forks, with L. E. White in charge. The office is under the supervision of the United States Department of Agriculture, and will serve North Dakota, Minnesota and Montana. The maximum loan to any one farmer is fixed by law at \$600.

Noble M. Coe, who for the past seven years has been in charge of the Chicago office of the Bay State Milling Co., Winona, Minn., has been made general sales manager of the company, with headquarters in Winona. Prior to his connection with the Bay State Milling Co., Mr. Coe was an officer in the United States regular army, stationed at Hawaii.

The Rochester (Minn.) Milling Co. has liquidated its affairs and retired from business. The elevator and first floor of the mill proper have been leased by a feed and seed company. Spencer M. Knapp, former president and manager, has gone into the insurance business, while his brother, Harold W. Knapp, is representing the Minneapolis Milling Co. in southern Minnesota. The Rochester mill was built originally in 1858, starting with three runs of buhrs. Incidentally, some of these buhrs were in constant use until 1912.

## DULUTH-SUPERIOR

There has been no marked change in the general character of market news or any indication tending to stimulate flour buying. Mills' business continues quiet as buyers are still cautious. Buyers are holding down purchases to barest possible point and mills hesitate to suggest increasing bookings when made even at the present low prices. The action of the farm board in reducing the loan value on spring wheat served to unsettle conditions more than ever.

Mills are getting inquiries for clear,

but are not able to make sales since they booked ahead quite liberally earlier in the year, and it will take several months to clean up the contracts. Shipping directions continue fair.

Inquiry for semolina is slow and light. Interest drags, and the mill finds no life to the demand, as only a few buyers show the need for new supplies, or immediate shipment. The bulk of the trade still is working on old contracts, and giving shipping orders when wanted.

Quotations, March 29, Duluth-Superior, f.o.b., mills, in 98-lb cottons: first patent, \$6.85@7.10 bbl; second patent, \$6.65@6.95; first clear, \$5.55@5.80; second clear, \$4.15@4.40.

Flour output at Duluth-Superior mills, with a capacity of 37,000 bbls, as reported to The Northwestern Miller:

	Output bbls	Pct. of activity
March 23-29	18,040	49
Previous week	15,370	42
Year ago	12,670	34
Two years ago	13,415	36

## NOTES

W. C. McCarthy, president of the Capital Elevator Co., has gone to Denham, N. M., for several weeks' stay.

Minneapolis visitors on the Duluth exchange last week were John Dieffenbach of the Amber Milling Co., Inc., and John P. Mitchell, of the W. C. Mitchell Co.

Elevators are getting cramped for room and not much more grain can be taken in before the point of actual congestion is reached. Stocks in Duluth-Superior houses total 37,164,211 bus, the largest on record, of which about 30,000,000 bus is wheat.

During this week, work will begin on the 239 concrete storage tanks to be added to elevator S at Duluth, which will give that plant 3,000,000 bus more room. When this addition is completed the Great Northern system at Superior will have a capacity of 13,000,000 bus.

A little sign of interest in shipping developed March 29, but up to that time the trade was dead. On that day a couple of cargoes of wheat were chartered for Buffalo. The rate is understood to have been 2c. Owners have been quoting the rate as 2½c, but tonnage has been offered to Buffalo at 2c. The Montreal rate is 10c asked.

## MONTANA

No material advance in flour business is noticeable. Buyers lack confidence in the ability of government agencies to hold the price of wheat in this country above the world level, and they limit their purchases to small orders to cover their immediate requirements. Specifications on old contracts are good, with most trade, and operation is at or near full capacity. There is an excellent demand for high grade first clears.

Quotations, March 29, f.o.b. mill, lots, cotton 98's: first patent \$5.80@6.25, standard \$5.60@5.80, first clear \$5.40@5.60.

## NOTES

C. R. McClave, president of the Montana Flour Mills Co., Great Falls, is making a business trip to the East.

Paul Trigg, treasurer of the Montana Flour Mills Co., Great Falls, will be one of the principal speakers at the Industrial Empire Bakers' Association convention at Spokane, Wash., April 12-13.

As part of an expansion program, the Judith Milling Co., Lewistown, has offered the unsold portion of 6,000 shares of 8 per cent cumulative preferred stock at \$100 each, and 20,000 shares of common with a par value of \$10, in units of one share of preferred and three of common at \$130 per unit.

Winter wheat in central Montana has sustained quite a little damage during the winter, mostly due to high winds. If reports are true, a number of fields will probably be planted to spring wheat. Moisture conditions so far are not satisfactory, as rainfall has been scant. There is but little subsoil moisture.

Premiums totaling 1,500,000,000 or \$300,000,000, were received by fire insurance companies in 1928, a result of direct insurance.



# THE SOUTHWEST

ROBERT E. STERLING, SOUTHWESTERN MANAGER

612-614 Board of Trade, Kansas City, Mo.

Correspondents at Atchison, Hutchinson, Oklahoma City, Omaha, Salina and Wichita  
Cable Address: "Palming"

**KANSAS CITY**

The average of sales again held to low levels, although some individual mills did a fair amount of business. The percentage of sales to capacity was in the neighborhood of 25 to 30 per cent for the week. Buying was again on a hand-to-mouth basis, although the wheat market held to steadiness throughout the week. Shipments consist principally of car lots to 1,000 bbls, although one order of slightly less than 15,000 bbls was received. Nearly all sales are for shipment in April or May, but a scattered few are beyond this time. The new business is about evenly divided between the bakery and jobbing trade.

**Milled Demand a Boon.**—The demand for millfeeds, strongly felt the last two weeks, is a boon to mills in the absence of a very active market for flour. Not only does it make itself felt in the matter of mixed cars, but also the demand for straight cars has kept offerings fairly well cleaned up.

**Better Volume of Instructions.**—Many mills report their contracts in better shape than for some months past. This is undoubtedly due to the emphasis they have laid on their salesmen to get flour ordered out. Insistence on the part of mills about cleaning up old contracts resulted in a better percentage of operations for the week.

**Export Fair.**—In one or two scattered cases export business was in greater volume than domestic, which is accounted for through good sales to the Latin American countries, but in general, export trade was unchanged. Scandinavia and one or two other countries on the Continent took modest sized amounts, but nearly all mills find the ideas of buyers on the other side out of line with their own conceptions.

**Prices Unchanged.**—As a consequence of a fairly steady wheat market and strength in feeds, flour prices are virtually unchanged over those of a week ago. Quotations, March 29, basis car lots, cotton 98's or jute 140's, f.o.b., Kansas City: short patent, \$5.70@6.40; 95 per cent, \$5.35@5.90; straight, \$5.10@5.60; first clear, \$4.25@4.50; second clear, \$3.60@3.85; low grade, \$3.25@3.35.

Foregoing are nominal prices named by established terminal and interior mills on flour under their own brands. On round lots, to large buyers or for export, actual sales may range, particularly on the better grades of flour, 10@50c under figures named.

**Production.**—The first table below shows the flour production and rate of activity of 61 representative southwestern mills, exclusive of Kansas City, Wichita, Omaha, St. Joseph, Salina and Atchison. Additional tables give the production and activity of principal milling centers in the territory.

61 REPRESENTATIVE MILLS			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	327,450	157,900	48
Previous week	327,450	152,616	46
Year ago	329,550	204,960	62
Two years ago	321,900	164,079	50
Five-year average			53
Ten-year average			52

KANSAS CITY			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	188,700	142,263	75
Previous week	188,700	131,715	71
Year ago	197,700	126,593	69
Two years ago	197,700	131,363	66
Five-year average			72
Ten-year average			70

WICHITA			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	62,400	25,267	45
Previous week	62,400	26,007	45
Year ago	62,400	21,526	34
Two years ago	62,400	31,310	50

SALINA			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	48,000	39,137	82
Previous week	48,000	31,542	66
Year ago	48,000	40,551	84
Two years ago	46,800	39,535	84

OMAHA			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	27,300	25,635	94
Previous week	27,300	24,427	89
Year ago	27,300	17,784	65
Two years ago	27,300	27,451	100

ST. JOSEPH			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	47,400	21,275	51
Previous week	47,400	25,508	54
Year ago	47,400	21,254	51
Two years ago	47,400	28,190	59

ATCHISON			
	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	
March 23-29	31,500	30,274	96
Previous week	31,500	28,222	90
Year ago	31,500	25,341	80
Two years ago	30,900	23,637	67

**PERCENTAGE OF CAPACITY SOLD**  
Reports of about 70 mills to The Northwestern Miller showed sales represented per cent of capacity as follows:  
March 23-29 ..... 52  
Previous week ..... 51  
Year ago ..... 58

Of the mills reporting, 2 reported domestic business active, 7 fair, 11 quiet, 8 slow, and 16 dull.  
Direct export shipments by all reporting mills outside of Kansas City were 20,600 bbls last week, 15,874 in the previous week, 9,272 a year ago, and 12,425 two years ago.

**FEDERAL RESERVE MILLING ANALYSIS**  
Commenting on flour production in the tenth federal reserve district, the Monthly Review of the Federal Reserve Bank of Kansas City says: "During the 23 milling days in February, flour mills in the tenth district were operated at 66.1 per cent of capacity, against 63.9 per cent for the 26 milling days in January, and 74.2 per cent for the 23 milling days in February last year, according to weekly reports of millers to The Northwestern Miller. While these figures indicate a higher rate of activity for February over January, the difference of three milling days gave February a smaller output of flour by 135,610 bbls than for the preceding month. In comparison with the like month and a like number of milling days in the preceding year, this year's February output of flour showed a decrease of 227,437 bbls."

Flour production in the tenth district, in barrels:

	Feb., '29	Jan., '29	Feb., '28
Atchison	121,581	133,303	114,194
Kansas City	577,072	606,015	600,268
Omaha	85,685	89,841	92,962
Salina	137,377	139,208	131,340
St. Joseph	69,215	113,626	110,559
Wichita	171,348	151,611	150,312
Outside	776,399	825,584	915,357
Totals	1,938,585	2,071,195	2,168,022

**NOTES**  
L. H. Bowen, of the Bowen Flour Mills Co., Independence, Kansas, was a Kansas City Board of Trade visitor last week.

Harry G. Randall, president and general manager of the Washburn Crosby Co., Kansas City, was a Wichita visitor for a few days.

J. Juul, president of the Southwestern Milling Co., Inc., Kansas City, has returned from Florida and Cuba where he spent his vacation.

J. H. Moore, president of the Wichita (Kansas) Flour Mills Co., spent the first of the week in Kansas City. He was accompanied by Mrs. Moore.

Gordon B. Wood, sales manager for the Midland Flour Milling Co., Kansas City, will return this week from a fortnight's trip through the central states.

Clarence M. Hardenbergh, vice president of the Commander-Larabee Corporation, Minneapolis, has returned to Minneapolis after a visit of several days here.

Ralph S. Herman and Tom Roberts, of the products control division of General Mills, Inc., Minneapolis, spent several days visiting at the office of the Washburn Crosby Co., Kansas City.

Roy S. Rayn, sales manager for the

Washburn Crosby Co., Kansas City, and L. J. Walsh, manager of the mill-feed department, spent the week end in St. Louis, attending a sales meeting.

A. Cairns, Winnipeg, statistician for the Canadian Wheat Pool, is spending a fortnight investigating crop conditions in Kansas, Oklahoma and Texas. He was a Kansas City visitor for a short time.

Edwin Markham, in charge of publicity for the Federal Farm Board, was a Kansas City Board of Trade visitor the latter part of last week. He left for central Kansas shortly afterward to visit his parents.

W. Lee O'Daniel, general manager of the Burrus Mill & Elevator Co., Fort Worth, Texas, accompanied by Mrs. O'Daniel, stopped off in Kansas City last week en route to the East, where they will spend a fortnight.

Dewey E. Waller, Kansas City representative of the Pillsbury Flour Mills Co., called on the trade in Salina, Kansas, and Hastings, Neb., last week. He was accompanied by H. M. Brown, manager of the company's Atchison mill.

Charles A. Barrows, export sales manager for the Midland Flour Milling Co., Kansas City, landed in New York last week, completing a three months' trip through the Latin American countries. He is expected to return to Kansas City this week.

Frank Rushton, general manager of the Rushton Baking Co., is confined to his home with an injury to his right foot, suffered when he turned his ankle on leaving a high school entertainment. Mr. Rushton is vice president of the Kansas City, Kansas, board of education.

Miss Hester Warkentin, youngest daughter of Carl B. Warkentin, president of the Midland Flour Milling Co., Kansas City, is recovering from a mastoid operation. Miss Wilhelmina Warkentin, a student at Leland Stanford University, is at home during her sister's illness.

A. V. Jay, western sales manager for the National Oil Products Co., Harrison, N. J., will leave Kansas City this week for an extended trip through the mid-western territory, accompanied by J. T. Sexton, Kansas City, midwestern representative of the company. Mr. Jay and Mr. Sexton recently returned from a trip through Kansas, where they found business conditions unusually good.

**OKLAHOMA**

Demand for flour has been light, with mills completing old contracts and buyers continuing to buy for present needs. However, the total volume of sales is larger with exports slightly better than domestic sales. The bulk of foreign orders were from the Latin American countries. Quotations: hard wheat short patent flour, \$6.30 bbl, soft wheat short patent, \$6.50; standard patent, \$5.80.

**NOTES**  
The Ponca City Milling Co. has been granted a building permit for a \$42,000 concrete grain warehouse.

The Wichita Mill & Elevator Co., of Wichita Falls, Texas, has been given a permit for the construction of a \$219,000 addition to its plant.

George G. Sahlberg, recently retired president of the Acme Flour Mills Co., of Oklahoma City, accompanied by Mrs. Sahlberg, landed in New York March 22, following a month's cruise in the Caribbean. They will visit in the East several weeks before returning to Oklahoma City.

**SALINA**

Both domestic and foreign sales were slow last week. Millers say that a large proportion of their trade has ordered out flour booked earlier in the season and is now disposed to buy from week to week to cover current needs only. Prices remain on the reduced level reached several weeks ago. Shipping instructions are more sluggish. Quotations, basis cotton 98's, Kansas City, on March 27: short patent, \$6.40 bbl; straight, \$5.50@5.75; 95 per cent, \$5.75@6.10.

**NOTES**  
E. W. Reed, sales manager for the Shellabarger Mill & Elevator Co., Salina,

attended the Kansas bakers' convention at Topeka, March 26.

Marshall Bartleson, of the sales department of the H. D. Lee Flour Mills Co., Salina, has returned from a several weeks' trip in the southern states.

E. J. Smiley, secretary of the Kansas Grain Dealers' Association, conducted a group meeting in Salina April 1, which was attended by members of the Salina Board of Trade.

D. E. Walter, of the Kansas City office of the Pillsbury Flour Mills Co., Minneapolis, and H. M. Brown, manager of the company's Atchison mill, visited in Salina the past week en route to Hastings, Neb.

**OMAHA**

While all Omaha mills are operating full time, they are booking much less new business than usual for this time of the year. New business booked last week was around 60 per cent of normal. Shipping directions came in very satisfactorily, however. Most of the orders booked were for small lots and for early shipment. No export business was reported.

**HUTCHINSON**

Flour business continues light, little or no interest being shown by the trade. Indications point to an overbought condition. Export inquiry is almost as slow, little business developing from scattered inquiries. Inability to furnish clears is holding up some bookings. Shipping directions continued slow. Quotations, basis cotton 98's, Kansas City: short patent, \$6.25; straight, \$5.75; first clear, \$4.25.

**NOTES**

W. B. Madaus, of the William Kelly Milling Co., Hutchinson, is the father of an 8-lb boy.

E. H. Myrick, of the grain department of the Pillsbury Flour Mills Co., Minneapolis, recently visited the Hutchinson market.

John Wall, sales manager for the Wall-Rogalsky Milling Co., McPherson, Kansas, left last week for an extended visit with connections in the southern states.

Wheat does not appear to be greatly damaged as yet, according to L. L. Gunn, general manager of the Barton County Flour Mills Co., Great Bend, Kansas. While the top is exceedingly dry, there still appears to be plenty of subsoil moisture.

Several millers of this section attended the annual convention of the Kansas Bakers' Association at Topeka. Among these were T. G. Hoover, Kansas representative of the William Kelly Milling Co., Hutchinson; J. M. Blair, manager of the Lyons (Kansas) Flour Milling Co.; F. A. Daugherty, sales manager for the Arnold Milling Co., Sterling.

**WICHITA**

Flour business remains quiet, with prices slightly higher. Demand is extremely dull, both in domestic and foreign circles. A little business with Holland was all that was reported abroad last week. Shipping directions have shown some slight improvement in the past few days, most millers report. Price advances amount to 10@60c, with present quotation at \$6.80@7, for short patent flour in cotton 48's, basis Kansas City territory.

**NOTES**

Cliff Kelly of the William Kelly Milling Co., Hutchinson, Kansas, visited Wichita millers during the week.

Harry G. Randall, president of the Washburn Crosby Co., Kansas City, was a visitor at the offices of the Red Star Milling Co., Wichita.

J. K. Moore, treasurer of the Acme Flour Mills Co., Oklahoma City, accompanied by his wife and infant daughter, spent the week end as guests of Mr. and Mrs. John H. Moore, at Wichita.

Charles Reynolds, assistant sales manager of the Wichita Flour Mills Co., recently called on the trade in western Kansas and Oklahoma with J. E. Devorss, territory representative.



# EUROPEAN DEPARTMENT

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## CZECH FLOUR LIMIT RULE PASSES INITIAL READING

WASHINGTON, D. C.—Approval by the Czechoslovak Parliament of the first reading of a bill limiting the use of wheat flour in baker's bread to 10 per cent with the balance rye flour, has been reported to the Department of Commerce.

A bill creating adjustable tariff increases above present rates also has been introduced by the Czechoslovak government. Stated in Czech crowns per 100 kilos (the crown at par equals \$0.296) the rates proposed are as follows: wheat, 25; rye, 50; barley, 36; oats, 34; flour and meal, 75. The exact amount applied will offset any decline of domestic price average during the latest three months, when that amounts to more than 11 per cent below average prices of the last five years.

Exceeding stocks on hand, the bill prohibits the sale of chemically bleached flour. It is proposed to make the bill effective 15 days after enactment, and early passage of the bill is predicted.

The London office of The Northwestern Miller advises that under the provisions all state and official bodies (local bodies and public utility services included) shall be obliged exclusively to use agricultural products of home origin. The bill expressly includes mill products. Mixtures of rye and wheat flour may only be made in the bakeries in order to avoid infringement by mixing home with foreign flour. For the same reason all loaves must be marked with the baker's initials.

This legislation will not be enforced in certain districts, where, for centuries, they have been in the habit of consuming a pure white bread, and the government does not wish the population to eat food to which it is not accustomed.

## WIFE OF A PIONEER DUTCH IMPORTER OF FLOUR, DEAD

LONDON, ENG.—The sudden death occurred on March 4, at Nymegen, Holland, of Mrs. Hannchen Knurr, the dearly loved wife of Friede Knurr, formerly of Rotterdam, which has brought great sorrow into their large family. Included in the family are the brothers van den Bergh, of Rotterdam, three of whom, Abraham, Joseph and Simon, married daughters of Mr. and Mrs. Friede Knurr. The deceased lady was 63 years of age and had been married 44 years, she and her husband living a life of close attachment and devotion to one another and their children. Her death is a very severe blow to her husband, who, with the breaking of a life's companionship, feels that there is nothing left to live for and is overwhelmed by his loss and his loneliness.

Mrs. Friede Knurr was not only a loyal and devoted wife and mother but also possessed very remarkable business ability, which she used in co-operation with her husband in building up his flour importing business from very small beginnings, until it became one of the most important in Holland. Friede Knurr was one of the first to import American flour into Holland, about 45 years ago, and his name soon became well known throughout Holland and also in the United States for his unusual enterprise and ability as an importer and salesman. His wonderful success enabled him to retire from active business, to Nymegen, about 20 years ago, when he transferred his business to the brothers Isadore and Simon

van den Bergh, the latter his son-in-law, who continue to carry on the business with equal enterprise and success under the name of N.V. Gebrs. van den Bergh's Industrie en Handelmaatschappij, in Rotterdam, and the members of the firm are known personally to many millers in the United States and Canada.

The Northwestern Miller desires to extend its deepest sympathy with Mr. Knurr and his bereaved family and in doing so is assured that it echoes the feelings of the family's very large circle of friends at home and abroad.

C. F. G. RAIKES.

## ROUMANIAN OUTLOOK POOR FOR DISPOSAL OF SURPLUS

BUCHAREST, ROUMANIA.—Prospects for the disposal of surplus grain stocks in Roumania are very poor, especially in the case of corn. According to the Federation of Roumanian Chambers of Commerce, the 1929 wheat yield was 28,000,000 quintals, barley 30,000,000, and corn 60,000,000. Practically the whole wheat crop is required for home consumption, only 2,000,000 quintals being available for export, but the export surplus of barley is 22,000,000 and of corn 25,000,000.

The export price obtainable for wheat is low, owing to the overproduction in the wheat growing countries of the world, also to the lack of the necessary agricultural credits and deficient means of transport. The position of the farmers accordingly is extremely unfavorable. Since there is no proper registry of landed property, especially in the Old Kingdom, most of the banks are disinclined to grant long loans at cheap rates of interest, the more so, as despite the stabilization of the lei currency the rate of interest continues between 18 and 30 per cent, thus excluding any profit on agricultural production. Therefore, the farmers are obliged to sell their grain at any price obtainable in order to cover their day to day requirements.

The Euxine ports, which are used for the export of grain from Braila and Galatz, are icebound during the winter months, thus making Constanza the only port available for the purpose. Here the limited number of silos and port warehouses are quite insufficient for an export movement on a large scale, and only 250 carloads can be dealt with daily. The remainder, therefore, has to be transported overland, and this, in its turn, is handicapped by the shortage of rolling stock.

In view of these many obstacles to the handling of grain the area sown is decreasing and this year is only 2,500,000 hectares compared with 2,800,000 last year. Without the aid of foreign capital there is no hope of any improvement in the plight of the farmers. They have asked the government to abolish the export tax on barley, but in view of shortness of funds the government treasury cannot forego this means of revenue.

The prospects in regard to the export of the surplus corn crop are especially gloomy, in the first place owing to its being too damp, through the rainy weather at the time of harvest, and secondly, because of the prospective large yield of the Plate crop, which will tend to lower values.

## DUTCH MILL UP FOR AUCTION

AMSTERDAM, HOLLAND.—The Dutch flour mill, known as "De Vrede," meaning "Peace," situated on the Northsea Canal, in the neighborhood of Zaandam, and belonging to N. V. C. Kamphuis' Fabrieken, Zaandam, has been put up for public sale. The mill, together with

ground and dwelling houses, covers about three acres. It was built in 1918, but was only operated for about half a year. It has a capacity of 140 tons of wheat flour per 24 hours, but the buildings were projected for a capacity of 300 tons. Attached to the mill is an elevator of 7,000 tons capacity, provided with a pneumatic apparatus for the intake and discharge of grain, together with weighing installation. The highest bid made for the property was 600,000 florins (about \$240,000), which was declined by the owners.

## HUNGARY'S EXPORTS

BUDAPEST, HUNGARY.—In January, Hungary exported 935,000 bus of wheat, 245,000 bus of rye and 239,680 bbls of flour. About 450,000 bus of Transdanubian wheat were taken up by Italy. Previous to the introduction of the new flour duty, which came into force on Feb. 15, Egypt imported 31,910 bbls of Hungarian wheat flours, but all these sales were made at depressed prices.

## DECLINE IN WHEAT AFFECTS ENTIRE HUNGARIAN NATION

BUDAPEST, HUNGARY.—The decline in wheat prices is regarded as a national calamity in Hungary, affecting not only the farmers, but all trade and commerce. A month ago wheat was governed by the domestic position, which rather justified a bullish view, the wheat offers in the most important growing districts of the Theiss being very scanty and the exportable surplus reduced to a modest quantity. However, the continual decline in over-sea markets could not fail to exert its influence upon prices in Hungary.

The outstanding feature of the market is the strong decline of option wheat for March delivery, which is quoted at about 99c per bu, the decline since the beginning of February amounting to 13c. This decline is due not only to the general downward trend of wheat prices, but also to technicalities of the option market; there are also weak holders among the buyers of March. However, up to now the whole quantity tendered has been taken up by buyers.

The decline in cash wheat, although not as heavy as that of the March option, is considerable enough, the price fluctuating, according to the natural weight and the place of origin, between \$1.02 and \$1.14 bu, delivered Budapest. October option wheat (new crop) is quoted at \$1.07 bu.

Whenever there is a big decline in wheat, agriculturists renew their old complaint concerning speculative maneuvers in the option market, which, in their opinion, are responsible for the decline. The real cause of the decline is the natural reaction of the disastrous drop of wheat prices in over-sea markets.

The domestic position in Hungary, as well as in Yugoslavia, justifies the opinion that in the coming months the price of wheat is likely to recover, because the bulk of the surplus has been already exported and the remainder is still available for the export does not exceed altogether 12,000,000 bus. The tendency of the wheat market will be governed by the development of the growing crops, and the trend of prices in over-sea markets.

The low level of the wheat price is a heavy blow for Hungarian farmers who suffer from the ineffectiveness of custom protection and claim from the government measures tending to improve the price of grain such as ruling in several other countries.

## PASSING OF JAMES MAHONY MUCH REGRETTED IN TRADE

LONDON, ENG.—The flour trade of Great Britain and Ireland lost another of its leading and most revered members in the person of James Mahony, member of the flour importing firm of Byrnes, Mahony & Co., Dublin, whose death was announced in The Northwestern Miller of March 26. Mr. Mahony was as well known in London as in Dublin, for at one time his firm maintained an office in London and Mr. Mahony used to divide his time between the two cities. His genial, happy temperament and his delightful Irish brogue and humor made him very popular among his fellow traders in London, and he was much missed when the firm closed down its London office some years ago. Since then his visits to London have been very rare, but he was always sure of a cordial welcome from all his old friends. He was a member of the National Association of Flour Importers, in which he took a keen interest, and spent 47 years in the grain and flour business.

Mr. Mahony took an intense interest in social work in his city. As a member of the Society of St. Vincent de Paul, he gave much time and money to helping those less fortunate than himself, and did some wonderful work for destitute and homeless men. At one time he was a member of the Dublin County Council and also of the council of the Dublin Chamber of Commerce. He was also a director of the Dublin Corn Exchange. There are many who mourn his passing for he was one of those men who are "the salt of the earth," putting into action his deep religious convictions. His funeral took place on March 6, at Glasnevin Cemetery, Dublin.

In spite of his long connection with the American and Canadian grain and flour trades he never visited the United States or Canada, but was well known to the millers throughout those two countries and in person to those few who met him either in Dublin or London.

C. F. G. RAIKES.

## BAKERS OPPOSE PROPOSED GERMAN WHEAT FLOUR LAWS

HAMBURG, GERMANY.—In order to improve the very unsatisfactory condition of the German rye market, the German food ministry is considering a proposal that the production and sale of pure wheat flour shall be prohibited and that an admixture of no less than 60 per cent of rye flour shall be legally prescribed. Authorities are of the opinion that while the 60 per cent regulation might cause difficulties, some percentage basis could be worked out to increase rye consumption.

The Central Union of German Bakers' Associations has protested against the proposal, declaring that it practically means a prohibition of the manufacture of fine pastry, which would lead to unemployment in the baking industry. Smuggling of unmixed foreign flour would result, the union points out.

The new bread bill proposed by the German government is being opposed by the large German bakers. It has not yet been adopted by the Reichstag and the objections raised against it are as follows:

It is being introduced with a view to helping the consumption of rye, but the bakers are of the opinion that it will not have the desired effect. Consumers will not be guided by the official indi-



tions of "rye bread," "mixed rye bread," etc. There are people who have always eaten a bread made from a percentage of rye flour and wheat flour, sold, according to law, as "mixed rye bread." Under the new law these persons will probably choose a bread containing the largest percentage of wheat flour, so bakers think it possible that under the new regulations the consumption of rye will be lessened instead of increased.

The new bill also provides that in future only loaves of a fixed weight shall be sold. Up to now in the greater part of Germany, especially in the northern districts, it has been the custom to maintain a fixed price for the loaf and to express fluctuations in the price of flour by the size of the loaf. When flour became cheaper the loaves were made larger, when flour was advanced in price, the loaves were made smaller. The keen competition among bakers was a guaranty to consumers that they would receive the correct weight.

Bakers further argue that in the southern districts of the country, where the system of fixed weight and varying prices has always ruled, the consumption of rye has declined, so that the system of fixed weight does not guarantee an increase in the consumption of rye. Moreover, it will lead to price competition among bakers. They will try to deliver the prescribed weight at the lowest possible price. For this purpose they will use a lower quality of rye flour in the "mixed rye bread" and in order to find compensation for the lower baking capacity, they will add more wheat flour to the mixture. The final result will be a decline instead of an increase in rye consumption.

Another objection against the system of legal weights is that when dough is weighed automatically—especially in large bakeries—small differences in weight are bound to occur. This they fear will lead to controversy between themselves and the law, and the outstanding objection of all to the new law is that it is in the nature of compulsion.

**PRICE OF RYE IN HUNGARY DROPS TO PROFITLESS LEVEL**

**BUDAPEST, HUNGARY.**—The price of Hungarian rye has declined to a level almost unprecedented. It is offered at 51c per bu, delivered Budapest, and owing to this low price it has successfully competed with German and Polish rye in most markets, including Austria, Germany, Switzerland, Holland, Norway and Italy. Czechoslovakia, formerly an importer of rye, has this season been a rye exporter and supplies about 35 per cent of the import requirements of Austria. The low prices obtainable are, naturally, very unsatisfactory to the farmer; especially when it is considered that the price of rye in 1913 was nearly as high as the present price of wheat. It is certain that the present price does not cover the cost of production. The domestic consumption of rye is very restricted, and the marketing of present supplies will meet with great difficulties.

**RUSSIAN WHEAT AT BUDAPEST**

**BUDAPEST, HUNGARY.**—Recently samples of Russian wheat were shown on the Budapest Corn Exchange. These "Azima" wheats are small grained, hard, showing a natural weight of 64@65 lbs per bu and seem to have conserved their good pre-war quality. Hungarian wheat exporters will have to compete with these Russian wheats in Italian markets.

**BAKING OVEN INVENTOR DEAD**

**BALTIMORE, Md.**—George F. Smith, president of the George F. Smith Oven Co., Inc., Baltimore, died at the Sinai Hospital recently, after an illness of more than a month. He was 79 years of age and a member of the Masonic order. He is survived by two sons.

**LONDON FLOUR ARRIVALS**

The arrivals of flour in London by weeks, in sacks of 250 lbs, showing countries of origin:

From—	—Week ending—		
	Feb. 28	Mar. 7	Mar. 14
United States—	1,920	1,600	1,920
Atlantic .....	6,185	3,525	250
Canada—Atlantic .....	6,335	4,300	12,325
Australia .....	2,100	—	1,200
Argentina .....	12,736	3,083	25
Continent .....	21,593	11,365	1,319
Coastwise .....	2,392	1,540	—

**ST. LOUIS DISTRICT**

**ARTHUR F. G. RAIKES, MANAGER**

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**ST. LOUIS**

The same rather slow demand for flour continued last week, with some millers more concerned about shipping the flour they already have booked than in getting new business. On the whole, mills said that shipping directions were coming in fairly well, although others complained that instructions had to be fought for even if one did obtain them eventually. At least one mill reports that it has enough flour on the books to run for the next two months, and so it is more concerned with shipping that before the new crop buying season arrives.

**Food Situation.**—There was some talk last week to the effect that the late sudden upturn in millfeeds confirmed the fact that mills' business in flour recently has been very poor. These theorists said that it showed that mills had been operating at a subnormal rate of capacity, and that there was a consequent shortage of feed. Flour production figures, at least in this territory, do not show this to be the case. Mills' operations have been about normal, and there is little question that the spurt in feed was caused more by the fact that buyers had allowed their stocks to run down to almost nothing, and when there was some sign of strength everyone wanted to buy at the same time, with a resultant sharp advance in prices.

**Buying Stamped?**—It is entirely possible that the same thing may happen in flour any day. With wheat looking stronger, on the basis of the annual killing of the crop in the Southwest, buyers, of whom there must be hundreds who have let their stocks get below usual levels, may stampee into the market and surprise mills with a really good volume of flour purchases. The only trouble is that most buyers are fully aware of the fact that it is early yet to kill the Kansas crop, and that a lot of things can happen between now and harvest. They also keep definitely in mind the fact that there is said to be entirely too much wheat in the United States at the present time. Until that surplus of wheat can be wiped out, the buyer is likely to continue a cautious soul, and no one can blame him for that.

**Export Sales.**—Exports were of about the same volume as in recent weeks, a few sales of 500 sacks to scattered points with no real snap to the demand. Importers in Europe complain bitterly because local mills are so far out of line compared with Canada. Latin America took on some flour last week, but most of it was in very small lots for fairly near-by shipment.

Quotations, basis jute 140's, March 29, St. Louis: soft winter short patent \$5.93 @ 6.25, straight \$5.40 @ 5.55, first clear hard winter short patent \$5.40 @ 5.60, 95 per cent patent \$5 @ 5.20, first clear \$4.40 @ 4.60; spring wheat top patent \$6 @ 6.40, standard patent \$5.70 @ 6, first clear \$4.70 @ 4.90.

**FLOUR OUTPUT**

Output of St. Louis mills, with a weekly capacity of 60,900 bbls, as reported to The Northwestern Miller:

	Output bbls	Pct. of activity
March 23-29 .....	53,650	88
Previous week .....	37,100	61
Year ago .....	29,900	50
Two years ago .....	33,600	55

Output of outside mills, with a weekly capacity of 87,000 bbls, the product of which is sold from St. Louis:

	Output bbls	Pct. of activity
March 23-29 .....	39,300	45
Previous week .....	43,000	50
Year ago .....	41,300	47
Two years ago .....	44,000	51

**A CORRECTION**

In an item in the St. Louis department recently it was stated that Valde-

mar Kruse was the son of Hans Kruse, flour importer of Copenhagen, Denmark. Mr. Kruse is no relation of the Mr. Kruse at Copenhagen, although his father is a Danish importer of Aarhus. Valdemar Kruse is leaving this market in the near future, as he has now finished his work in this country. He has studied the American milling, baking and canning industries in the two years he has been in the United States, and he expects to join his father's firm as soon as he returns to Denmark. He will sail from New York in the first part of May.

**NOTES**

Frank Tully, flour buyer for the Great Atlantic & Pacific Tea Co., was a St. Louis visitor last week. It is understood that he was here to look over some of the company's properties rather than to buy staggering amounts of flour.

The Plant Flour Mills Co., St. Louis, is moving its offices this week from the Planters' Building to its mill. The company has had this in mind for some time, and now that the space has been made available at the mill the move is being carried out as quickly as possible.

**NEW ORLEANS**

Flour trading is exceedingly slow in the local market with buyers taking hold only when forced to and in the smallest possible quantities.

At the close of the week of March 29 prices were inclined to be unsteady, and it was believed that the coming week would probably find them at lower levels. This is one of the reasons why there is so little buying in the local market, purchasers evidently believing that prices are due for a break, and are trying to hold off until it happens. From the way in which the market has been acting recently it is probable that this may occur, buyers say, although traders seem to have a different opinion.

It is believed that the cause for the dullness in the local flour market is not due to the market itself, but can be traced to the general business condition of the entire country. When this shows an improvement it is very likely that the flour trade will return to its level of about three years ago. Prices are nominal, but they are higher than the trade here will pay, while business conditions do not permit buying for future requirements.

Quotations, March 28, basis 98's: spring wheat short patent \$7 bbl, 95 per cent \$6.70, 100 per cent \$6.50, cut \$6.20; hard winter short patent \$5.70, 95 per cent \$5.40, 100 per cent \$5.20, cut \$4.90, first clear \$4.70, second clear \$4; soft winter short patent \$6.50, 95 per cent \$6.10, 100 per cent \$5.90, cut \$5.60, first clear \$4.90, second clear \$4.20.

Semolina prices continue to hold their low levels, the lowest in three years, and trading in this quarter was brisk. Macaroni manufacturers realize that this is an opportunity that is seldom to be had, and in many instances are buying for deferred shipment. No. 2 semolina was quoted on March 28 at 37c lb, bulk.

Shipments from this port are good despite the reluctant manner in which local buyers take hold. Purchasers in Latin America especially are showing an improved interest in local offerings, and Europe also is taking a larger quantity of flour than usual. The fact that mills farther north are able to quote lower prices has caused much of this business to be handled through them direct, and brokers sell very little flour to foreign ports. Many Latin American buyers, however, who have not entered the market for some time bought flour on a fairly large scale during the past two weeks.

During the seven days ended March 29 a total of 62,261 200-lb bags of flour was shipped through this port. Latin America took 31,681 and Europe 24,580 as follows: Rotterdam 10,250, Amsterdam 7,580, Amsterdam-Rotterdam 4,650, Bremen 600, Hamburg 700, and London 500.

**RUICE**

Trading in the local rice market is fair, with no change in prices. It is expected that when present supplies in second hands are cleared up there will be an increase in selling and a probable advance in prices. Prices show a tendency to work upward, which is the cause of some buying. Buying, however, is mostly spot. Sales of rough rice are at a standstill and the total is far behind last year's at this time. Blue Rose was quoted at 4 1/2 @ 4 1/4 lb; Edith 4 1/2 @ 5 1/4; screenings 2 1/2 @ 3 1/4; bran \$22.50 ton; polish \$29.50.

Rough receipts during the season to March 29 amounted to 301,918 sacks, same period last year 284,134; clean receipts this season 626,691 pockets, same period last year 538,222.

Rough sales during the season to March 28 amounted to 7,077 sacks, same period last year 35,972; clean sales this season 210,833 pockets, same period last year 218,446.

**NOTES**

W. B. Bloomfield, of the Globe Grain & Milling Co., Ogden, was a visitor in the city calling on J. S. Waterman & Co.

H. L. Beecher, president and general manager of the Eagle Roller Mill Co., New Ulm, Minn., called on J. H. Thomson, his local representative. Mr. Beecher has just returned from a trip to the West Indies.

Opening of a branch in Gulfport, Miss., was announced by the United Cash Wholesale Co., of New Orleans. This is the fifth branch opened during the past three years, according to L. E. Levy, president.

**MEMPHIS**

Movement of flour is about up to normal for this time of the year, but buyers are showing no inclination to anticipate needs. Fairly good movement on contracts is reported, although some are still letting them ride and picking up present needs at cheaper levels. New business is not large, yet the smallness of stocks in so many hands necessitates some buying, and prices are regarded as reasonable. One reason for the slack demand appears to be lack of any feeling that prices will work higher, although close attention is being given to reports from the crop and anything like a real "scare" would have quick effect with supplies so limited.

General conditions are only fair, as the matter of cotton acreage is still uncertain and the financial situation is not good in many sections. Specialists in the lower grades and cheaper flours are having good demand from districts where price is given precedence over quality. Quotations show little change, averaging slightly better.

Flour quotations March 29, basis 98's, carlots, f.o.b., Memphis, are: spring wheat short patent \$7.25 @ 7.40, standard patent \$6.25 @ 7.10; hard winter short patent \$6.50 @ 6.95, standard patent \$5.85 @ 6.25; soft winter short patent \$7.25 @ 8, standard patent \$6.40 @ 6.85; western soft patent \$6.20 @ 6.30, low proteins \$5.40 @ 5.75, blended 95 per cent patent \$6 @ 6.25.

**NOTES**

H. S. Fulcher, representing Missouri and Oklahoma mills, is back from a business trip to points in West Tennessee and feels encouraged over the prospects.

J. Juul, president of the Southwestern Milling Co., Inc., accompanied by Mrs. Juul, spent a day here last week as the guest of John L. Schofield, local manager. The Juuls were returning to Kansas City after a trip to Florida and Cuba.

J. L. Schofield, manager of the local branch of the Southwestern Milling Co., Inc., has returned from a trip to points in the Southeast and found conditions about as they are in this territory, with buyers taking only for their immediate needs.





# DOMINION OF CANADA

A. H. BAILEY, CANADIAN MANAGER

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Correspondents at Montreal, Winnipeg and Vancouver  
Cable Address: "Palmking"

## TORONTO

Spring wheat milling companies report a marked improvement in demand for mixed ears of flour and feed. Stocks in country hands are cleaned up, which means new business for these mills. Better road conditions are another favorable factor. Bakers in cities and towns are taking their customary quantities. Mill prices for standard grades of spring wheat flour show no change. Quotations, March 29: top patent, \$7.90; patent, \$7.65; second patent, \$7.30; export patent, \$6.90; first clear, \$6.20; graham flour, \$6.60; whole wheat flour, \$6.60,—all per bbl, in 95-lb jute bags, f.o.b., mixed cars, less 10c bbl for spot cash, plus cartage if delivered.

**Ontario Winters.**—There is a better demand for soft winter wheat flour, and mills are now on the other horn of their eternal dilemma. When wheat is offering freely they cannot sell flour, and when flour is wanted they can get no wheat. Prices are 10c bbl higher. Quotations, March 29: good quality 90 per cent patents from country mills, \$4.90@5 bbl, bulk, in buyers' bags, seaboard, for export, \$5.10 @5.20, in secondhand jute, car lots, on track, Montreal or Toronto.

**Exporting.**—Fairly average quantities of springs were sold for export last week, the buying markets being Great Britain, central Europe, Newfoundland and the West Indies. At the new rate of duty in Germany, 23.25 marks per 100 kilos, further business there will be difficult. Czechoslovakia plans to increase its rates in May. Gradually barriers are being imposed in all European countries. Meanwhile Canadian mills are doing enough here and there to keep things going till better times roll around again. Since a week ago prices have declined 6d@1s. Quotations, March 29: export patents 31s per 280, c.i.f., London or Liverpool, April-May seaboard loading; Glasgow 31s 6d.

No winters are being sold for export. Their nominal value is 32@33s per 280 lbs, in buyers' bags, c.i.f., Glasgow.

### NOTES

Considerable quantities of Canadian wheat and flour have been going into Switzerland by indirect routes. Both Germany and Holland participate in these resale transactions.

The average price of cash No. 1 northern wheat at Winnipeg in the month of March, 1928, was \$1.27 bu as against \$1.48 in 1927 and \$1.43 in 1926. In pre-war days the average for that month used to be about 90c bu.

There are still 200,000,000 bus of Canadian wheat in the visible supply on this side of the Atlantic. This is a reduction of 3,000,000 bus for the week and compares with 194,000,000 bus a year ago. Of the total quantity 94,000,000 bus are inspected and in terminals and of this quantity 62,000,000 bus are of millable grades, No. 4 or better.

It is hard to believe that resellers of Canadian flour in Great Britain should be making offers to the trade at prices below what mills can accept for current lots but such is the case. Evidence of this was quite apparent last week. Some of this flour is said to have been bought from the mills that made it at around 28s 6d per sack. Today's mill price is around 31s.

On the basis of today's price for hogs in Ontario some farmers maintain that good milling grades of winter wheat for which they might obtain \$1.10 bu or thereabouts on the market are worth \$1.50 bu as feed. Accordingly the grain is being fed. It is further argued that

## Pool President Reviews Situation

TORONTO, Ont.—Copies of an address by A. J. McPhail, president of the Canadian Wheat Pool, delivered before the Board of Trade of Regina, Sask., March 13, are now available for public reading through the courtesy of the publicity department of the pool. This is by far the most interesting and important contribution so far made to the available information on this subject. Much has been said by others about the pool and its policies in relation to the current situation in the grain trade, but in most cases this was necessarily of an academic character. Mr. McPhail has spoken from personal knowledge of the facts and with a frankness and sincerity that are impressive. His disclosures as to actions and policies of the pool answer many of the questions that have been agitating the public mind and should set at rest misgiving that has been present in many quarters ever since the current situation in the wheat markets of this country developed.

Inevitably, there will be some to question Mr. McPhail's conclusions, even though they do not question his statement of facts, but for the most part he did not inject opinions of his own into this address. His audience was invited to draw its own conclusions and the reader is left to do the same. Mr. McPhail's story about the recent trip which he, Mr. McLeod and Mr. McIntyre made to England dissipates the wrong impression which some newspapers gave of that event and its purpose. Again, his account of the trading operations of the pool throughout the critical months of 1929 and so far in 1930 is a reasonable one and has every appearance of sincerity. In the circumstances described there was not much choice for the pool as to what it should do.

It is a matter of regret that this address is too long for reproduction here. Neither can it be summarized in a satisfactory manner. Every paragraph has a meaning of its own and has a definite relationship to the whole. However, there is one that is of quotable length, and as it epitomizes the lesson the speaker was trying to convey it is reproduced as follows:

"I have ground for hoping that we can come out of this situation reasonably well, but I believe that we must, as farmers, give very serious consideration to the future. In view of the very definite policies of European countries in the direction of encouraging the production of home wheat, in order to make for more independence of foreign countries for their food supplies, Canadian farmers will do well to seriously consider their methods of production, and particularly their costs of production, as well as the quality of their products. Quality is of supreme importance. In spite of all that may be said to the contrary, our wheat is regarded everywhere without reserve as of superior quality to that of any other wheat being exported to the European markets. Nevertheless, it is only the remarkable coincidence of short crops in the four principal wheat exporting countries, that has saved the situation for us this year."

Readers of The Northwestern Miller who may wish to study this address should be able to get copies for themselves from the offices of the Canadian Wheat Pool in Winnipeg as long as the supply holds out. So far as is known no charge is made for copies.

wheat is the cheapest feed the farmer can use. Oats are considerably dearer and so are the other grains.

South Africa has increased its duty on imported flour and wheat. The rate now in effect is 5s 3d per 100 lbs on flour and 2s 6d on wheat. After June 30 next the

duty on flour will be 4s 8d with another 8d optional or suspended and applicable at any time on proclamation. On the same date 6d of the duty on wheat will be suspended. These rates are the preferential or minimum duties. The maximum rates are 4d higher on flour.

## Alberta Government Helps Save the Situation

By Aubrey Fullerton

SEVERAL pertinent facts in connection with the grain marketing situation and the government guaranties of wheat pool margins have emerged in the course of debate in the Alberta legislature. It has been many a day since wheat has figured so largely in the provincial house or the economies of wheat marketing been given so much emphasis. Yet the element of public risk in the action taken is not nearly so great as it appears on the surface.

If the worst happens, the net liability that the province of Alberta would incur would not exceed \$1,500,000. That, at any rate, is the computation of Premier Brownlee, who declared, while the guaranty bill was going through, that wheat would have to drop to ten cents below the dollar figure to involve the public treasury to even that extent. Commercial reserves in excess of \$2,000,000, and other securities, more or less fluid, totaling twice that amount, have been pledged to the government by the Alberta pool as protection against any possible liability for the guaranty, and the premier had this in mind when he insisted that the net risk is comparatively small.

Some objection was taken by the opposition sides of the house to the power the pool, with government approval, will now have to step into the open market and buy wheat, if occasion warrants; that is to say, if conditions become such that to save western Canada from "utter demoralization" the market must be stabilized by adding to the supplies already in hand. A small quantity of wheat, it was claimed, would save the situation. If 5,000,000 bus were bought and if there were a loss of 20c per bu, Alberta's risk would be only one third, yet that amount of grain would very likely turn the balance in an emergency.

Three times in its six years' history the pool has purchased wheat during a downward trend, and always for the purpose of stabilizing the market. These occasions were in 1925, 1929, and the present year, and in no case, it was announced in the legislature, had the purchases amounted to 5,000,000 bus. As the pool sees things, this disproves the charge that it has been gambling.

Whether or not the pool was justified in those three purchases, which did in a small way what the United States wheat

board has done in a much larger way, responsibility for any future purchases will be taken by the prairie government. The understanding is, however, that they will go on the market in this way when they consider it vitally necessary to the welfare of the country.

That the action of the Alberta and other governments has been in the interest of the wheat pool only is emphatically denied by Premier Brownlee and his colleagues, who claim that general business in the West would suffer disastrously if large quantities of wheat were forced on the market during a period when export influence was being directed to bearing down that market. To the extent that it prevents a more panicky condition, the government's guaranty to the pool is a benefit to the nonpool as well as the pool farmer, and to all the other interests depending upon agriculture.

Since the matter first came up there has been a good deal of criticism of the wheat pool for holding back the flow of grain and so interfering with the law of supply and demand. The apologists for the pool deny this charge too. They admit the fact of supply and demand, but claim that the pool is merely trying for "orderly marketing" and that "its carry-over at the end of any year has been within its fair proportion of Canada's total carry-over." Again quoting Premier Brownlee, who was the chief sponsor of the guaranty bill in the Alberta house:

"For the crop year 1929-30 the pool's handling is slightly over 50 per cent of the total crop, so that the other 50 per cent is held by other interests, and the export sales for this year show that no larger percentage of nonpool wheat has been exported than pool wheat, and that if there is any huge gamble all holders of Canadian wheat, nonpool as well as pool, have been equally responsible, yet the propaganda is directed only at the wheat pool."

On this question of carry-over, the following figures have been given out: In the 1924-25 season the Alberta pool's carry-over was 2,000,856 bus; 1925-26, 10,319,000; 1926-27, 7,147,000; 1927-28, 10,319,000. There was a large carry-over of low grade wheat in 1928-29, and some of this is still on hand and is covered by the government guaranty; but it is claimed to have always been well within a reasonable percentage, and to be now down to small proportions.

As to the holdings of last year's crop the Hon. George Hoadley, Alberta minister of agriculture, expressed confidence that all the wheat now in the province will be disposed of in due course at a reasonably profitable price, which will be reasonable also to the consumer in Europe.

"I am convinced," said Mr. Hoadley, "even in spite of the present price, that if the old marketing system were in vogue, with the wheat thrown on the market in bulk, there would be a price now nearer 50c bu than the present figure. The pool is accomplishing its purpose of orderly marketing."

## WINNIPEG

A little export business was done in flour last week, but the amount was not appreciable. Large mills are operating only about one third capacity and have very few bookings ahead. Domestic trade is just moderate with buyers following a hand-to-mouth policy. The erratic trend of the wheat market is not helping matters any, and oriental trade is suffering from a low silver exchange with China. Prices show no change.

For delivery between Fort William and



the Alberta boundary, top patent springs were quoted, March 29, at \$7.65 bbl, jute, and seconds at \$7.05; cottons 15c more; Pacific coast points 50c more. Second patents to bakers were quoted at \$7.05, car lots, basis jute 98's.

NOTES

Fire destroyed the grain elevator of the Federal Grain, Ltd., located at Yeoman, Sask. Some 10,000 bus of wheat were lost in the conflagration.

Reports from southern Alberta say that plowing and disking operations are in progress there. Alberta's snow covering has long since disappeared and the top soil in many parts is said to be so dry that severe dust storms have been experienced.

J. C. Gage, president of Federal Grain, Ltd., Winnipeg, and well known figure in grain circles, was last week appointed a director of the Home Oil Co., Ltd., at a meeting held in Vancouver, B. C.

No undue hopes of receiving further payments at this time on 1929 deliveries of wheat were held out to pool members by R. J. Moffat, a director of the Wheat Pool, who addressed a meeting of 109 contract signers at Saskatoon last week.

The grain firm of Geo. W. Matthews & Co., Winnipeg, which went into voluntary liquidation some weeks ago is expected to resume business. A statement by the liquidators shows a preponderance of assets over liabilities. The firm maintained branches at several points in western Canada.

MONTREAL

Asked as to the flour situation, C. H. G. Short, president of the Canadian National Millers' Association, said: "Figures on February's exports are now to hand and they reveal no better condition of affairs than has ruled during the previous months of the present crop year. Total flour exports from Canada for February, 1930, were 480,587 bbls, as against 997,808 in the same month last year, a decrease of over 50 per cent. Total exports for the six months ending Feb. 28, 1930, were 3,172,912 bbls, as against 6,074,190 during the corresponding period a year ago, a decline of 49 per cent."

"There was a slight stimulation in export demand a week ago following the wheat market decline but, owing to the uncertain tenor of the market during the present week, demand seems to have fallen off. It is to be hoped, with the American and Canadian markets close together, that, providing the markets evidence some signs of stability, demand will improve upon the opening of navigation. This is always providing there is not too wide a discrimination in ocean freight rates on wheat as against flour. There should be an opportunity during the coming months for Canadian mills to regain some of the considerable amount of ground they have lost in the over-sea markets during the present crop year."

"Domestic business remains about normal, although most buying is of a hand-to-mouth character."

"Naturally, as a result of the great falling off in the export flour shipments, there has not been, nor is there at present, any abundance of wheat feeds. Demand for such remains of a normal character and prices are ruling steady."

Spring wheat prices are unchanged, holding at \$7.90 bbl for first patent, \$7.30 for second patent, and \$6.90 for straight patent, less 10c for spot cash. Winter wheat flour prices are \$5.30@5.35 for car lots, and \$5.60@5.70 for broken lots.

NOTES

W. A. Black, president of the Ogilvie Flour Mills Co., Ltd., Montreal, has returned from a short vacation in Bermuda.

R. J. Pinchin, general manager for the Copeland Flour Mills, Ltd., Midland, Ont., passed through Montreal on his way to Quebec City and points east.

Montreal friends of D. A. Campbell were sorry to hear of the severe loss suffered by Mr. and Mrs. Campbell in the death of their elder son, Archie. Mr. Campbell, who lives in Toronto, was formerly general manager for the Maple Leaf Milling Co., Ltd., Toronto.

# CHICAGO DISTRICT

SIGURD O. WERNER, CHICAGO MANAGER

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Cable Address: "Palmking"      Correspondent at Milwaukee

CHICAGO

New or important developments are lacking and the flour business continues very quiet. Only the usual but steady small lot buying is reported, and the total volume of business appears to be less than during previous weeks. Mill agents are working hard to develop interest, but with the uncertain market trends buyers will not be stamped into new contracts.

**Spring Wheat Flour.**—Sales have fallen off again, and the total volume is most unsatisfactory to mill agents. Retail trade is taking on the usual small amounts, and a few sales of 500 to 1,000 bbls have been made to bakers, but aside from this business is extremely light.

**Hard Winter Flour.**—Southwestern flours also are slow. Only a few sales of 1,000 to 1,500 bbls are being made, other orders being in single cars. While directions are not scarce, they are not easy to get, and it has required pressure and hard work on the part of mill agents to induce buyers to order out.

**Soft Winter Flour.**—Soft winters are more active than bread flours, but only a few concerns have managed to sell much. These report several round lots to cracker bakers, one sale of 5,000 being the largest single order for some time. Shipping directions have been fair.

**Flour Prices.**—March 29 quotations, basis Chicago, patents in cotton 98's and clears in jutes: spring top patent \$5.75 @ 6.35 bbl, standard patent \$5.50@6.15, first clear \$4.70@5.25, second clear \$3.40 @ 4.10; hard winter short patent \$5.40@ 5.80, 95 per cent patent \$5@5.40, straight \$4.80@5.15, first clear \$4.20@4.60; soft winter short patent \$5.60@6.30, standard patent \$5.30@6.6, straight \$5.10@5.60, first clear \$4.75@4.95.

**Durum.**—The only change in the semolina market is that directions are a little better. New business continues very light. Quotations, March 29: No. 2 semolina, 3½c lb, bulk; standard, 3½c; No. 3, 3¼c; durum patent, 3½c; special grade, 3¼c.

Output of Chicago mills, as reported to The Northwestern Miller:

	Output bbls	Pct of activity
March 23-29 .....	34,684	87
Previous week .....	30,278	76
Year ago .....	22,333	56
Two years ago .....	35,850	90

NOTES

John Nixon of A. A. Nixon & Co., Omaha, has been visiting the feed trade here.

C. Taylor of the Sheffield Elevator Co., Minneapolis, was a recent visitor in this market.

E. W. Watson, Eagle Roller Mill Co., New Ulm, Minn., was a recent visitor in this market.

E. J. Thomas of the Capital Flour Mills, Inc., St. Paul, spent a few days in Chicago last week.

William Stahl, publicity director of the Farmers' National Grain Corporation, has returned from a trip to Washington.

A. L. Goetzmann, general manager of the Inland Milling Co., Des Moines, Iowa, spent a few days in Chicago, visiting the trade.

J. C. Murray, vice president in charge of grain for the Quaker Oats Co., has returned from a trip to Western Canada and the Pacific Coast.

George Wrasse of Valparaiso, Ind., who handles the King Midas Mill Co. account there, visited the Chicago office of the company last week.

E. A. Weaver, manager of the B. A. Eckhart Milling Co., Chicago, returned March 28 from a week's business trip through eastern markets.

P. D. McMillan, director of the Wash-

burn Crosby Co., Inc., Minneapolis, stopped in Chicago March 27. He was returning home from a European trip.

The firm of J. P. Parks, feed brokers, of which George S. Chesbro is Chicago manager, is now located in a new office on the tenth floor of the Webster Building. The office number is 1028.

C. C. Anthon, Chicago manager of the Southwestern Milling Co., Inc., spent most of last week in Michigan calling on the trade. He stated that heavy snow upset his schedule, as trains were delayed or cancelled, and he found it extremely difficult to get around.

G. D. Davis, who has been manager of the National Oil Products Co. office and plant in Chicago, has been transferred back to the company's headquarters at Harrison, N. J., but will still have supervision over the local plant and spend considerable time here.

Frank H. Millard of Chicago, a vice president of the Diamond Crystal Salt Co., died unexpectedly, March 26, in St. Lukes Hospital at Kansas City, of heart disease. He was 60 years of age, and was returning to Chicago by train from Los Angeles, when he was taken ill.

J. P. Parks, feed broker, Kansas City, accompanied by V. L. Marsh, started to drive to Chicago last week en route to Buffalo, but was delayed in Illinois by a heavy snow storm and proceeded east without coming to Chicago. Messrs. Parks and Marsh were going to Buffalo for the opening of Mr. Parks's new office in that city on April. Mr. Marsh will manage the office.

H. T. Corson, executive manager of the National Food Bureau, Chicago, has received advance proofs of the May issue of Everybody's Health Magazine, the official publication of the Minnesota Public Health Association. This edition is devoted to bread, and contains articles by Dr. Morris Fishbein, Dr. E. V. McCollum, Dr. D. C. Lockhead (deputy to Dr. Charles Mayo), Dr. T. B. Hartzell and others. Millers and bakers should place their orders for extra copies at an early date, as this edition should be widely circulated.

MILWAUKEE

Milwaukee flour merchants report little change in conditions since a week ago. Prices have dropped, and, according to reports, there is very little demand. Shipping directions, which picked up slightly a week ago, again are limited. Quotations, March 29, basis Milwaukee, patents in cotton 98's and clears in jutes: spring top patents, 86@6.50; standard patents, 85.75@6.20; first clear, 85@5.70; second clear, 83.30@5.10; fancy pastry flour, in 100-lb packages, \$4.50 per 100 lbs; soft winter wheat, \$5.60.

The southwestern flour market situation is reported the same as the northwestern, with business being slow. Prices have also dropped, as have shipping directions. The current range between northwestern and southwestern offerings has become 50c as compared to 30@50c at the close of the preceding week. Quotations, March 29, basis Milwaukee: hard short patents, 85.50@6; standard patents, 85.30@5.70; first clear, 84.65@5.25; second clear, 83.30.

NOTES

Mr. and Mrs. Philip Orth and daughter Betty, and Mr. and Mrs. Philip Orth, Jr., have left for an extended motor trip through the East.

To conform with Chicago daylight saving time, the Milwaukee Chamber of Commerce has passed a resolution to adopt daylight saving. Plans are now under way in Milwaukee to establish day-

light saving generally, but nothing definite has been done as yet.

W. A. Hottensen, president of the William Bell Co., Milwaukee grain dealer, has resigned from the board of appeals of the Milwaukee Chamber of Commerce.

The annual membership dues of the Milwaukee Chamber of Commerce have been made \$125, to be paid semiannually. If the dues are not paid within 30 days of the date payable, a \$5 fine will be added.

Kurtis R. Froedert, president and treasurer of the Froedert Grain & Malt Co., has withdrawn from the election race as president of the Milwaukee Chamber of Commerce. This leaves A. L. Flannagan, of the Fraser-Smith Grain Co., as the remaining candidate at the election, April 7.

A large part of the freight waiting to be shipped from Milwaukee dock houses is flour and millstuffs. The dock houses are full awaiting the opening of navigation on the Great Lakes, which according to the Milwaukee weather bureau will be about April 10. Grain elevators here have approximately 1,100,000 bus more grain stored than a year ago.

SON OF DOUGLAS CAMPBELL, CANADIAN MILLER, IS DEAD

Toronto, Ont.—Friends of Douglas A. Campbell, Toronto, formerly general manager of the Maple Leaf Milling Co., Ltd., will regret to learn that his son Archibald, a fine and promising boy of 17, died, March 26, after a brief illness. Archie, as he was known to his friends, was a student in residence at Upper Canada College, Toronto, where, like his father before him, he was studying for matriculation. Had he lived he would have finished these studies this spring. Afterward he intended continuing his education at the University of Toronto. He was a prefect of his house, a keen student and a popular leader among the boys of Upper Canada. The news of his death came as a great shock to his father's former associates in the Canadian milling and grain trades.

VANCOUVER

The export flour market last week was very listless. Advancing wheat prices have kept Chinese buyers out of the market, and brokers report very few bids received. A little business with Shanghai was done, but nothing important with Japan. Lack of demand was attributed chiefly to two causes. First, the jump in wheat, and second, the low silver rate in China. Supplies in North China ports are declared to be still large, although there has been a considerable amount of deterioration due to worming and macking. This is little to be wondered at since at Tientsin the flour is piled on wooden wharves and merely covered with mats.

Brokers here express the opinion that if wheat prices go down again to around \$1.03, considerable business could be worked. Flour prices have advanced with the wheat market and are now up about 10c from a week ago. Prices for Hongkong clears are 84.70 @ 1.80, c.i.f., while low grade straights are 84.35 @ 1.40, c.i.f. Export patents are quoted at \$5.50, American straights are around \$4.60, f.o.b. The Shanghai market is ruling easy, which further widens the spread between buyers and sellers, it is claimed. Space is plentiful with rates at \$3.40 to Japan and \$3.40 @ 4 for Shanghai. North China rates are still \$4.40.

VIAU BISCUIT EARNINGS UP

Toronto, Ont.—For the fiscal year ended Dec. 31, gross earnings for the Viau Biscuit Corporation, Montreal, amounted to \$649,301, as compared with \$635,091 in the previous year. Net earnings were \$243,237, compared with \$239,437 in 1928. After deducting all expenses, there remained \$83,197 applicable to common stock, or \$1.32 a share. The company's position has been strengthened by the elimination of a small bond issue which was outstanding to the extent of \$9,000, while two years' sinking fund requirements on the first mortgage bonds have been provided for by the reduction of this issue by \$12,100.



## EASTERN STATES

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### NEW YORK

The flour market last week was not particularly interesting, since business was only moderate. Sales were slightly better than routine and were expected to so continue, lacking any particular incentive to force them larger. Prices were fairly stable, and the class of trade chiefly interested was the smaller baker, the larger ones having sufficient flour on their books to cover current needs and also near-by requirements.

**Shipping Directions.**—There was complaint in many quarters over the slowness of shipping directions, a frequent difficulty when the market is \$1 or so lower than the purchase price of flour. In some cases where previous purchases were at much higher levels, buyers were interested in averaging down their costs, and then preferred to get out the cheaper flour than the earlier orders.

**Price Range Limited.**—On the whole prices were held fairly firm, and nearly all grades were within a moderate range. The stronger feed markets inclined mills a little closer to buyers' ideas, but no decided bargains were reported. Northwestern flours aroused more interest than southwestern, and therefore prices were comparatively lower. Of the high glutens, Texas grades were lowest and were more active than springs.

**Quotations.**—Flour prices, March 28, all in jutes: spring fancy patents \$6.20 @ 6.60, standard patents \$5.80 @ 6.10, clears \$5.60 @ 5.90; hard winter short patents \$5.75 @ 6.20, 95's \$5.50 @ 5.75; soft winter straights, \$5.30 @ 5.50.

#### BOWLING LEAGUE PRODUCES SUCCESS

For the fourth time since its organization, the Bowling League of the New York Produce Exchange put across a real hit. In the grand ballroom of the Hotel Astor, to the enthusiastic applause of about 1,500 people, the members presented "Seven Chances," a comedy with music. The specialties and chorus were spirited and tuneful and each member of the cast played with the skill and finish of a veteran trouper. The trade and its friends in the audience seemed to derive unholy glee from the efforts of Jimmie Shannon, played by A. O. Matt, to marry the girl, or almost any girl, in order to inherit the \$12,000,000, for in these days of dullness much would be done by any one for that sum. Anne Windsor, played by Joe Nugent in ravishing ensembles that had obviously been designed for him only, was the girl he really loved, but after being refused by her—him—well, anyway, by the leading lady—and five others, he was accepted by the flapper Irene Trevor, interpreted by John Gerard in a manner that indicated he had given careful study to the habits and customs of the creatures. After the fashion of musical comedies, the curtain descended on the right ones reunited, leaving hilarious memories to be laughed over during the dancing that followed, and then far into the night.

#### NOTES

The Cunard Steamship Co., Ltd., has reported a net profit of £809,688, after reserves, taxes and charges, against £550,478 earned in 1928.

W. V. Dickinson, New York manager for the Pillsbury Flour Mills Co., Minneapolis, left on March 28, for a two weeks' business trip through the South.

W. Leon Daniels, general manager for the Morton Milling Co., Dallas, Texas, spent a few days in New York last week, visiting David Coleman and the trade.

W. H. Burt, the much-traveling representative for the Centennial Mill Co., Seattle, Wash., is making his headquarters in New York for a short time. He

arrived last week and then left on a business trip to Boston.

A. B. Dickerson is now representing Samuel Knighton & Sons, Inc., New York, in Philadelphia and eastern Pennsylvania. He is connected with the firm's Philadelphia office.

John W. Eckhart, president of John W. Eckhart & Co., flour and grain exporters, Chicago, spent a few days last week in New York, attending the Produce Exchange show.

George H. Turner is now a partner in the flour business with the Montauk Wholesale Grocery Co., Farmingdale, L. I., handling exclusively Russell-Miller Milling Co. products in Long Island.

II. C. Moore, Toronto manager of the export department of the Lake of the Woods Milling Co., Ltd., Montreal, was the guest of Samuel Knighton on the New York Produce Exchange, March 28.

T. Harry Story, who had been an active member of the New York Produce Exchange for many years, died at his home in New York, March 21. Mr. Story was 66 years old, and had been a member for 45 years. His wife survives him.

Clearances of wheat and flour from the port of New York for the week ending March 22, as compiled by the Barr Shipping Corporation, amounted to 708,000 bus and 72,236 bbls. One clearance, 14,280 bbls, was for China, and two other shipments were large, 15,855 to Hamburg and 14,000 to Aberdeen.

Joseph A. Kell, who is in the East in the interests of the Plant Flour Mills Co., St. Louis, and C. F. Vandenburg, sales manager for the mill, spent a couple of days in New York toward the close of last week, making their headquarters with Clarence Smith, who represents this mill in the metropolitan district.

The statement of the Novadel-Agene Corporation for 1929 shows a net profit of \$993,306, after amortization of patents, taxes and contingencies, equal after preferred dividends to \$5.02 a share earned on 159,506 no-par shares of common stock. This compares with \$619,927, or \$2.94 a common share, earned in 1928.

### BUFFALO

Shipping directions are increasing steadily with both domestic and export trade calling for immediate shipment on old bookings. However, it is almost impossible to interest buyers in new orders at present prices. So far as any real interest in either patent or standard grades, there is none in evidence.

Semolina has remained steady with little call for that grade. Supplies are plentiful.

Quotations, March 29, 98-lb cottons: spring fancy patents \$6.20 @ 7.10 bbl, standard patent \$6.20 @ 6.30, first clears \$5.90; hard winter standard, \$6.30 @ 6.40; soft winter straights, \$6.20 @ 6.30. Semolina, 3/4c, lake-and-rail shipment, New York.

Output of Buffalo mills, as reported to The Northwestern Miller:

	Weekly capacity bbls	Flour output bbls	Pct. of activity
March 23-29	276,000	253,023	92
Previous week	276,000	249,916	90
Year ago	265,500	193,490	70
Two years ago	238,000	161,667	64
Three years ago	238,000	146,632	62
Four years ago	238,000	177,420	76

#### NOTES

The New York State Bakers' Association will hold a district meeting at the Hotel Statler, Buffalo, on April 2.

The Roberts Milling Co. of Batavia, N. Y., has closed its mill. No announcement was made as to its future business.

Maurice Edelstein, division sales man-

ager for the Pillsbury Flour Mills Co. at Buffalo, is back at his desk after his recent illness.

J. W. Schwan, treasurer and manager of the Middleport (N. Y.) Flour Mills, Inc., visited J. A. Walter, Buffalo flour broker, recently.

O. N. Tucker, manager of the coarse flour department of the Pillsbury Flour Mills Co., Minneapolis, visited the Buffalo office recently.

W. L. Brisley, manager of the Occident Terminal Co., Duluth, visited the American Elevator & Warehouse Co., in Buffalo. Mr. Brisley was introduced on the floor of the Corn Exchange by H. C. Whittmer.

The Buffalo Master Bakers' Association is working on co-operative advertising. Cyrus Faber is chairman of the committee, assisted by I. Saltzman, Alois Muehlbauer, William A. Schellbach, president, and Albert Steigmeier.

John Sauer, employed for over 43 years by the George Urban Milling Co., died last week at the age of 64. Mr. Sauer was foreman of the blending department of that milling company, working there up to the time of his recent illness.

J. W. Eckhart, Chicago, president of the National Federated Flour Clubs, spoke at a recent meeting of the Buffalo Flour Club. He talked on the activities of the national organization and discussed the program for the annual convention to be held in Chicago in May.

### BALTIMORE

Practically nothing was done locally in flour last week. Buyers are giving no thought to cold or dry weather, but are patiently awaiting the mighty crash which some expect to precede the coming of the new crop, and which probably means another long period of idleness. Most mills are anxious for orders, but are not sacrificing prices to get them.

Closing prices, March 29, car lots, per barrel, in 98-lb cottons, 70 @ 80c more in wood, or 15 @ 25c less in bulk: first spring patent \$6.50 @ 6.75, standard patent \$6 @ 6.25; hard winter short patent \$6.25 @ 6.50, straight \$5.75 @ 6; soft winter short patent (near-by) \$5.50 @ 5.75, straight (near-by) \$4.75 @ 4.90.

#### NOTES

Receipts at Baltimore last week included 1,691 bbls of flour destined for export.

Charles W. Nicol, grain, Germantown, Md., has applied for membership in the Baltimore Chamber of Commerce.

New Orleans importers have been doing a good business in Argentine milled flour in the Baltimore market of late through local brokers.

Richard C. Wells, of R. C. Wells & Co., grain, hay and feed, Baltimore, who has been ill of pneumonia for two weeks, is making a splendid fight for recovery.

J. Ross Myers & Son, Baltimore flour jobbers, were awarded the contract to furnish the Maryland state institutions with 1,000 bbls hard wheat patent at \$5.60 bbl.

### BOSTON

The market is ruled largely by uncertainties, and consequently there is little activity and prices are difficult to quote. Along with the ever present shadow of the farm board over the market there is the usual crop of rumors about the growing crop and foreign pools. Meanwhile, one hears all sorts of weird tales about sales at prices much under the ostensible market. These are hard to pin down, and of course the circumstances of such sales are not easily discernible.

Price fluctuations last week followed the wheat market, but have not been wide. There has been some business in standard spring patents around \$6.15 @ 6.25, although some holders want \$6.40 or better. For short patents, the range in quotations is \$6.20 @ 6.90, with most business around \$6.40 @ 6.50.

In hard winter flours, reports have been heard of sales of short patent flours at \$6, but these reports cannot be confirmed. There seems to be no doubt that some short patent southwestern has been

sold as low as \$6.10, although most business is in the range of \$6.25 @ 6.40. Standard hard winter patents have been sold as low as \$5.85 and up to \$6.40.

Soft winter patents have been moved sparingly at around \$6.25 @ 6.50, with some sales lower and a few higher. Straights have been sold around \$5.75 and clears at about \$5.50.

Quotations, car lots, 98-lb cottons: spring special patents, \$7 @ 7.40 bbl; spring short patents, \$6.30 @ 6.90; standard patents, \$6 @ 6.50; spring first clears, \$5.60 @ 6; hard winter patents, \$5.90 @ 6.70; soft winter patents, \$5.90 @ 6.65; soft winter straights, \$5.50 @ 5.90; soft winter clears, \$5.30 @ 5.70.

#### NOTES

C. J. Carroll, of V. E. Newcomb & Co., Inc., New York, visited Boston last week.

Harry S. Leviston, flour and feed broker, has returned to Boston after a trip to the Southwest.

B. J. Stockman, president of the Duluth-Superior Milling Co., Duluth, Minn., was introduced on the floor of the Boston Grain and Flour Exchange last week by Fred T. Whaley, the mill's representative.

### PITTSBURGH

Only moderate sales of flour are noted in the Pittsburgh market. A marked reaction appears to prevail from the activity of the preceding week, with the result that only consumers in need of flour for replenishing stocks are in the market. There is also shown a more free disposition on the part of bakers to give heed to the requests of mill men for shipping directions.

Limited business was done in spring wheat flour for near-by deliveries, while the market for hard winters was only fair, even with price shading to an attractive figure.

Clears are somewhat scarce and higher in price. The market for soft winter flour followed the trend of dullness that was general in the market. Even with prices at a low figure there was no activity on the part of pastry and cracker bakers.

Semolina is quoted at 3/4c lb, f.o.b., Chicago. Sales are light and shipping directions fair.

Quotations, Pittsburgh, March 29: spring wheat short patent, \$6 @ 6.75 bbl; standard patent, \$5.50 @ 6.25; hard winter short patent, \$5.75 @ 6.75; standard patent, \$5 @ 5.75; low protein hard winter standard patent, \$5 @ 5.75; clears, \$5 @ 5.75; soft winter, \$4.50 @ 5, bulk.

#### NOTES

F. C. Meyer, of the Wisconsin Milling Co., Menomonie, Wis., was a Pittsburgh visitor.

C. B. MacLeod, of the Commercial Milling Co., Detroit, visited in Pittsburgh.

Howard H. Harkness, for the past eight years engaged in the flour and feed business at Mayville, N. Y., died at his home there on March 15.

The Penn Baking Co., of Pittsburgh, has moved its retail store from 12 Master's Way to 22 Graeme Street, adjoining the Diamond National Bank.

Edward J. Barry, president of the W. C. Barry Co., wholesale bakers, Pittsburgh, who, with Mrs. Barry, spent over six weeks in the South, is back at his desk again.

John J. Grube, aged 62 years, for many years manager of the Hartz Milling Co.'s plant at Morgantown, Pa., died after a short illness. He had retired several years ago.

### PHILADELPHIA

The market for flour developed an easier tone during the early part of last week and prices were reduced about 15c bbl. Toward the close, however, the tone of the market was stronger due to the upward turn in wheat. Trade continues along the same quiet lines as noted for the past several weeks. There have been no developments which would justify hasty action on the part of buyers to stock up ahead, and business is mostly for current requirements or near-by shipments. The sharp advances in feeds have also had a quieting effect upon this mar-



ket, although the mills generally are quoting firm prices.

Quotations, March 29, basis 140-lb jutes: spring first patent \$6.40@6.75 bbl, standard patent \$6@6.30, first clear \$5.80 @6.05; hard winter short patent, \$6.05@6.35, 95 per cent \$5.65@5.85; soft winter straight, \$4.85@5.15.

NOTES

S. Edward Knighton, of the flour firm of Samuel Knighton & Sons, Inc., spent March 27 in Philadelphia visiting the local office of his firm.

A. B. Dickerson, flour broker, has become connected with Samuel Knighton & Sons, Inc., and will represent the firm in Philadelphia territory.

Gordon B. Wood, sales manager for the Midland Flour Milling Co., Kansas City, Mo., was a recent visitor on the Philadelphia Merchants' Exchange.

C. R. Troutner, Philadelphia manager for the Russell-Miller Milling Co., Minneapolis, left for Canton, Ohio, last week to attend funeral services for his father who passed away on March 25.

E. R. Rockafellow, of the feed and grain firm of E. K. Lemont & Son, Philadelphia, returned home last week from the hospital and is now well on the way to recovery from a recent severe attack of pneumonia.

T. Marshall Holt, of the Acheson Flour Co., Inc., Philadelphia, has returned from a western business trip during which he attended the seventh annual meeting of the American Society of Bakery Engineers in Chicago.

The monthly supper meeting of the Bakers' Club of Philadelphia will be held at the Penn Athletic Club on Monday evening, April 7. An address will be made by Dr. R. E. Lee, of New York, connected with the research department of Standard Brands, Inc.

SCOTTISH IMPORTERS' MARKET VIEWS

GLASGOW, SCOTLAND.—In Scotland the attitude of the importer at present is dominated by dread of complications arising from the maneuverings of the Canadian Wheat Pool and the attempt of the Federal Farm Board to hold stocks of wheat at an artificial level in the interests of the growers. As regards the operations of the farm board it is believed that, while it may cause American consumers to pay more for their wheat, unless it is able to lift the world price as distinct from the internal American price, it will not lessen the problem of heavy stocks to be carried over into the next cereal year.

On the general outlook the view is expressed that development of wheat production in the new lands of the world is increasing at a rate greater than the consumption of bread. Unless checked by crop disasters there is now always a danger of production exceeding consumption and of a consequent accumulation of heavier carry-overs each year. This in time will bring down the growers' returns to a point where it will not be profitable for them to grow wheat and a slump in the area sown to the crop in several of the largest producing countries will be inevitable. Only then will the course of prices again suit the grower.

While that is the long view of the position it is felt that finance itself may cause a temporary reaction. This view is based on the unsettled financial conditions which have led continental buyers to reduce greatly the stocks that they are carrying. Should there be any movement upward there is danger that the swing will be more violent than actual crop conditions would warrant. A further view, touched with cynicism, is that we are now at a stage when we may expect some crop scares. The winter crop in the States is at the stage when such scares would be directed to it.

AMERICAN FLOURS IN VIENNA

BUDAPEST, HUNGARY.—The domestic flour trade is unsatisfactory, the supplies of feedingstuffs and bran exerting a depressing influence. American medium grade flours have reappeared on the Vienna market, offered at dumping prices, thus underselling Hungarian flours. Vienna bakers obtain 30, even 40, days' credits from American mills.

# PACIFIC COAST

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SEATTLE

Flour demand in north coast markets shows little change, continuing to be confined to small lot and fill-in orders, with an occasional larger sale as contracts approach completion, and to a few sales of special grades of flour.

A moderate business has been worked recently to eastern and California markets, but the total of new business has been so limited, both for domestic and export, that milling operations have been considerably reduced.

Flour Prices.—Washington flour quotations, car lots, coast, March 28: bluestem family short patents, \$6.50@6.80, 49's; standard patent, \$5.80@6.20, 95's; pastry flour, \$5@5.35, 95's; blends, made from spring and Washington hard wheats, \$5.80@6.40, 95's.

Hard wheat top patents, car lots, coast, arrival draft terms, March 28: Dakota, \$6.60@7.40; Montana, \$5.80@6.90.

Export Trade.—Oriental inquiry has been very light, and where prices were indicated they were far out of line. Low exchange, and large stocks at some of the principal importing ports, continue to dominate the situation, combined with large importations of Canadian flour at prices which American mills cannot approach.

FLOUR OUTPUT

Output of Seattle mills, as reported to The Northwestern Miller:

	Weekly capacity bbls	Flour output bbls	Pct. of activity
March 16-22	16,800	22,285	133
Previous week	16,800	22,284	133
Year ago	16,800	30,116	179
Two years ago	16,800	27,916	166
Three years ago	16,800	20,105	120
Four years ago	16,800	19,025	113
Five years ago	16,800	23,172	138

Output of Tacoma mills, as reported to The Northwestern Miller:

	Weekly capacity bbls	Flour output bbls	Pct. of activity
March 16-22	57,000	26,487	46
Previous week	57,000	26,326	46
Year ago	57,000	47,999	84
Two years ago	57,000	38,761	68
Three years ago	57,000	31,577	55
Four years ago	57,000	33,434	59
Five years ago	57,000	14,756	26

NOTES

Exports of flour from Seattle and Tacoma March 14-22: to Taku Bar, 5,000 bbls; Hongkong, 7,450; Shanghai, 4,040; Manila, 13,612; Stockholm, 224; Honolulu, 6,100.

The Pacific Coast importers and shippers of oriental oil cake and oil cake meal are vitally interested in the proposed duty of \$6 ton on these products, since this coast imported 118,524 tons of the 1929 total of 167,086 tons. Coast imports of soy bean meal were 60,000 tons, coconut meal 15,084, cottonseed meal 20,588, linseed meal 14,507, and other oil cake and meal products 7,859.

OGDEN

Milling activity has suffered a severe setback in Utah and Idaho, with about 50 per cent of the country mills being reported closed, and one large mill in Ogden and another in Salt Lake City operating at only 50 per cent of capacity. Plenty of orders are reported, but most of them for later delivery, or without shipping instructions. California markets have absorbed some shipments and there is a fair volume of business from mountain and intermountain states. Southeastern shipments have been very slow. Ogden mills will be operated full time during the week of April 1, in anticipation of brisker business.

Quotations, to California dealers, advance 15c: first patents \$6.30@6.55 bbl, second patents \$6@6.30, straights \$5.60 @5.90, car lots, f.o.b., San Francisco and

other California common points; to south-eastern dealers, unchanged: soft wheat short patents \$6.40@6.50, straights \$6.10 @6.30, car lots, f.o.b., Memphis and other lower Mississippi River common points; to Utah and Idaho dealers, unchanged: fancy patents \$6.40@6.70, second patents \$5.90@6.30, straights \$5.50@6, car lots, f.o.b., Ogden.

NOTES

The Pueblo (Colo.) Flour Mills is erecting a laboratory building in connection with its plant.

C. C. Hine, vice president of the Globe Grain & Milling Co., was in Ogden for a brief visit on his return to Los Angeles from an eastern trip.

E. R. Alton, plant manager of the Globe Grain & Milling Co., has returned from a trip to St. Louis, Kansas City, Little Rock, Memphis and Denver.

Organization of the first federal co-operative agricultural association in Utah was perfected when the Box Elder Grain Growers, Inc., filed corporation papers with the Utah secretary of state. The organization is to become a unit of the Intermountain Grain Growers, Inc., which will have headquarters in Ogden.

PORTLAND

Flour prices held steady during the week at \$6.90 bbl for family patents, \$6.35 for standard hard wheat and \$6.20 for standard bluestem in car lots. There were fair deliveries on old contracts, but little new business was done, either locally or with coast markets.

Export flour trade continues dull, largely because of lower prices quoted by Canadian mills.

Output of Portland mills, with a weekly capacity of 36,900 bbls, as reported to The Northwestern Miller:

	Output bbls	Pct. of activity
March 16-22	16,844	46
Previous week	14,761	40
Year ago	29,726	80
Two years ago	26,138	71
Three years ago	23,562	64
Four years ago	14,102	41
Five years ago	26,916	73

NOTES

John J. Lavin, president of the Royal Milling Co., of Great Falls, Mont., was a recent visitor in Portland.

A 100-bbl graham flour unit will be installed in the plant of the Pillsbury Flour Mills Co. at Astoria, Oregon.

Oregon farmers announce their intention to increase their spring wheat acreage 20 per cent over last year. The estimated 1930 spring wheat acreage is 194,000 and the fall wheat acreage is 896,000. Oats are estimated at 310,000 acres.

Walter L. Wilson, manager of the Portland office of Louis Dreyfus & Co., wheat exporters, has accepted a position with the Russell-Miller Milling Co., and will handle the grain business of the latter firm at its Seattle office. Peter Doxne will continue in charge of the local office of Louis Dreyfus & Co.

SAN FRANCISCO

New business in flour is extremely dull, with the exception of a few scattered sales of small amounts. The principal concern of mills and jobbers is to secure delivery on previous contracts taken at higher prices, and on which considerable resistance is being encountered. Prices remain unchanged.

Quotations, car lots, 95's, San Francisco, draft terms: Idaho family patents, \$6.00 @6.80 bbl; Montana standard patents \$6.20@6.40, cars \$5.40@5.90; Kansas standard patents, \$6.20@6.40; Idaho hard wheat patents, \$6@6.20; Oregon

Washington bluestem blends, \$5.80@6.20; northern straight grades, \$5.50@5.75; Dakota standard patents, \$7.20@7.50; California pastry \$5.50@5.75, bluestem patents \$5.75@6.

NOTES

Robert McKee, managing director of the Canada Grain & Export Co., arrived in San Francisco March 28.

Offices of the Coast Dakota Flour Co. have been removed from 150 California Street to 383 Brannan Street, San Francisco.

NEED OF STORAGE SPACE IS OUTLINED BY GRAIN CO-OP

Need for more extensive grain storage facilities in the Southwest and Northwest has been outlined by the Farmers' National Grain Corporation in a recent bulletin. The report says:

"In less than three months the movement of the new wheat crop will begin in the Southwest. There is great need for facilities in that area. Some new construction is required and some of the existing houses need enlarging. Some houses now owned by others must be acquired by co-operatives. Some subterminal warehouses should be built.

"In the spring wheat area the harvest is farther away, but the problem, in some respects similar, is hardly less pressing. In the states of Colorado, Wyoming and Utah is new territory requiring facilities of modern type. Good roads and truck transportation indicate that large units serving considerable areas may prove most desirable.

"In the Pacific Northwest reports indicate a need and desire to shift gradually from the present warehouses for sacked grain, many of them old, to modern bulk elevators. The midwestern and eastern sections have, perhaps, sufficient facilities, but they are largely outside co-operative control."

Loan commitments for all stockholders have been arranged, officials of the corporation have announced. While territorial allotments of loans have been more or less definitely decided upon, as to amounts, all commitments will be drawn against by specific application of the borrowing co-operative. A number of applications for loans in the various classes already have been received and several have been granted.

NEW WHOLESALE HOUSE PLANNED

W. A. Gilleland, former general manager of the Worden Grocer Co., Grand Rapids, Mich., is promoting the organization of a new wholesale grocery firm in that city. It is planned to obtain a warehouse with railroad trackage and to have the employees largely those who were with the Worden Grocer Co. prior to its sale to Lee & Cady, Detroit.

The new company will be capitalized at \$200,000, and Mr. Gilleland is scheduled for president. The name of the company, as well as directors and officers, will be determined following present financing operations.

BREAD PRICES CUT IN SAN DIEGO

Reductions of 100 to 20 per cent in bread prices to retail grocers in San Diego, Cal., are being given as the result of a price war which began in that city recently. The cuts are effected by giving the grocers free bread in certain proportion to the number of loaves ordered and paid for. Independents allege that the price cutting was begun by large chain bakers, and that they were forced to follow, but the accused deny it.

WHOLESALE CLOSES BRANCHES

DALLAS, TEXAS.—The firm of W. D. Cleveland & Son, Houston, pioneer wholesale grocers in Texas, is discontinuing some of its establishments. The house in Houston and the branch house at Victoria will be closed. The branch jobbing houses at McAllen and San Benito will be continued, it is announced. The company was established in 1867.

SPERRY FIRM BUYS PROPERTY

SPOKANE, WASH.—The Sperry Flour Co. has purchased 277 feet additional frontage along Sprague Avenue, adjoining its mill here. The property was acquired for future expansion.



## CENTRAL AND SOUTHERN STATES

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### THE SITUATION

IT looks more and more as if the Federal Farm Board was going to take an awful licking, and was bound and determined not to avoid it or lessen its severity. Nothing can prevent it except crop failures. The Grain Stabilization Corporation announced that "they have not and do not contemplate shipping any unsold wheat to European markets."

It is a carefully worded statement, and should be taken at its face value only. It does not say that they will not sell low-priced wheat, merely that they do not "contemplate shipping any unsold wheat." It was construed to mean that they would not dump wheat abroad. It says nothing of the sort at all. Everybody knows that the policies of the Federal Farm Board have been subject to sudden and unexpected shifts. They probably do not know themselves what they will do. It will please other exporting countries, notably Canada, if no wheat is dumped. What may happen in this country as a result of holding policy makes one shudder with apprehension.

The Depressing Surplus.—Wheat, by itself alone, plays a greater part in the economic structure than perhaps it should, and extends its influence into almost everything. It is possible that a debacle in wheat and grain prices might be more far-reaching and disastrous than merely a collapse in stock speculation.

Of course, willful destruction of food or property is almost inherently as abhorrent as murder. It goes against nature. But if the surplus wheat of the United States and Canada were dumped into the ocean and destroyed, where it could not be recovered for use, a greater price might be realized for what was left than the whole amount would otherwise bring, and it would help sustain the present era of inflation, of high prices and high wages.

But it is difficult to say that such procedure would be the best for everybody. Nothing else, perhaps, can bring about the delayed deflation and liquidation of an inflated epoch like a debacle in wheat—where it sells, say, at 75c bu. And this deflation has got to come sooner or later. The sins of inflation must be expiated.

Swings of Business.—Inflation, like deflation, is beyond anybody's control. They are both expressions of human nature, and human nature does not change in essential qualities. Observed over a period of years, and checked and charted in its manifestations, it is revealed that it takes the human animal about so long to complete the swing of inflation or deflation. It runs with remarkable regularity, when not interfered with by abnormal events such as war. It was discovered that there were periods of depression about once every 20 years. The country was headed for one when the great war broke out. Its avoidance may now result in a cumulative effect.

It is all poppycock that the ingenuity of man can devise means of avoiding these things. He can devise means of making them worse, no doubt about that. Expenditure of money on public works, laudable as it may be, will not do it. The money must come from taxes, and taxes cannot be raised from a prostrate people and bankrupt business. It only extends the swing of the vicious circle.

Flour a Necessity.—So the milling business is in the borderland of betwixt and between, before and after, and there is no man living who can foretell what is about to happen—whether the hour has struck or not. And there is no indication that the creation of the Federal Farm Board, with its futile activities, will not add to the disaster. People eat, and will eat in any event so long as they live, and that makes consumption of

flour. Milling will be done, and hard times are not unfavorable to it. The trouble is that in many years there have been no real, old-fashioned hard times—where people patch their clothing and raise their own food—or anything comparable.

Probably there is nobody of experience in this business of handling grain, milling and selling flour who is so wanting in astuteness as to fail to sense the potentialities of the present situation. Hence extreme caution will probably be observed by everybody. Even if wheat should go to 75c bu, conservatism might continue to prevail. Buyers might be cramped for money. Banks might fail—they have been failing recently. Business is not recovering as fast as representations and newspaper talk about it, and the propaganda handed out from eminent sources. Granted that last year was one of extraordinary earnings by many industries—that was last year, before the bubble started to burst. It is said that pessimism is economically fashionable now. This is not pessimism—it is caution.

### TOLEDO

Nothing exciting is happening. Only entertainment is being provided by the Federal Farm Board in the farce or tragedy, as you look at it, being put on the stage and which everybody is watching, even if they grow weary or disgusted with the show.

The market has been steadier, but it does not seem to have much effect on flour business one way or the other. So far as can be determined, only desultory buying is taking place in response to actual requirements. Nobody is disposed to anticipate needs, and there is no confidence in values. Lower levels are looked for on the new crop, so flour stocks will be well liquidated by that time. Care is apparently being exercised against overstocking.

Business with the mills is rather spotty, some doing more business than others, depending not merely upon how aggressively the business is sought, but also on diversification of products. Mills having a full line of flour and feed to offer fare the best. Not much, if any, change is expected for the balance of the crop.

Flour Prices.—Soft winter wheat standard patent flour was quoted, March 28, at \$5.60@5.65 bbl, local springs \$5.75, and local hard winters \$5.60, in 98's, f.o.b., Toledo or mill.

### CENTRAL STATES MILLS

Output by mills in Ohio, Indiana and Michigan, including those at Toledo, as reported to The Northwestern Miller:

	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	bbls
March 23-29	111,150	71,533	64
Previous week	122,250	53,582	68
Year ago	132,300	78,107	59
Two years ago	117,750	92,441	78
Three years ago	60,060	30,710	50

### NOTES

H. K. James, who has operated a mill at Tiffin, Ohio, for 20 years, has sold the property to Walter A. Burling, Odessa, Mich., who took possession April 1.

The elevator of the Cleveland Grain & Milling Co., Mansfield, Ohio, was damaged by fire, March 20, with an estimated loss of \$30,000. Three carloads of shelled corn in the process of being dried for milling were destroyed, besides other grain.

### EVANSVILLE

Flour trade, while slightly improved this week, is still somewhat below normal. Shipping instructions are good, however, and the outlook promising. Prices are steady. Quotations, March 29, 98-lb

sacks, car lots, f.o.b., Evansville: soft winter wheat, best patent, \$7.55 bbl, 95 per cent, \$7.30, straights \$6.80; Kansas hard, \$7.55; first clears, in jutes, \$6.30; second clears, \$6.05.

### NOTES

W. H. Wohler, of the Cadick Milling Co., Grandview, Ind., has returned from a business trip to Iowa.

Edgar Igleheart, of Igleheart Bros., Inc., has returned from a few weeks' visit with his family at Miami, Fla.

D. E. Cadick, head of the Cadick Milling Co., Grandview, Ind., was one of the officials connected with the merger of the Mercantile Commercial and the Morris Plan banks in Evansville last week.

Igleheart Bros., Inc., announces the opening of a cooking school which will continue throughout the summer, closing next fall. The school will be conducted by Miss Grace Steinhauser, head of the domestic science department of the company.

### NASHVILLE

Flour sales in the southeastern markets last week were materially smaller, running less than 40 per cent of capacity, although business was fairly well sustained. Aggregate shipments were a shade larger than a year ago, due to the fact that specifications on contracts were more active. With the market showing a stronger tone, buyers were willing to give instructions more freely, and this enabled mills to continue running time on very near the same basis as for the preceding week. Purchases have been a little irregular, due to the hesitancy of buyers on account of uncertainty regarding the market. Chiefly small orders of less than 500 lbs are being placed in the current business, mostly for prompt and 60-day shipment.

The month of March has been very satisfactory in volume of trade thus far. Shipments have been about the same as last year and at times larger. However, the rapid changes in the market have prevented the usual satisfactory results in the matter of profits, according to some of the mills. Buyers have not been greatly influenced by low prices this month, and the view has been gaining ground that prices may not decline again in the near future. Consumption holds up satisfactorily.

Flour prices were a shade stronger last week, reflecting the wheat market, with range of 10@15c in prices on account of the movement of grain. Quotations, March 29: best soft winter wheat short patent, 98-lb cottons, f.o.b., Ohio River stations, \$7.25@7.75 bbl; straights, \$6@6.25; first clears, \$4.50@5.

Mill agents handling Minnesota and western flours report some improvement in demand, with fair volume of trade. Stocks at Nashville are moderate, and somewhat below last year, due to a conservative buying policy. Quotations, March 29: spring wheat first patent, 98-lb cottons, delivered at Nashville, \$7@7.50 bbl; standard patent, \$6.75@7; hard winter wheat short patent, \$6.25@6.60; straights, \$5.75@6.10.

Output of flour by southeastern mills, as reported to The Northwestern Miller:

	Weekly capacity	Flour output	Pct. of activity
	bbls	bbls	bbls
March 23-29	123,120	52,388	67
Previous week	124,020	54,923	68
Year ago	136,020	81,112	60
Two years ago	134,520	89,261	66
Three years ago	167,220	99,632	60

### NOTES

Completion of a corn meal and feed plant at Birmingham, Ala., by the Western Grain Co. has been announced.

The date for the annual meeting of the National Soft Wheat Millers' Association has not yet been determined, according to Dr. W. H. Strowd, secretary. The meeting probably will be held some time late this spring.

Miss Myra Reagan, of the home economics department of the National Soft Wheat Millers' Association, was in Georgia last week, making demonstrations of self-rising flour under auspices of the state home economics department.

Stocks of flour at Nashville, with comparison with a year ago, as shown in parentheses, as reported by the Grain Exchange, March 29: flour, 55,300 bbls

(60,000); wheat, 403,000 bus (487,000); corn, 98,000 (121,000); oats, 193,000 (682,000).

### ATLANTA

Business is scattered and in very small lots, with family spring flours holding most of the attention. A few millers and brokers made bookings of sizable orders during the recent lows. Family flour business is improved in some quarters, although spring wheat flours have not responded to the current market recovery but have scaled downward 10@20c, possibly attracting the orders that have been noted. Other flours have remained consistently quiet with little change in price. Quotations, basis 98-lb cottons, f.o.b., Atlanta: hard winter wheat, short patent flours \$6.05@6.25 bbl, standard patent \$5.75@5.85, straight \$5.60@5.70, soft winter wheat, short patent flour \$6.75@7.25, standard patent \$6.25@6.60, straight \$6.10@6.20, spring wheat family flours, short patent \$6.05@6.60, standard patent \$5.75@6.30, straight \$5.60@6.15.

### NOTES

W. J. O'Keefe, sales manager for the International Milling Co., Minneapolis, is in southern territory on business.

J. E. Anderson, Toronto manager for the Lake of the Woods Milling Co., Ltd., has returned from a vacation in Florida.

H. P. Iverson, manager of the Sperry Flour Co., Ogden, Utah, is visiting the leading southern cities on a business trip.

C. R. Stratton, of the bakery service department of the Pillsbury Flour Mills Co., Minneapolis, was in Atlanta recently.

Clarence S. Chase, sales manager for the Lukens Milling Co., Atchison, Kansas, is calling on the trade through the Southeast.

Warren G. Torrey, Boston representative for the Washburn Crosby Co., Inc., is in Florida on a vacation trip that will also include Havana.

C. C. Blair, vice president of the Globe Elevator Co., Duluth, has spent several weeks in the South, and has returned to the Minnesota headquarters.

O. L. Bauer, divisional sales manager for the Larabee Flour Mills Co., Kansas City, has for two weeks been calling on the trade in southern centers.

The Atlanta Bakers' Club will give a stag dinner at the Atlanta Biltmore Hotel on the evening of April 14. The meeting will be largely social in nature.

J. R. Henderson, Atlanta manager for the Pillsbury Flour Mills Co., has returned from a brief business trip and will go out again soon, visiting South Carolina and Georgia territory.

J. Juul, president of the Southwestern Milling Co., Inc., Kansas City, was in Atlanta recently and called at the offices of the American Bakers Co. Mr. Juul is returning to the Kansas City office following a visit to Florida points and Havana, Cuba.

### NORFOLK

The flour market has weakened, and business is reported as fair. Quotations, March 28: northwest springs, \$6.65@6.85 bbl, second patents \$6.45@6.65; Kansas patents \$6.25@6.40, second patents \$5.95@6; top winters, \$6.15@6.30; second patents, \$5.85@5.90; Virginia and Maryland straights, \$5.75@5.90.

### INDIANA ELEVATOR BURNS

INDIANAPOLIS, IND.—The elevator of the Farmers' Co-operative Elevator & Warehouse Co., Southport, Ind., was ravaged by fire of unknown cause, March 22. Loss, which was covered by insurance, is estimated at \$50,000 by J. J. Riser, manager of the company. Quick work of the firemen kept the blaze from spreading to the company's coal bins, office building and adjacent structures. The elevator will be rebuilt, according to officials of the company.

### NEW BALTIMORE FEED FIRM

BALTIMORE, MD.—The youngest of Baltimore feed firms is Runge & Co. The new concern has taken its offices at 503 Chamber of Commerce Building. Runge & Co. will deal in buys, grains and feeds of all kinds.



## COUNTRY MILLS HOLD LARGER WHEAT STOCKS

Exceed Those of Last Year by 13,000,000 Bus, and of Two Years Ago by 20,000,000 Bus

WASHINGTON, D. C.—In a report intended to include only country elevators and the smaller interior mills, the crop reporting board of the United States Department of Agriculture estimates that on March 1, 1930, there were 95,950,000 bus of wheat in these hands. On March 1, 1929, stocks are estimated to have been 82,419,000 bus, and on March 1, 1928, 75,428,000 bus.

The estimates are based upon reports received from 3,857 mills and elevators, representing roughly a fifth to a quarter of the elevator capacity in wheat producing and country milling regions. Included in the report are only country elevators and smaller interior mills which are not included either in the department's reports on stocks of wheat in 39 markets or in the bureau of the census report of stocks of wheat in merchant mills and attached elevators.

Expressed in 1,000 bus, stocks of wheat in these facilities in the several states, as shown in the current report of the crop reporting board, are as follows:

District or State	1928	1929	1930
New England	75	100	103
New York	629	723	650
New Jersey	138	182	162
Pennsylvania	2,030	1,990	1,455
Ohio	1,453	1,590	3,190
Indiana	1,665	332	2,200
Illinois	1,742	1,391	3,050
Michigan	1,542	1,311	1,650
Wisconsin	500	300	270
Minnesota	2,720	2,992	2,850
Iowa	494	519	725
Missouri	1,099	1,648	1,480
North Dakota	14,321	19,100	18,145
South Dakota	4,956	3,472	2,888
Nebraska	2,953	3,485	3,190
Kansas	3,340	3,808	6,331
Maryland	551	523	530
Virginia	838	922	832
Kentucky	450	315	630
Tennessee	517	491	400
Oklahoma	1,500	3,000	2,250
Texas	450	1,350	1,350
Other southern states	514	520	576
Montana	8,021	8,422	7,580
Idaho	5,180	5,111	5,000
Colorado	2,011	2,000	1,800
New Mexico	57	125	100
Utah	562	905	850
Washington	9,950	9,500	15,225
Oregon	4,011	4,800	7,700
California	2,183	2,838	2,930
Other western states	405	344	338
<b>Totals, United States</b>	<b>75,428</b>	<b>82,419</b>	<b>95,950</b>

## NEBRASKA MILLERS OBJECT TO EXPORT TRADE HANDICAP

OMAHA, NEB.—In a signed statement last week, J. N. Campbell, secretary of the Nebraska Millers' Association, says: "The Federal Farm Board is doing a good job at sustaining the wheat market in this country when it maintains the Chicago price on a par with Liverpool, or above it, while the normal spread should be 10¢@15¢.

"But how will our mills here in the Southwest fare in their export departments? They cannot buy wheat on the option basis and sell the flour abroad in competition with mills using Canadian wheat, at the present time, unless the board, by some legerdemain, lets them have wheat for export flour on a much lower basis.

"Are flour exports to be cut off from our interior mills as they were in Canada last year?

"It will be a sinister situation if the milling industry of the United States is compelled to confine its flour export business to a chain of mills on Lake Erie producing flour for export from Canadian wheat milled in bond and marketed as American flour."

## NEW WAREHOUSE AND FARM STORAGE LAWS IN NEBRASKA

OMAHA, NEB.—A new Nebraska warehouse law and a new farm storage law have been established through the recent passage of two statutes by the Nebraska legislature. The new laws are of particular interest to farmers, millers and grain men.

The warehouse law provides that any mill, elevator or warehouse receiving grain for storage or consignment, must

qualify as a "public grain warehouse" by paying \$5 per year for a license from the state, for each house so operated, the license to expire June 30 each year. A license may be revoked and other penalties inflicted for failure to observe the mandate of the law.

The farm storage law provides for inspecting, grading and sealing grain in bins on the farms. The certificates can be used as collateral for loans at the local banks and loan agencies of the Federal Farm Board, under such rules as the board may adopt. The law is designed to encourage and assist growers to hold their grain on farms in much greater volume than at present.

The administration of the two laws has been placed with the Nebraska agricultural department. Secretary McLaughlin will formulate rules and regulations governing the licensing of elevators, warehouses, and farm storage warehouses, and employ such assistance as may be needed to enforce the laws. He is also charged with the responsibility of fixing storage rates per bushel per month or term.

The law leaves it optional with the owner of an elevator or warehouse as to whether he will operate a public grain warehouse or not. Any one receiving grain for storage or consignment, however, must take out a storage warehouse license.

## QUEEN CITY COMPANY WILL BUILD BUFFALO FEED MILL

BUFFALO, N. Y.—The Queen City Milling Co., feed manufacturer, has announced plans for the construction of a \$150,000 plant at Buffalo. Building will begin April 15, and when completed the mill will have a maximum capacity of 45 cars of feed per day. The production schedule for a period following the opening of the plant, however, will be 20 cars per day, according to Bert Hull, president.

## GOVERNMENT FUNDS FOR DROUGHT OR FLOOD AREAS

WASHINGTON, D. C.—Under authority of a resolution passed by Congress and approved March 3, 1930, the Department of Agriculture is preparing to lend to farmers in storm, flood and drought stricken areas of the United States funds to meet their requirements of seed, feed for work stock and fertilizer for the 1930 crop. Congress provided \$6,000,000 for this purpose, to be used in 15 states where the Secretary of Agriculture finds need for such assistance exists.

Applications for loans from Virginia, North and South Carolina, Georgia, Alabama and Florida will be received at the Farmers' Seed Loan Office, Columbia, S. C. Applications from Ohio, Indiana, Illinois, Missouri and Oklahoma will be

## THE CHARGE OF THE BREAD LINE

New York, N. Y.

TWO loads of doughnuts, cakes and pastries contributed by the Mello Bakery, 425 Tenth Avenue, had rough handling from the bread line at the Salvation Army Hotel recently. By mistake the truck drivers stopped before the front entrance at 225 Bowery, where about 1,000 men were waiting in line for food, and the immediate charge on the baked goods by the jobless crowd disposed of about a third of a load in short order. Salvation Army workers and policemen rescued the remainder and the truck was driven around to the alley under heavy guard. Colonel Wallace Winchell, head of the hotel, said there were still enough cakes and doughnuts left to feed 1,000 or 1,500 and the contribution was most welcome. Because the owners of the bakery had appreciated Salvation Army doughnuts in France they made this donation showing that doughnuts cast on the water have the same returning powers as bread.

handled at a similar office in the Old Customs House, St. Louis.

Montana, North Dakota and Minnesota applications will be handled from an office at Grand Forks, N. D. An office in Albuquerque, N. M., will take care of applicants from the flood areas of the Rio Grande Valley in New Mexico.

## KEYSTONE BAKERS MEET

PITTSBURGH, PA.—The Keystone Bakers' Association held their monthly meeting in the Haller Eagle Bakery, Altoona, March 3. Bakers from points as far distant as Cumberland, Md., and Bedford, Pa., were present. The evening was given over to a cake demonstration with M. Cavenagh, of General Mills, Inc., in charge. He stressed the importance of bakers making quality cakes in order to get the housewife to buy. John Haller and his two sons were hosts to the bakers at a buffet luncheon after the meeting.

## What Fooled the Farm Board?

(Continued from page 25.)

"The Price Situation" carry the following illuminating comments upon prospective prices:

"The advance in cash wheat prices forecast a month ago is under way, and probably will continue for some time to come."

"The outlook for cash prices during the remainder of January and February has not materially changed in the past month, and the indications are still for some improvement in prices."

Contrast with these statements the weekly average prices actually recorded during January and February:

Week	No. 1 dark nor	No. 2 hard	No. 2 red
Jan. 3-9	\$1.36	\$1.25	\$1.37
Jan. 10-16	1.33	1.21	1.34
Jan. 17-23	1.31	1.18	1.34
Jan. 24-30	1.31	1.18	1.33
Jan. 31	1.27	1.14	1.29
Feb. 1-7	1.25	1.12	1.23
Feb. 8-14	1.22	1.10	1.21
Feb. 15-21	1.22	1.10	1.21
Feb. 22-28	1.25	1.13	1.24

Note.—Prices were affected and somewhat supported during this period by actions of the Federal Farm Board and the corporations affiliated with it.

The department's forecasts of exports of wheat, including flour, from the United States and Canada for the season 1929-30 arouse curiosity as to the data from which they are estimated.

As late as Dec. 20, 1929, the net exports from the United States were forecast from 230,000,000 to 250,000,000 bushels, and the exports from Canada from 220,000,000 to 240,000,000. Reported net exports from the United States for the first seven months of the season have amounted to about 99,000,000 bushels, and exports from Canada to about 117,000,000. This would leave to be exported from the United States in the last five months of the season some 130,000,000 to 150,000,000 bushels, and from Canada some 103,000,000 to 123,000,000. Such amounts would call for an average movement from the United States of from 26,000,000 to 30,000,000 bushels per month from February to June, and from Canada a movement of from 21,000,000 to 25,000,000.

## RECEIVERS APPOINTED FOR KEYSTONE STORES CONCERN

PITTSBURGH, PA.—Robert J. Hamilton, Jr., president of the concern, and Scott H. Brandel, of Pittsburgh, have been appointed receivers for the Keystone Stores Corporation. The receivership was asked by the J. M. Snicker Co., Orrville, Ohio, the claim being made that the grocery company owed \$3,217 for goods purchased.

The bill of complaint sets forth that the Keystone corporation operates 230 retail stores in Pennsylvania, Maryland, West Virginia and Ohio and that it employs 750 persons. The declaration also is made that the Keystone Stores Corporation operates the Keystone Stores Co. of Ohio, which conducts fine stores, and owns a large warehouse in Pittsburgh on which there is a mortgage of \$676,000.

## COTTON PRICES RISE; BURLAP FLUCTUATES

Situation in India Affects Trading in Both Markets—Unusual Congestion in May Cotton—Jute Quiet

NEW YORK, N. Y.—Following pronounced weakness at the beginning of last week, the cotton market rallied strongly, and at one time reached the highest point of the advance which has been under way for some time. Trading was easier at the close, but prices held steady. As new crop deliveries approached the 10c level, operators were less inclined to follow advances, and the demand for contracts was less active, particularly in view of the fact that May obligations were covered and trading advanced to later positions.

Both American and Indian spot quotations were lower in Liverpool, with the spread between them being about 275 points, the widest of the season. Estimates of the Indian crop have been reduced below last season's prediction, but prices have not improved and some concern is expressed over the uncertainty of a new labor schedule on April 1. Undoubtedly selling of new crop positions in American markets is being held back because of the fear that active trading in those months at this time would lead to increased acreage being planted this year, rather than the desired reduction.

The high point which the market reached last week was largely attributable to congestion in the May position and nervous short covering. It is also said that uncertainty over the intentions of the farm board over the disposal of its extensive line of May contracts has lifted the old crop from a discount to a premium over the new. This situation became so pronounced that for the first time since last May a near month sold last week at a premium on the New York Cotton Exchange.

Toward the close of the week, however, covering in the May delivery fell off sharply, and in some cases May was sold against purchases of new crop deliveries. Spot circles report little demand for actual cotton, and sales in southern markets are materially under the volume of the corresponding time last year.

The unusual congestion in the May position has been recognized by the board of managers of the New York exchange, which has issued the following statement:

"After careful investigation and consultation with the attorneys of the exchange, the board of managers has decided that, upon the evidence so far submitted, no individual, firm or corporation and his or its affiliates has an interest in contracts in either May or July that is contrary to the rules of the exchange. The control committee has been and is endeavoring to ameliorate the apparent congested situation in the old crop positions."

## BURLAP

Price tendencies in the New York Burlap and Jute Exchange fluctuated rapidly last week, largely because of varying advices from Calcutta. Occasionally a fair buying interest appeared, but usually at prices slightly under those prevailing on the exchange. Sellers, however, were unwilling to make sufficient concessions to close actual transactions. Reports have been received of shorter working hours in Calcutta, borne out by price advances there, which, of course, reacted in favor of the bullish side of the local market.

For some time there has been a short interest in some of the late positions, and bullish news has led to active bidding in September. This has resulted in buyers and sellers coming nearer together in their price ideas of those deliveries, and some trades have taken place. Sellers, of course, have taken advantage of this situation, and advanced their prices materially.

## JUTE

There has been practically no trading in jute on the local exchange for some weeks, and the past one was particularly quiet. Few trades could be confirmed, and the market remained unchanged and neglected.



# F E E D S T U F F S

## MILLFEED

### CENTRAL WEST

**Chicago.**—Both bran and middlings are in very active demand, with bran given preference, moving in good volume; red dog slow; supplies light; trend firmer. Quotations: spring bran \$27.50, hard winter \$28; standard middlings \$27, flour middlings \$30; red dog, \$30@31.

**Milwaukee.**—Millfeeds the latter part of last week began to firm up and have been steadily advancing. Bran has advanced approximately \$4@4.50 from the low point, and middlings \$3.50@4.50. Flour middlings and red dog have not advanced as sharply as bran and standard middlings. Some of the factors in the improvement of the feedstuffs market are to be found in the result of the inclination of small dealers, feed manufacturers and others to allow stocks to reach practical depletion before replenishing. Stocks in hands of consumers are extremely low. Argentine bran still is offered along the Atlantic seaboard on the basis of \$25, New York. Up to date, approximately 20,000 tons have moved to the Atlantic Coast from Argentina. Samples of bran look very satisfactory, but the middlings are rather coarse and are not as readily salable. The advancing tendency in prices for bran and shorts will depend mostly upon the degree of improvement in eggs and poultry. Butter fat is above the low level, and is at a more seasonable level. Bran, \$27@27.50; standard fine middlings \$26@27, flour middlings \$28@29; red dog flour, \$30@31; rye middlings, \$21@21.50.

**St. Louis.**—Demand continues good; inquiry very good for near-by; mixers are buying actively, and little is available for prompt shipment, while virtually none can be obtained for immediate; buyers are mostly interested in those shipments. Bran, \$27.50@28.50; brown shorts \$29, gray shorts \$30; standard middlings \$26.25@26.75, flour middlings \$29@30.

**Louisville.**—Demand slow; trend weak; flour orders in hands of millers indicate steady production and offerings of feed; shipping instructions needed on flour. Bran, \$28; mixed wheat feed, \$29; middlings, brown \$30, gray \$33; red dog, \$34.

### THE NORTHWEST

**Minneapolis.**—An excellent, general demand was reported throughout the week for bran and standard middlings for immediate shipment. More disposition was also shown to contract for future needs. Where immediate shipment could not be given, buyers bought for first half April and, in addition, took on some for April-May. In consequence, surplus offerings were absorbed, and the supply situation is again tight. Temporarily, there is a lull in buying. The trade, as a whole, is very sanguine that demand will be good from now on and that higher prices will prevail. Flour middlings and red dog have not advanced as much as have the lighter grades, but are much firmer than they were a week or two ago. City mills hold bran at \$25 ton; standard middlings \$24.50@25; flour middlings \$28@28.50; red dog \$29@31; wheat mixed feed \$25 @28 and rye middlings \$19@20, in 100-lb sacks, f.o.b., Minneapolis.

**Duluth.**—Demand slightly improved; trend steady to firm; buyers show interest for prompt and deferred shipment up to July. Bran, \$23; standard middlings, \$24; flour middlings, \$26.50; red dog, \$29.

**Des Moines.**—Demand is considerably better; supplies heavy; trend sharply upward. Bran, \$28; gray shorts \$33; flour middlings \$32, standard middlings \$26; red dog, \$34@39.

### THE SOUTHWEST

**Kansas City.**—Demand has been active, in particular, for prompt and immediate shipment, caused principally by short-sellers fulfilling their March contracts. Feed manufacturers also have felt the



## Feed Markets Display Strength

**C**ONTINUING the revival of the feed markets, demand showed a further improvement this week, and prices of most feeds were marked up again compared with a week ago. Little interest was manifest in gluten feed and alfalfa meal, and there was no change in the price level of these feeds. Millfeed and cottonseed meal displayed the most strength as the result of more active call for limited supplies. Mixed feed manufacturers experienced a better demand for their brands, and as a result were in the market for ingredients. The financial situation of most farmers, however, tends to curb purchasing of more feed than is immediately necessary. Generally favorable weather for pastures and ranges prevailed during the week, but more moisture is needed in parts of the Southwest.

### MILLFEED

Demand for millfeed continues active, especially for prompt shipment, and prices are \$1.50@3 higher than a week ago in nearly all markets. The increased demand is caused partly by short sellers, who need the supplies to fill March contracts, but feed manufacturers, jobbers and small distributors also are in the market. The result is an oversold condition, with spot supplies being very scarce. Offerings of shorts, especially, are not nearly equal to demand, while stocks in store are being held above current levels in anticipation of still higher prices. While most purchasing is for immediate shipment, there is more disposition apparent to contract for future needs. There has been fair buying for April-May shipment and some for June, at small discounts under spot levels. Mixed car business is good. Production of millfeed, as reflected by flour output at principal milling centers, showed a further decline last week, output of flour mills in the United States falling off 68,000 bbls, chiefly the result of declines in the Northwest, Southwest and on the Pacific Coast. The increase in buying is not as apparent on the Pacific Coast, where interest is only slightly better. Montana mills have reduced their prices \$2 at San Francisco, offsetting an increase of \$3 by Kansas mills. The trade has turned to the former source, but offerings are not large. Argentine offerings tend to keep prices from advancing.

### COTTONSEED MEAL

Better buying of cottonseed meal has developed in central western and eastern markets, and prices are about \$2 higher than a week ago in those sections. Advances were not made in the far Southwest and on the Pacific Coast, but prices are very firm in those markets and demand is somewhat better. Desire for prompt shipment is outstanding, and shipping directions are liberal. Mills continue to offer meal sparingly, as they are fairly well sold up in most instances. The Memphis option market rose with cash prices this week, showing a recovery of about \$3 ton from low points. Export demand continues very small, but domestic consumption this year is larger due to general low prices. Thus far conditions have been favorable for new crop development, and in the lower sections of the belt, some cotton planting has been done.

### LINSEED MEAL

Some increase in interest in linseed meal is reported this week, especially for prompt shipment, which combined with the lightness of offerings, has resulted in price advances of \$2@3 in some markets. At other points, prices remain unchanged, but are firmer than a week ago. Although better than last week, demand still is moderate generally. Supplies are scarce at Buffalo, and offerings at Chicago, Toledo and Milwaukee are light. The duty on oil meals in the tariff bill has stimulated quick shipment sales of oriental meal on the north Pacific Coast. Demand is rather slow at San Francisco, but prices are steady.

### HOMINY FEED

A slightly better demand for hominy feed prevailed in some important markets this week, but in general the interest remains only fair. Prices are unchanged from a week ago in most instances, but at some points were marked up 50c@1.50. Eastern markets report the largest increase in interest.

### ALFALFA MEAL

With only a slow to fair demand prevailing, alfalfa meal prices did not advance with other feeds this week. Prices are unchanged from a week ago, and are largely nominal at many points. Good demand was reported at Kansas City. Supplies in most markets are ample and offerings are liberal.

### GLUTEN FEED

No change is reported in prices of gluten feed and meal since a week ago. Demand remains very slow, but prices are guaranteed until June 1 by manufacturers, and consequently are firmly held. Supplies are rather large in many markets, but it is reported that production at present is below normal.

spur of demand and as a consequence are active buyers. This unexpected strength in the market has resulted in an oversold condition. Offerings of shorts are not nearly equal to demand, and since stocks in store continue to be held above current levels in the expectation of even higher prices, not much relief is in sight. Mixed car business good. Bran for immediate and quick shipment quoted at

\$25@25.50; gray shorts, \$29.50@30; brown shorts, \$28.50@29.

**Oklahoma City.**—Demand stronger; inquiry more active; trend higher. Straight bran \$26, mill run \$28, shorts \$30, delivered, Oklahoma points.

**Omaha.**—Demand active; inquiry improved; trend upward. Standard bran \$25, pure bran \$25.50; wheat shorts

\$28.50@29, gray shorts \$29.50@31; flour middlings, \$31.50@32; red dog, \$33@34.

**Denver.**—Demand improved; supplies plentiful; trend somewhat steadier. Red mill run bran \$25@28, white \$28@32; shorts, gray \$32@35, white \$34@37.

**Atchison.**—Demand good; inquiry active for both prompt and deferred; trend higher; the slight strength in wheat, together with a general feeling that values had gone low enough, caused a sharp advance; all sections bought active. Bran, \$23; mill run, \$24.50; gray shorts, \$26.50@26.

**Hutchinson.**—Demand showed marked improvement; inquiry good; trend higher; interest was more widespread than in weeks; all classes of buyers are in the market for both early and deferred shipment; low stocks are serving to strengthen prices, which are \$2 above the recent low. Bran \$23, mill run \$25, gray shorts \$27, Kansas City basis.

**Wichita.**—Demand active; inquiry very good; trend stronger; prices up around \$2@2.50; business heavy, particularly with mixed feed manufacturers; trade appears very much interested, and filling all requirements without hesitation. Quotations: bran, \$24@25; mill run, \$26; shorts, \$28@28.50.

**Salina.**—Demand for bran is extremely light, with very little actual trading. Gray shorts are also inactive, due to the advanced level. Offerings are reduced considerably, but are sufficient to take care of immediate demand. Mills are not pushing sales for deferred shipment, but little inquiry has been made. A large percentage of the shipments are to mixers. Demand from feeders has decreased somewhat due to the excellent pasturage of winter wheat. A few shipments have been made to mixers and feeders in the East and in New England, and some to the central states. Instructions for straight cars of flour are coming in very slowly and mills are running about 75 per cent capacity. Only a few new flour bookings for deferred shipment have been made, and it is extremely difficult to get buyers to order out flour booked at higher levels, thus curtailing bran and shorts production. Mixed car shipments are going forward on time, but do not seem to be as much in demand as they were in January and February. Prevailing prices: bran \$22@22.50, and shorts \$25@25.50, Kansas City.

### THE EAST

**Buffalo.**—Demand fair; trend advancing. Spring bran \$30; standard middlings, \$29, flour middlings, \$31; red dog, \$33.

**New York.**—Demand improved; Argentine offerings slackening; underprice firm. Bran, \$30@31.60; standard middlings, \$30.60@31.60; red dog, \$36.50.

**Boston.**—Demand improved; trend upward. Spring bran \$34@34.50, winter \$34@34.50; middlings, \$32.50@33; wheat mixed feeds, \$33@34; red dog, \$38@38.50.

**Baltimore.**—Demand only moderate; inquiry principally for spot goods; trend somewhat firmer; market has reacted from recent low levels under stronger advices from primary points of production, but the fact that Argentine feed for deferred shipment is still offered cheaper, restricts buying of native. Spring wheat bran \$33@34; winter \$33@34; standard spring wheat middlings \$33@34, flour middlings \$35, red dog \$37@38.

**Philadelphia.**—Demand fair; trend upward. Spring and hard winter bran \$31@31.50, pure bran \$31.50@32, soft winter \$32.50@33; standard middlings \$30.50@31, flour middlings \$34@36.50; red dog \$35.50@36.50.

**Pittsburgh.**—Demand good; inquiry active; trend firmer; offerings moderate prices higher. Spring wheat bran, \$28.50@29.50; standard middlings, \$28.50@29.50; flour middlings, \$32@33; red dog, \$35@35.50.

### CENTRAL STATES

**Toledo.**—Demand slow; inquiry light; trend easier; accumulations continue, and

Unless otherwise specified, feed quotations named in The Northwestern Miller are of Tuesday, the day preceding publication, and are per ton, sacked, in car lots, f.o.b., at the points named.



demand for near-by offerings is not liberal enough to take the slack out of the market; buyers are cautious. Soft winter wheat bran, \$28@28.50; wheat flour middlings, \$28.50@29; mixed feed, \$28.50.

Cleveland.—Demand better; inquiry is light; trend upward. Hard winter wheat bran \$30@31, soft winter \$30.75@31, spring wheat \$31; standard middlings \$30.50, flour middlings \$32.56@33.80; red dog, \$36.30.

Cincinnati.—Demand strong; inquiry good; trend upward; brans and middlings have advanced \$2; offerings light. Bran, soft winter wheat \$28.50@29, hard winter \$28@28.50; middlings, standard spring wheat \$28.50@29, soft winter \$30@30.50; gray shorts, \$28.50@29; red dog, \$33@33.50; wheat mixed feed, \$28.50@29.

Indianapolis.—Demand fair to good; trend steady to slightly higher; offerings from western mills are very light. Soft winter wheat bran, \$28@28.50; standard middlings, \$28.50@29; wheat mixed feed, \$29@29.50; flour middlings, \$33@33.50; red dog, \$34.50@35. Hard wheat feeds are quoted 50c higher.

Evansville.—Demand improved; trend stronger. Bran, \$28; wheat mixed feed, \$28; shorts, \$29.

Columbus.—Demand slow; supplies are good; trend easier. Spring wheat bran \$31@31.50, standard middlings \$31@31.50, flour middlings \$34@34.50, mixed feed \$34, red dog \$35.50@36, soft wheat bran \$31, middlings \$29, mixed feed \$30.

THE SOUTH

New Orleans.—Demand fair; trend is higher. Texas wheat bran \$1.35@1.40 per 100 lbs; gray shorts, \$1.45@1.50; Kansas wheat bran \$1.48@1.50, gray shorts \$1.55@1.60; Missouri wheat bran \$1.45@1.50, gray shorts \$1.55; red dog, \$1.85@1.90; standard middlings, \$1.55.

Atlanta.—Demand light; supplies are ample; trend steady. The market is showing considerable strength due to increased demand for poultry, dairy and hog feeds, but the sectional demand is proverbially slow and has not responded to the threat of rising prices; dealers have taken considerable punishment during the recent slump on outstanding contracts at previous high prices, and are, generally, well supplied to care for the normal light demand. Wheat bran, \$31@33; gray shorts, \$32@34; standard middlings, \$35; flour middlings, \$37@38.50; red dog, \$41@42.50.

Norfolk.—Demand increasing; trend is slightly upward. Red dog, \$34.50@37; winter middlings \$32@35, bran \$32@35; standard middlings \$30.50@32, bran \$30.50@32.

Fort Worth.—Demand excellent; offerings limited; mills' surplus is well cleaned up; trend upward. Wheat bran \$1.40@1.45 per 100 lbs, gray shorts \$1.50@1.55, white shorts \$1.85@1.90, delivered, Texas common points. Wheat bran from Oklahoma, \$1.28@1.30, delivered, Fort Worth.

Nashville.—Demand showing improvement; trend firmer. Wheat bran, \$23@27; standard middlings, \$25@29.

Birmingham.—Demand slightly better; trend upward. Bran, standard grade \$33.50, pure wheat \$33@34; gray shorts

Index of Millfeed Production

THE following table shows the computed production of millfeeds for the current week, with prior weeks and annual averages for comparison, of (1) mills of Nebraska, Kansas and Oklahoma and the cities of Kansas City and St. Joseph; (2) mills of Minnesota, North Dakota, South Dakota and Montana and the cities of Minneapolis, St. Paul and Duluth-Superior; (3) mills of Buffalo, N. Y.

Table with 6 columns: Region (Southwest, Northwest, Buffalo), Tons, Total since Jan. 1, and Jan. 1. Rows include March 23-29, Previous week, Year ago, Two years ago, Three years ago, Four years ago, and Five-year average.

Note: The foregoing figures are computed from flour production as reported direct to this publication by 75 per cent of the flour milling capacity of the Southwest, 81 per cent of the Northwest and all of the flour mills of Buffalo.

in burlap bags, unstamped, \$35@36 for April shipments.

Dallas.—Demand slow; trend lower; offerings ample. Delivered, Texas common points, 100-lb bags: bran, \$130@1.35; brown shorts \$1.50@1.55, white shorts \$2@2.05.

Memphis.—Demand limited to filling in needs, which are small; trend firm and higher; offerings scarce. Wheat bran, \$27.25@28.50; gray shorts, \$30@30.50.

PACIFIC COAST

Seattle.—Demand some better; stocks moderate; prices firm at slight advance over week ago. Washington standard mill run \$26@26.50; Montana mixed feed, \$25@25.50.

Portland.—Demand limited; inquiry is slow; trend weak; country buying light, with plenty of homegrown feed still available. Standard mill run, \$31; middlings, \$41.

Spokane.—Demand active; trend downward; prices off \$2. Quotation, \$30@31.

San Francisco.—Demand slightly improved, but still slow; trend steady; Kansas bran has advanced \$3, while Montana has declined \$2 and the trade is now turning to the latter for their requirements, although offerings are not heavy; intermountain offerings light, and mills holding prices firm. Kansas bran, \$34@35; Ogden white mill run \$32.50@33, blended mill run \$32@32.50, red mill run

\$31.50@32; northern white bran and mill run \$32@33, red and standard mill run \$31@32, shorts \$35@36, middlings \$40@41; Montana bran \$30@31, mill run \$30@31, low grade flour \$40@41.

Ogden.—Demand very light; trend is steady and unchanged; dealers report very little trading and country mills find surplus stocks accumulating, though entire output of large Ogden mills is being utilized in making poultry feeds. To California dealers, red bran and mill run \$29.50, blended bran and mill run \$30.50, white bran and mill run \$31.50@32, middlings \$40.50, f.o.b., San Francisco and other California common points; to Utah and Idaho dealers, red bran and mill run \$24.50, blended bran and mill run \$25.50, white bran and mill run \$25.50@26, middlings \$34.50.

CANADA

Toronto.—Demand very active; inquiry keen; trend steady; mill production increasing, and offerings more plentiful; there is no surplus, however, as demand easily takes care of all available supplies; prices unchanged. Bran \$31, shorts \$33, middlings \$38, jute, mixed cars, delivered, Ontario points and as far east as Montreal.

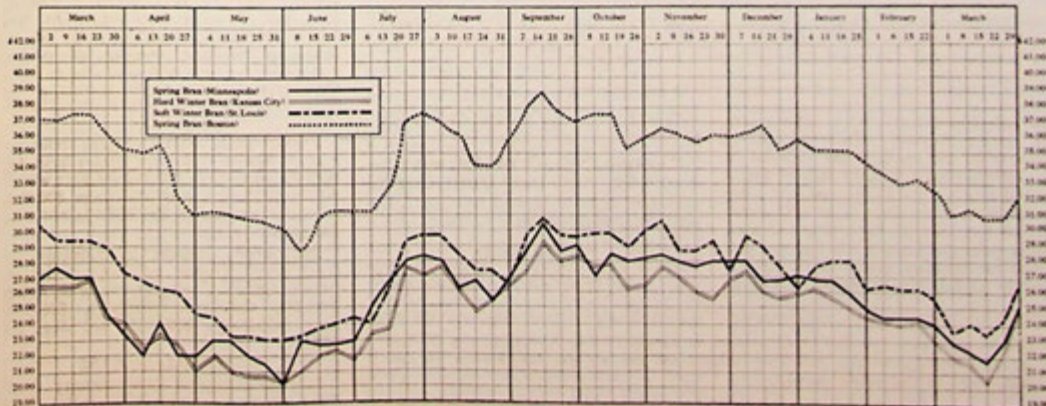
Winnipeg.—Demand moderate; trend steady; no accumulation. Manitoba and Saskatchewan, bran \$30, shorts \$32; Alberta, bran \$31, shorts \$33; British Columbia, bran \$31@33, shorts \$33@35;

SUMMARY OF MILLFEED QUOTATIONS

Millfeed quotations reported by wire Tuesday, April 1, based on carload lots, prompt delivery, per ton, packed in 100-lb sacks:

Summary of millfeed quotations table with columns for Chicago, Minneapolis, Kansas City, St. Louis, Baltimore, Buffalo, Philadelphia, Boston, Columbus, Nashville, Toronto, Winnipeg, and Spring Branch. Rows list various feed types like Spring bran, Hard winter bran, Soft winter bran, Standard middlings, Flour middlings, Red dog, etc.

Range of Bran Prices



Pacific Coast, bran \$34@36, shorts \$36@38.

Vancouver.—Demand fair; trend downward; mills are offering fairly large supplies, but receiving few offers. Bran, \$34; shorts, \$36; middlings, \$43.

Montreal.—Quotations: bran, \$31.25; shorts, \$33.25; middlings, \$38.25, all less 25c for cash.

BREWERS' DRIED GRAINS

Milwaukee.—Demand and inquiry good; trend steady. Quotation, \$24.50@25.50.

CORN FEED

Milwaukee.—Demand and inquiry are good; trend steady. Yellow feeding meal, \$31; cracked corn, \$35.50; ground outs and corn, \$35.75.

COTTONSEED MEAL

Memphis.—Demand fairly good, but less keen than before recent buying spurt for immediate shipment; trend steady at advance; mills offering sparingly: 41 per cent protein, \$35; 43 per cent, \$37.50; hulls, loose, \$7.

DAIRY FEED

Chicago.—Demand slightly improved; supplies low; trend steady; 32 per cent protein, \$43@45; 24 per cent, \$38.50@40; 20 per cent, \$37@38.50; 16 per cent, \$28@29.50.

GLUTEN FEED

Chicago.—Demand somewhat improved latter part of week, as manufacturers have now extended guaranty from June 1 to July 1, and buyers are now taking out orders on this guaranty. Mills are also offering for April and May; trend steady. Meal, \$40.15; feed, \$30.

HOMINY FEED

Omaha.—Demand fair; trend steady. White, \$25; yellow, \$25.50.

Baltimore.—None offered or quoted, while yellow corn feed meal is firmer and selling better at \$45.

LINSEED MEAL

Minneapolis.—Prices \$2 higher. Demand for prompt shipment and directions good, with more interest shown in deferred deliveries. Pure linseed meal, 34 per cent protein, \$52@52.50, Minneapolis; \$54, Milwaukee; \$52, Toledo; \$53, Fredonia, Kansas; \$42, Portland, Oregon. A 32 per cent meal, made from Argentine flaxseed, is quoted at \$47, Buffalo. Better sales of linseed cake for export were made in the last week than for some time. Price firm at \$35, f.a.s., New York City.

Winnipeg.—Demand improved; inquiry moderate; trend firm; outlook better; crushers more hopeful; cake, \$44; meal, in new bags \$48, in seconds \$46.

Buffalo.—Demand fair; trend steady; 34 per cent protein, \$48.50; 32 per cent, \$46.50.

OAT FEED

Toronto.—Demand only fair; trend is steady; offerings rather scarce, as the grain is not plentiful; for this reason, prices are higher than those of other lines of feed. Crushed outs \$40@42, chop \$42, feed \$23, bags included, cash terms, delivered, Ontario points.

POULTRY FEED

Chicago.—Demand has picked up some and outlook is much better; supplies plentiful; trend steady. Scratch feed, \$40@41; laying mash \$50@53, growing \$52@55; coarse chick feed \$46, fine \$48.

SCREENINGS

Minneapolis.—Screenings rather dull. Offerings are light, and it would be virtually impossible to pick up 10 cars of any given variety. The undertone is a little firmer. Buckwheats \$14@15 ton; heavy seeds \$13@14; Canadian refuse \$10@11; medium weight screenings \$7@10; elevator dust \$1@3. Mixed feed outs 28@32c bu.

Winnipeg.—Demand good for standard re-cleaned; trend steady. Refuse, \$10, track or ex-mills; standard re-cleaned \$28, unground, bulk, \$33 sacked, \$35 ground and sacked.

St. Louis.—Demand light. Wheat, \$17@22; ground, from the Northwest, \$16.50@29.



CURRENT FLOUR, FEED AND GRAIN STATISTICS

Bradstreet's Weekly Visible Grain Supply

Following are Bradstreet's returns of stocks of wheat held on March 23, in the United States, Canada and the United Kingdom...

Table showing weekly visible grain supply for wheat, United States, and Canada from March 22 to March 23, 1929.

Table showing United Kingdom port stocks and floating supply (broomhall) for March 22, 1929.

Table showing American and United Kingdom supply for March 22, 1929.

Table showing CORN—United States and Canada supply for March 22, 1929.

Table showing OATS—United States and Canada supply for March 22, 1929.

East of Rocky Mountains. Wheat of Rocky Mountains account excluded.

Combined aggregate wheat visible supplies, as shown by Bradstreet, follow, in bushels:

Table showing combined aggregate wheat visible supplies for United States and Canada from July 1929 to March 1930.

Table showing combined aggregate wheat visible supplies for United States and Canada from July 1929 to March 1930, including a second set of data.

Total American, Canadian and British visible supply for week ending: 1929-1930.

Table showing total American, Canadian and British visible supply for week ending: 1929-1930.

Western Canada—Visible Grain Supply

Visible supply of grain in the western inspection division, March 28, 1930, and receipts and shipments during the past week, in bushels (600's omitted):

Table showing western Canada visible grain supply, including receipts and shipments during the past week.

Table showing western Canada visible grain supply, including receipts and shipments during the past week, with a second set of data.

Table showing TOTAL RECEIPTS for Aug. 1, 1929, to March 28, 1930.

Table showing TOTAL SHIPMENTS for Aug. 1, 1929, to March 28, 1930.

WEEKLY GRAIN AND FLOUR EXPORTS

Exports of grain from the principal ports of the United States to foreign countries, as reported by the Department of Commerce, in bushels in the case of grain and barrels in the case of flour (600's omitted throughout):

Table showing weekly grain and flour exports for United States grain, corn, rye, wheat, and other countries from March 22 to March 23, 1929.

Table showing weekly grain and flour exports for Total United States grains and Canadian grains in transit cleared from U. S. Atlantic ports.

Table showing weekly grain and flour exports for Total Canadian grains.

\*Including Via Pacific ports this week: wheat 24,000 bus. flour 63,900 bbls from San Francisco, barley 62,000 bu. rice 113,000 lb. (includes flour milled in bond from Canadian wheat.)

†Corrected to Feb. 28, 1930, to include all ports. ‡Corrected to Jan. 31, 1930.

MILLEED FUTURES

Closing prices of millfeed futures on the St. Louis Merchants' Exchange, in dollars per ton:

Table showing millfeed futures prices for Standard Bran and Gray Wheat Shorts (Flour Middlings) from March 26 to April 1, 1929.

Table showing millfeed futures prices for Standard Middlings (Brown Shorts) from March 26 to April 1, 1929.

UNITED STATES VISIBLE GRAIN SUPPLY

Visible supply of grain in the United States, as compiled by the secretary of the Chicago Board of Trade, in bushels (600's omitted), of date March 29, and corresponding date of a year ago:

Table showing United States visible grain supply for Wheat, Corn, Oats, Rye, and Barley from 1930 to 1929.

Russell's Flour Production and Movement

Russell's Commercial News estimates United States flour production and movement as follows, in barrels (600's omitted):

Table showing Russell's flour production and movement for 1929-30 and 1928-29.

Millfeed—Receipts and Shipments

Receipts and shipments of millfeed at the principal distributing centers for the week ending March 29, in tons, with comparisons:

Table showing millfeed receipts and shipments for Minneapolis, Kansas City, Baltimore, Milwaukee, and Philadelphia.

Production of peanuts in the United States

Production of peanuts in the United States increased 40 per cent in 1929 compared with the average output 1923-27. Consumption is estimated at 894,400,000 lbs. unshelled basis.

Co-operative societies handle one third of the retail and more than one half of the wholesale trade of Finland. In 1928 it was estimated that such societies had a total membership of 700,000, and numbered 6,648. Co-operatives handle 95 per cent of the dairy butter output.

Flour and Grain—Receipts and Shipments

Receipts and shipments of flour and grain at the principal distributing centers for the week ending March 29, as compiled by the Daily Trade Bulletin, flour given in barrels, grain in bushels (600's omitted throughout):

Table showing flour and grain receipts for Chicago, Detroit, Duluth, Indianapolis, Kansas City, Milwaukee, Minneapolis, Omaha, Peoria, Sioux City, St. Joseph, St. Louis, Toledo, and Wichita.

Table showing flour and grain receipts for Grand totals, Last week, and Last year.

SHIPMENTS

Table showing flour and grain shipments for Chicago, Duluth, Indianapolis, Kansas City, Milwaukee, Minneapolis, Omaha, Peoria, Sioux City, St. Joseph, St. Louis, Toledo, and Wichita.

Table showing flour and grain shipments for Grand totals, Last week, and Last year.

\*Some allowance should be made for exportations. †Includes 879,000 lbs bonded.

United States—Grain Stocks

Commercial stocks of grain in store and afloat at the principal markets of the United States at the close of the week ending March 29, 1930, and March 30, 1929, as reported to the United States Bureau of Agricultural Economics, in bushels (600's omitted):

Table showing United States grain stocks for Wheat, Corn, Oats, and Flaxseed.

Stocks of United States grain in store at Canadian markets on March 29, wheat 660,000 bus; rye, 662,000; corn, 123,000; barley, 936,000; oats, 2,407,000.

Bonded Grain in United States

Bonded grain in the United States at the close of this week, compared with last week and one year ago, in bushels (600's omitted):

Table showing bonded grain in United States for Wheat, Oats, and Rye.

Table showing bonded grain in United States for Grand totals, Last week, and Last year.

Flaxseed—Receipts, Shipments and Stocks

Receipts, shipments and stocks of flaxseed at principal primary points for the week ending March 29, in thousand bushels, with comparisons:

Table showing flaxseed receipts, shipments and stocks for Minneapolis and Duluth.

\*February mill receipts, 2,938 bus.

Russell's Wheat Stocks and Movement

Russell's Commercial News estimates United States wheat stocks and movement as follows, in bushels (600's omitted):

Table showing Russell's wheat stocks and movement for March 15, 1929-30 and 1928-29.



**CORN PRODUCTS**

**Memphis.**—Buyers still not inclined to anticipate needs of corn meal, and few sales made, those having contracts reducing them, and others taking only small lots for immediate shipment; interior demand slow. Cream meal was quoted, March 29, at \$3.95@4.25, basis 2½'s.

**St. Louis.**—Cream meal in cotton sacks was quoted, March 29, at \$2.03 per 100 lbs, and standard meal at \$1.93.

**Evansville.**—Demand active for meal last week, but hominy practically off the market. Prices steady. Cream meal, March 29, \$2.25 per 100 lbs; flake hominy, \$3.40@3.50; pearl, cracked and grits, \$2.45@2.50.

**Indianapolis.**—Demand only fair; prices a shade lower; buying continues from hand to mouth. On March 29 cream meal was quoted at \$2.50@2.55 per 100 lbs.

**Nashville.**—Demand fair for meal; inquiry moderate; trend steady; buyers have been staying close to needs because of unsettled conditions, though situation is getting stronger. Degenerated cream meal, 96-lb bags, on March 29, was quoted at \$2.20.

**Minneapolis.**—On April 1, yellow and white corn meals were quoted at \$1.40@1.50 per 200 lbs.

**Pittsburgh.**—Demand is fair; inquiry moderate. Quotation, March 29, kiln-dried yellow and white meal, \$2.40@2.45 per 100 lbs.

**Philadelphia.**—Firm and again higher, with offerings light and demand moderate. Quotations, March 29, in 100-lb sacks: fancy kiln-dried meal, yellow \$2.56, white \$2.63; pearl hominy and grits, \$2.63.

**Toronto.**—There is no change in white corn flour. The usual small quantity is being sold. Quotation, March 29, \$6.50 @6.80 bbl, in bags, car lots, delivered.

**Baltimore.**—Corn meal, hominy and grits were firmer in instances and fairly salable, despite comparatively steady raw material. Closing prices, March 29: meal, \$2.05@2.10 per 100 lbs; hominy and grits, \$2.35@2.40.

**LOS ANGELES**

There has been little activity in flour during the past week. There seems to be a prevailing tendency to use up flour on contracts, and buyers are very cautious in thinking of new commitments. Flour receipts through the Los Angeles harbor have been lower than they have been for some time. Millfeed markets have strengthened appreciably, values having increased 50¢@1.50 ton. It is reported that many of the mills have sold out their production for the next 30@45 days.

Quotations, car lots, sight draft: Utah-Idaho blended seconds, \$6.25@6.40; long patent blended, \$6.10@6.30; Utah-Idaho strong wheat flours, \$6.20@6.40; Montana short patent \$6.75@7; long patent \$6.60@6.80; northern pastry, \$6.20@6.40; local pastry, \$6@6.30; Washington-Oregon bluestem, \$6.80@7; California bluestem, \$6.50@6.80; local graham, \$6.20@6.30.

F. E. LaShelle, Jr., in charge of commercial feed sales for the Sperry Flour Co., San Francisco, is in Los Angeles.

**INDIANAPOLIS**

Flour buyers were reluctant to take anything beyond that required to fill immediate or near future needs last week. Sales generally were confined to single cars with delivery instructions varying from immediate to 30 days. Large buyers were out of the market, and bakers were not in a purchasing frame of mind. Family trade continues about normal, although orders from jobbers and distributors were for lots indicating that they had little faith in the stability of present prices. Foreign inquiry was quiet, and no sales were reported. Directions on old contracts are reported very slow, and

some difficulty is encountered in getting specifications. Mill operations are reported about normal. The market ruled firm and closed unchanged from last week. Quotations, March 29, f.o.b., Indianapolis, basis 98-lb cottons: soft winter special short patent \$6.75@6.85 bbl, fancy short patent \$6.35@6.55, straight patent \$5.95@6.15, first clear \$5.10@5.40; hard winter short patent \$6.75@6.85, fancy patent \$6.35@6.55, standard patent \$5.95 @6.15, first clear \$5.10@5.40; spring short patent \$6.75@6.95, standard patent \$6.35@6.55, first clear \$5.30@5.80.

Carl Sims, of the Sims Milling Co., Frankfort, Ind., was in Indianapolis last week and called at the office of the Midwest Flour & Feed Co.

**OATMEAL**

**Toronto.**—Compared with the earlier months of the crop year, demand for rolled oats and oatmeal has improved, but still is far from satisfactory. The volume of business is greatly below that of other seasons. Prices are unchanged. Quotations, March 29: rolled oats, \$6.90 per bbl of 180 lbs, in 90-lb jute sacks, mixed cars, less 10¢ bbl for cash; car lots, \$6.60; oatmeal, in 98-lb jutes, 10 per cent over rolled oats.

**Winnipeg.**—Business in rolled oats and oatmeal was a shade better last week, as the result of lower prices, but sales in the aggregate were not very appreciable. Quotations, March 29: rolled oats in 80-lb bags, \$3.20 in Manitoba, \$3.25 in Saskatchewan, \$3.27 in Alberta and \$3.55@3.65 in British Columbia; oatmeal, in 98-lb bags, 25 per cent over rolled oats.

**Philadelphia.**—In moderate request and firmer. Quotation, March 29, \$3.10 per 100-lb sack.

**Minneapolis.**—Rolled oats were quoted on April 1 at \$2.40 per 90 lbs.

**EUROPEAN, SOUTH AMERICAN FEEDSTUFFS PRICES RISE**

European and South American markets have advanced on all types of feedstuffs, according to trade reports, which also state that the condition of these markets is at present quite strong. It appears as if Europe had turned the corner on the acute depression in the feedstuffs trade, although it will take some time to determine whether the present advance will be a lasting one. Prices are still attractive, however, the reports say.

Light gray dried beet pulp in new 100-lb bags is quoted at \$30@35 per ton, ex-dock, Boston, New York, Philadelphia, Norfolk, Baltimore and New Orleans, duty paid. Dark brown molasses beet pulp in 112-lb bags is quoted at \$28. These prices apply to shipments from Europe from March 15 to April 15.

Argentine bran is offered for shipment from April through July at \$25.50, in new 100-lb bags, duty paid, with middlings priced \$1 lower.

Extracted coarse ground soy bean meal, testing 45 per cent protein and fat, is quoted for April shipment from Europe at \$36, with duty, if any, for buyer's account. Medium ground meal is \$36.75, in new 166-lb bags. Peanut cake, 54 per cent protein and fat, is priced at \$31.50.

**SPONSORS OF WHEAT BELT IMPROVEMENT PLAN MEET**

KANSAS CITY, Mo.—About 100 representatives of the agencies sponsoring the five-year wheat belt program met last week in Wichita to outline plans for the ensuing year which is the fifth year of the program. It is the purpose of the five-year program to put the Kansas producer in a position to meet world competition and still realize a profit in wheat growing.

F. D. Farrell, president of the Kansas State Agricultural College, told the group that the program does not necessitate an increase in total wheat production of the state, but a high acre output of high quality grain at lower cost. To reach

that end, the farmer has been enlisted the last four years in the program which includes efficient tillage, better seed, fighting insect and disease pests and more efficient marketing.

The problem before the farmer today was brought out strongly by L. E. Call, dean of the Kansas State Agricultural College, when he pointed out that the world was far from having reached its maximum in producing wheat. He said that with high wheat prices, production in the United States could be nearly doubled, while world output could also be increased greatly. The threats of world competition have recently been brought home to the Kansas farmer through the actions of the wheat market. Against them are being placed the developments in power farming and scientific agriculture.

**GENERAL MILLS DIVIDEND**

MINNEAPOLIS, MINN.—Directors of General Mills, Inc., Minneapolis, announce the declaration of regular quarterly dividend of 75¢ per share upon the common stock of the company, payable May 1, 1930, to all common stockholders of record at close of business April 15.

**FARMERS PLAN TO CUT ONLY DURUM ACREAGE**

All Feed Grains Show Increases Over Last Year's Harvested Acreage—Flaxseed Increased 27.2 Per Cent

WASHINGTON, D. C.—Based upon reports from about 50,000 producers, the Department of Agriculture's figures on the planting intentions of farmers as of March 1 indicate no reduction in acreage of grain except in the durum wheat states. In the durum wheat belt the reports indicate that the acreage planted for 1930 may be but 85 per cent of the acreage harvested in 1929. Other spring wheat acreage, on these reports, may be 100.1 per cent of the acreage harvested last year. Due to the reduction in durum, total of all spring wheat is 96.3 per cent of last year's harvested acreage.

In issuing its figures the department makes the following comment as to their significance:

"This statement of farmers' intentions to plant is not a forecast of the acreage that will actually be planted. It is simply an indication of what farmers had already planted or had in mind to plant at the time they made their reports, compared with the acreage grown by them last year. The acreage actually planted may be larger or smaller than these early intention reports indicate, due to weather conditions, price changes, labor supply, and the effect of the report itself upon producers' action. Therefore the reports of acreage actually planted to be issued in July should not be expected to show the same changes as the intention reports."

On the basis of the reports the corn acreage may be 102.8 per cent of the acreage last year.

Percentages of last year's acreage, as indicated for other crops, are: oats, 102.5 per cent; barley, 101.7; flaxseed, 127.2; grain sorghums, 108.2; soy beans, 118 per cent; tame hay, 99.2 per cent.

Reports from the durum wheat states indicated that farmers in Minnesota intended to plant 80 per cent of last year's durum acreage; in North Dakota, 83 per cent; in South Dakota, 92 per cent, and in Montana 93 per cent.

Planting intentions on other spring wheat would indicate 95 per cent of last year's acreage in Kansas, Nebraska, Minnesota, and Idaho and Pennsylvania; 90 per cent in Iowa and Missouri and Wyoming; 94 per cent in Montana; 102 per cent in the Dakotas.

The figures suggest that the Federal Farm Board's campaign for reduction of acreage of spring wheats may be having an effect in the states where wheat is a major crop. In Ohio, Indiana, Illinois, Michigan, Wisconsin, Colorado, New Mexico, Maine, Vermont and New York, as well as in the Pacific Northwest, the reports indicate intentions of planting as much, if not more, spring wheat this year as was harvested last year. The percentage in Maine is 130 and in Oregon 120 per cent of last year's acreage.

**RYE PRODUCTS**

**Milwaukee.**—Rye prices were lower last week, sales and demand remaining unchanged. Quotations, March 29, basis Milwaukee, in cotton 98's: pure white, \$5.05@5.25 bbl; light, \$4.80@5.05; medium, \$4.55@4.80; pure dark, \$4.05@4.30; meal, \$4.10@4.35.

**Minneapolis.**—Rye flour contracts have been pretty well cleaned up, and current business is of the hand-to-mouth variety. Mills sell a little flour each day, usually in mixed cars, which with shipments to keep warehouse stocks intact, manage to keep plants operating moderately. No activity, and no interest is shown in deferred deliveries. Pure white rye flour \$4.75@4.90 bbl, in 98-lb cottons; pure medium \$4.25@4.40 and pure dark \$3.50 @3.65, f.o.b., Minneapolis. Four northwestern mills last week made 8,945 bbls, compared with 11,218, made by five mills in the previous week.

**Chicago.**—A few sales of one to two cars were made last week. There was a rumor of a round lot sale, but this could not be confirmed. Buyers on the whole showed little interest. Directions were rather slow. The local output totaled 4,580 bbls, against 4,725 the previous week. Mill asking prices, March 29: patent white, \$4.75@5 bbl, jute; medium, \$4.35@4.75; dark, \$4.60@4.90.

**Juluth.**—Regular customers find need for part or an occasional car, which the mill fills, but general interest is lacking. Choice cash rye is scarce and futures swing up and down continuously, unsettling buyers' confidence. Quotations, March 29, f.o.b., mill, in 98-lb cottons: pure white, \$5.10 bbl; No. 2 straight, \$4.60; No. 3 dark, \$3.85; No. 3 blend, \$5; No. 8 rye, \$4.05.

**St. Louis.**—Demand for rye products was fair last week, and with prices slightly lower, a fair business was done. Quotations, March 29, basis cotton 98's, f.o.b., St. Louis: pure white patent, \$3.30 bbl; medium, \$4.80; pure dark, \$4.05; rye meal, \$4.30.

**Indianapolis.**—Demand for rye flour was very poor last week. Quotations, March 29: pure white \$3.25@3.50 bbl, Indianapolis, basis 98-lb cottons; medium, \$4.50@4.85; dark, \$4.25@4.50.

**Rafalo.**—Demand last week centered on dark flour, with little demand for white. Some call for medium. Quotations, March 29: white \$5.10@5.70 bbl, medium \$5@5.40, and dark \$4.25@4.50.

**Baltimore.**—Rye flour was steady, but ignored, last week, the trade apparently having no use for the product even at its present attractive level. Quotations, March 29, in 98-lb cottons: top patent, \$5.25@5.50 bbl; straight, \$4.60@4.85; dark, \$4.25@4.50.

**Philadelphia.**—Demand only moderate, but market firmer and offerings light. Quotations, March 29, in 98-lb cotton sacks: white, \$5.60@5.85 bbl; medium, \$4.75@5; dark, \$4@4.25.

**Pittsburgh.**—Demand slow; trend is downward. Quotations, March 29: pure white \$5@5.50 bbl, medium \$4.25@4.75, dark \$3.75@4.25, cotton 98's, Pittsburgh.

**New York.**—Prices fluctuated last week, and business was moderate, buyers being unwilling to purchase in any quantity. White patent flour, in jutes, March 19, was quoted at \$5.25@5.50 bbl.

**Boston.**—There was a little more business reported last week, but nothing startling. Quotations, car lots, 98-lb cottons: choice white patents, \$5.60@5.70 bbl; standard patents, \$5.35@5.45; medium dark straights, \$4.85@4.95; medium light straights, \$5.15@5.25; pure dark, \$4.70@4.80; rye meal, \$4.40@4.50.

**OHIO GRAIN, MILL AND FEED DEALERS PLAN CONVENTION**

The fifty-second annual meeting of the Ohio Grain, Mill and Feed Dealers' Association will be held at the Commodore Perry Hotel, Toledo, Ohio, June 19-20. W. W. Cummings, secretary of the organization, announces that a large attendance is expected and that a good program is being arranged.



# THE GRAIN MARKET

## Wheat Prices Steady to Firm

**H**INGING its action mainly on weather conditions and crop prospects, the wheat market has been fluctuating over a narrow range, with the trend mostly firm. Quotations are about 1@3c higher than a week ago.

Reflecting the indecision and waiting attitude of the speculating public under present conditions, the volume of operations in wheat futures decreased to the lowest point in many weeks, with extreme dullness evident at times. Breaks invited buying and bulges usually brought selling. Drouth in parts of the Southwest was responsible for much of the strength. On the other hand, the immense stocks of old wheat in the United States and Canada, though undergoing a gradual reduction, remain as the principal bear factor in the market. Notwithstanding evident expansion in the export demand, with Europe taking some grain from the United States and a considerable amount from Canada, North America is certain to have a large carry-over into the new crop year.

The United Kingdom and other importing countries continue complacent in regard to their supplies. Russia, France and the Balkan countries are selling wheat, according to cabled reports. Shipments of wheat from the southern hemisphere are smaller than a year ago, but they have not ceased. The future of prices undoubtedly depends on the extent of European buying and the weather in the wheat belt of the southwestern United States.

### WHEAT

**Chicago.**—Receipts 44 cars, compared with 35 the previous week and 226 a year ago. Outside milling interest quiet, with shipping sales of 43,000 bus. Local mills only sparing takers. Landings from both public and private stores were heavier. Trading basis showed fair improvement at end of week, with premiums widened 1@2c and discounts narrowed a like amount. Quotations, basis of the May future, March 29: red winter, No. 1 1@2c over, No. 2 May to 1c over, No. 3 4@2c under; hard winter, No. 1 3@2c under, No. 2 4@3c under, No. 3 7@5c under; northern spring, No. 1 4@3c under, No. 2 5@4c under; dark northern, No. 1 3@2c under.

**Minneapolis.**—Cash premiums steady and unchanged. A portion of each day's arrivals applied against purchases to arrive; offerings for sale very moderate. Little competition for offerings; market is slow. Mill buyers shop around and pick up whatever heavy-weight, high protein wheat they can get at the market. Average trading basis for 15 per cent protein 5@7c bu over May; 14 per cent 4@6c over; 13 per cent 2@4c over; 12 per cent May price to 2c over, and 11 per cent 2c under to May price. No. 1 amber closed on April 1 at 90½c@ \$1.00½, and No. 1 durum 89½@92½c.

**Winnipeg.**—A moderate export business was done in cash wheat last week, with low grades going out from Vancouver and high grade wheat from the Atlantic ports. Offerings were light, with holders' ideas of values generally higher than the prevailing spreads. It is understood that the wheat pool has booked most of the April parcel space at Vancouver and a good portion of the May space, and a quite heavy movement is looked for next month. There are orders on hand now to ship about 4,500,000 bus from the Pacific port in the next five weeks, and reports indicate a good movement via Montreal as soon as navigation is resumed. The recent cold spell has stopped the flow of ice on the lakes and rivers, but it is believed that shipping will be in progress by mid-April. No. 1 northern was quoted, March 29, at \$1.08½ bu, basis in store Fort William or Port Arthur.

**Toledo.**—Basis of bidding remains unchanged at ½c under Chicago May. The bid for No. 2 red, March 28, at 28½c rate points to New York, was \$1.09½ bu. Grain business is quiet, and milling demand light. Almost no inquiry from outside.

**Duluth.**—Local cash market was dull last week, with receipts and offerings relatively lighter than in previous weeks. Mills and elevators were the main supporters of spring wheat, the federal farm agencies being temporarily out of the market. Futures were a little firmer, May closing, March 29, at \$1.08½ bu; No. 1 hard and No. 1 dark northern, \$1.08½@1.13½; No. 1 northern, \$1.06½@1.12½; No. 1 dark hard Montana, \$1.04½@1.05½. Durum was firmer than spring, May closing net 1½c up, at 97c.

Government buyers were interested until near the close, when they dropped out, causing an easier tone. Mills bought at unchanged basis, up to the pulling out of the farm board agencies, when they were disposed to reduce bids. Close, March 29: No. 1 amber, 96c@\$.01; No. 1 durum, 95@96c; No. 2 mixed, 89@97c; No. 2 red, 91c.

**Kansas City.**—Limited offerings were a disadvantage to the local car-lot market nearly all last week. As a consequence, prices firmed considerably, but demand has persisted. Inquiry was slightly broader, but in general sales were to the same group that has been in the market for some time. Shippers took limited quantities of strong protein wheat. Quotations, March 29: dark hard winter wheat, No. 1 \$1.02@1.09 bu, No. 2 \$1.01@1.08, No. 3 \$1@1.07, No. 4 98c @ \$1.05; hard, No. 1 \$1.01@1.08, No. 2 \$1@1.07, No. 3 99c@\$.06, No. 4 97c @ \$1.04.

**St. Louis.**—The soft wheat market ranged higher last week. There were more cars of No. 2 red offered, but market still was lightly supplied, and for three consecutive days a complete clearance was effected. There was a good local demand, with scattered orders in the market, and requirements of buyers were not entirely satisfied. Hard wheat prices also higher, but demand slow. Limited outlet for low protein blending types, but general demand for hard winter types very quiet. Cash prices, March 29: No. 2 red \$1.20@1.21 bu, No. 3 red \$1.19; No. 2 hard \$1.07@1.08, No. 3 hard \$1.06½@1.07.

**Nashville.**—Demand more active than usual for this season; inquiry moderate, mills having been purchasing on breaks when lots could be picked up at satisfactory prices; trend stronger; several cents higher. No. 2 red, with billing, on March 29 was quoted at \$1.28@1.31 bu.

**Portland.**—The wheat market drifted along idly last week, with no export business announced. Buying from farmers was light. Cash wheat prices closed: Big Bend bluestem, \$1.20 bu; soft white and western white, \$1.09; hard winter, northern spring and western red, \$1.07.

**Seattle.**—Cash wheat was lifeless last week. Exports are out of the question, and dullness in flour demand has largely put a stop to mill buying. Quotations, No. 1, sacked, coast, 30 days' delivery, March 28: soft and western white, \$1.12 bu; hard winter and northern spring, \$1.11; western red, \$1.10; Big Bend bluestem, \$1.22.

**San Francisco.**—Prices steady, with mill demand still dull and feed demand restricted to bare requirements, cheap burley proving more attractive to feed millers. Quotations, 100 lbs, sacked, San Francisco: feed, \$1.95@2; No. 2 hard white and No. 2 soft white, \$2@2.05.

**Ogden.**—Clearing of country elevators in Utah and southern Idaho continued, with wheat moving into Ogden elevator storage, though few sales by farmers were reported. Receipts averaged 10

carloads daily. Cash wheat prices advanced 3c last week on all grades. Quotations, March 28: No. 2 soft white 90c @ \$1.06 bu, No. 2 northern spring 90c @ \$1.06, No. 2 dark hard 87@97c, No. 2 hard winter 87@97c, milling in transit billing, freight paid to Ogden.

**Minneapolis.**—Prices closed 2c higher. Receipts were 7 cars, against 12 in the previous week and 12 a year ago. Demand good. Quotations: No. 1 mixed \$1.08@1.13 bu, No. 2 \$1.01@1.09, No. 3 \$1.01@1.04; No. 1 red winter \$1.17 @1.18, No. 2 \$1.13@1.16, No. 3 \$1.08@1.11; durum, No. 1 97c@\$.02, No. 2 96@99c, No. 3 91@91c; northern No. 1 \$1.08@1.12, No. 2 \$1.05@1.11, No. 3 \$1 @1.04.

**Indianapolis.**—Demand good; market firm and 1c higher; inquiry good; more arrivals would be welcomed. No. 3 red winter on March 29 was quoted at \$1.07 bu on 37½c rate to New York, and 16c rate to Ohio River points.

**Buffalo.**—There were a few more cars by rail, with mixers taking those at bids.

**Baltimore.**—Cash wheat was 3c higher last week, closing around top. Export demand small. Stocks decreased 216,498 bus, leaving local elevator capacity nearly half empty. Closing prices, March 29: spot No. 2 red winter for export, \$1.09 bu; spot No. 2 red winter, garlicky, domestic, \$1.10; March, \$1.10. Range for week of No. 2 red winter for export, \$1.04½@1.09; range of contract grade, \$1.05½@1.10. Southern mills were still absorbing local wheat. Exports were 63,926 bus, all Canadian. Canadian receipts, \$1,227 bus. Stocks, 6,620,213, including 3,826,017 Canadian.

**Philadelphia.**—Firm and 1½c higher, influenced by unfavorable crop reports. Trade, however, was quiet. March 29, No. 2 red winter 1½c under Chicago May.

**New York.**—The price movement was small last week, with a firm undercurrent. Crop news was bearish, and export business moderate. Cash grain quotations, March 28: No. 2 red, c.i.f., domestic, \$1.25½ bu; No. 1 northern spring, c.i.f., domestic, \$1.27; No. 2 hard winter, c.a.h., export, \$1.10½; No. 2 northern Manitoba (in bond), f.o.b., export, \$1.17½.

**Toronto.**—Ontario wheat is becoming scarce on the market. Probably many farmers have wheat they could deliver at a price, but so long as they can get 50 per cent more by feeding it they are

not likely to sell it as wheat. Quotations, March 29: No. 2 red or white c.i.f. winters \$1@1.05 bu, wagon lots at terminals; car lots, track, \$1.12@1.15, western spring wheat has declined 2½c. Quotations, March 29: No. 1 northern, \$1.13 bu, c.i.f., Bay ports; No. 2, \$1.10½.

### CORN

**Nashville.**—Demand considerably below one year ago; inquiry quiet; trend firm. March 29, No. 2 white was quoted at 95½@96½c bu; No. 2 yellow, 95@96c.

**Kansas City.**—There was a broader class of buying toward the close of last week, and demand was good. Shippers took the largest per cent of the increased offerings. Bids for higher moisture cars were unsatisfactory as a whole. Quotations, March 29: white corn, No. 2 78½@79½c bu, No. 3 77@78½c, No. 4 75@76½c; yellow, No. 2 78½@80c, No. 3 77@78c, No. 4 75@76½c; mixed, No. 2 76½@77c, No. 3 74½@75½c, No. 4 74@74c.

**St. Louis.**—Offerings were light last week, with prices unchanged to slightly higher. Demand was decidedly slack, and a complete clearance was not effected. A fair call, however, for yellow corn for milling purposes was noted. Cash prices, March 29: No. 3 corn 81c bu, No. 4 79c; No. 3 yellow 82½c, No. 4 yellow 79@81c, No. 5 yellow 79½c; No. 3 white, 83c.

**Evansville.**—Demand was brisk last week, but supplies of both white and yellow were received in sufficient quantities from local sources to supply the trade. Prices somewhat higher, March 29, at 57c bu.

**Minneapolis.**—Receipts light; consignees have no difficulty selling arrivals that are dry and of good color. Of grades slow. No. 3 yellow 10@1c bu under Chicago May; No. 4 yellow 10@9c under; No. 5 yellow 17@13c under; and No. 6 yellow 20@18c under.

**Minneapolis.**—Demand from shippers and industry was good last week. Receipts 153 cars, against 100 the previous week and 196 a year ago. Quotations, March 29: No. 4 yellow, 77½@79c bu; No. 4 white, 78½@80½c; No. 4 mixed, 76½@78½c.

**Chicago.**—Receipts 786 cars, compared with 463 the previous week and 654 in 1929. Marked decline in shipping demand and big increase in "to arrive" bookings, both from country and from

## Grain Futures—Closing Prices

Closing prices of grain futures at leading option markets, in cents per bushel

WHEAT				CORN (CONTINUED)			
Chicago		Minneapolis		Chicago		Kansas City	
March	May	May	July	March	May	May	July
26.....	105½	108½	106½	106½	83½	79½	81½
27.....	105½	108½	106½	105½	81½	80½	82½
28.....	107½	110	107½	107½	81½	79½	81½
29.....	108½	110½	108½	108½	81½	80½	82½
31.....	106½	109½	107½	107½	85½	87½	
April	May	July					
1.....	111½	110	109	109½			
Kansas City		St. Louis		Chicago		Minneapolis	
March	May	May	July	March	May	May	July
26.....	99½	98½	106½	103½	42½	44	38½
27.....	99½	98½	105½	103	42½	43½	39½
28.....	101	100	107½	104½	42½	42½	40½
29.....	101½	101½	108½	106½	43	43½	40½
31.....	100½	99½	107½	104½	43½	44	40½
April	May	July			44½	44½	40½
1.....	102½	102½					
Seattle		Portland		Chicago		Minneapolis	
March	May	May	July	March	May	May	July
25.....	109½	107	110	108½	60½	62	64½
26.....	110	107½	109½	108½	60½	62½	64½
27.....	110	107½	109½	108½	60½	63½	65½
28.....	111	108½	110	108½	60½	64½	66½
29.....	111½	109	110½	109½	60½	64½	66½
31.....	110	107½	109½	108½	60½	63½	65½
April	May	July			65½	71	68½
1.....	110½	112	96½	97½			
Winnipeg		Duluth durum		Flaxseed		Duluth	
March	May	May	July	March	May	May	July
26.....	108½	110½	95½	95½	293½	292½	280½
27.....	107½	109½	84½	94½	294	294	291½
28.....	109½	111½	97	98½	294	294	292½
29.....	110½	112½	97	98½	294	294	292½
31.....	108	110	94½	96½	292	292	290
April	May	July			293	291½	289½
1.....	110½	112	96½	97½			
Liverpool		Buenos Aires		Barley		Minneapolis	
March	May	May	July	March	May	May	July
26.....	108	110	101½	103½	53½	54½	47½
27.....	110	111½	101½	102½	53½	54½	47½
28.....	109½	112½	102½	103½	53½	54½	47½
29.....	115½	117½	103½	104½	53½	54½	47½
31.....	113½	115½			53½	54½	47½
April	May	July					
1.....	112½	113½					
Chicago		Kansas City		Winnipeg		Duluth	
March	May	May	July	March	May	May	July
26.....		81½	80½	82½	53½	56	49



outside markets. March deliveries were light, only 8,000 bus. White corn in better relative demand at close of week than the mixed or yellow. Quotations, March 29: mixed, No. 4 78@79c bu, No. 5 77c; yellow, No. 2 84 1/4c, No. 3 81 1/2@82 1/4c, No. 4 79@80 1/2c, No. 5 77@78 1/2c; white, No. 4 83c, No. 5 82c.

**Indianapolis.**—Demand for top grades is very good; market steady to 1/2c higher. Quotations, March 29: No. 3 yellow, 76 1/2c bu; No. 4 white 77c, No. 5 white 74c; off grades sold on their merits.

**Baltimore.**—Corn showed little change from the previous week. Arrivals were 22,036 bus, including 5,189 southern and 1,830 for export. Sales were 1,108 bus southern No. 2 mixed at 83c. Closing prices, March 29: domestic No. 2 yellow, track, 91@95c bu; No. 3, 92@93c, or 1c down from former rates. Cob corn, under light offerings, is still wanted at \$4.65@4.75 bbl for prime yellow on spot.

**Buffalo.**—Receipts of good dry corn were light last week, with more of the No. 3 grade in good demand by millers. Quotation, March 29, No. 3 yellow 97 1/4c, Philadelphia.

**Pittsburgh.**—Demand improved; inquiry active; trend upward; offerings moderate; prices higher. Quotations, March 29: No. 2 yellow, shelled, 94 1/2@95 1/2c bu.

**San Francisco.**—Demand good for No. 3 yellow and nominal for other grades. Offerings very light. Quotations, 100 lbs, bulk, California points, 10-day shipment: eastern No. 2 yellow \$1.82, No. 3 \$1.76; No. 2 white \$1.84, No. 3 \$1.80; No. 2 mixed, \$1.74; No. 2 Kafir, \$1.70; No. 2 milo, \$1.85; No. 2 California milo, \$1.85, sacked; No. 2 Egyptian corn, \$2.05, sacked.

**Toronto.**—Offerings are plentiful, but demand slow. Prices remained fairly steady throughout the week. Quotations, March 29: No. 3 American corn 93 1/2c bu, delivered, Toronto; Argentine 89c, track, Bay ports.

**Boston.**—Demand was fair last week, with supplies just about sufficient. Quotations: all-rail, No. 2 yellow \$1.01@1.02 bu, No. 3 98@99c; lake-and-rail, subject to navigation, No. 2 yellow \$1@1.01, No. 3 98@99c.

**OATS**

**Duluth.**—Hardly any receipts, as there is practically no market for them here. Trading confined to an occasional car. No. 3 white on track closed March 29 at 39 1/2c bu, a net gain on the week of 3/4c.

**Winnipeg.**—Fair quantities of low grade oats were sold for feeding purposes to eastern Canadian buyers last week, but business was restricted by light offerings. No. 2 Canadian western were quoted, March 29, at 56 1/2c bu, basis in store Fort William or Port Arthur.

**Toronto.**—Dealers report a fair amount of business. The grain is none too plentiful, and prices held steady last week. Quotations, March 29: No. 1 western feed oats 53c bu, No. 2 51c, c.i.f., Bay ports; Ontario oats, nominal, 50c, point of shipment.

**Chicago.**—Receipts 213 cars, compared with 158 the previous week and 134 a year ago. Shipping demand held up comparatively well. March deliveries, 61-

000 bus. Quotations, March 29: white, No. 2 44 1/4@45c bu, No. 3 42 1/4@43 1/2c.

**Milwaukee.**—Prices closed 1/2@1c higher. Receipts 28 cars, against 18 the previous week and 33 a year ago. March 29, No. 3 white were quoted at 43@44c bu.

**Evansville.**—Demand limited; supplies light but ample. Prices steady, March 29, at 60c bu.

**Indianapolis.**—Market steady, with fair demand; receipts heavy; call for seed lighter. No. 2 white, March 29, 42 1/2@43 1/2c bu; No. 3 white, 40@41c.

**Philadelphia.**—Fluctuated within narrow limits, but showed little net change for week. Demand only moderate. Quotation, March 29, No. 2 white, 10 1/4c over Chicago May.

**Baltimore.**—Slightly firmer as a result of waning stocks and offerings. Closing prices, March 29: spot No. 2 white, domestic, 51 1/2@55 1/2c bu, nominal; spot No. 3 white, domestic, 53@54c, nominal.

**Nashville.**—Demand moderate, following some activity in movement of seed oats; inquiry quiet; trend narrow and steady. No. 2 white, March 29, 51@52c bu.

**Buffalo.**—Good demand for No. 2 white, with only fair sale of No. 3 and No. 4, and those grades carried over.

**Pittsburgh.**—Demand brisk; inquiry active; trend firmer. Quotation, March 29, No. 2 white, 51 1/2@52c bu.

**San Francisco.**—Demand confined to feed grades, with trading light. Prices steady. Quotations, 100 lbs, sacked, San Francisco: red feed, \$1.65; red seed, \$1.75@1.80.

**Boston.**—There was a rather limited demand last week, with supplies quite adequate. Quotations: all-rail, fancy 40 @42-lb 59@62c bu, regular 38@40-lb 55@56c, regular 36@38-lb 54@55c, regular 34@36-lb 52@53c; lake-and-rail, subject to navigation, regular 36@38-lb 52 @53c.

**BARLEY**

**Duluth.**—Buyers lined up prices with other markets, advancing the entire list 2c. Trading was near a standstill, due mainly to the scarcity of offerings. Buyers were ready to absorb stuff if available. Closing price range, March 29, 49 @56c bu.

**Winnipeg.**—Apart from a little trading in low grade barley sold for feeding purposes, the market last week was dull and featureless. No. 3 Canadian western was quoted, March 29, at 47 1/2c bu, basis in store Fort William or Port Arthur.

**Milwaukee.**—Prices closed 1@2c higher. Receipts were 96 cars, against 75 the previous week and 110 a year ago. Quotations, March 29: malting, 60@68c bu; feed, 55@60c.

**Toronto.**—Bookings of barley are becoming less heavy, although a fair business still exists. Quotations, March 29: No. 3 55c bu, No. 4 49 1/4c, c.i.f., Bay ports, according to grades.

**San Francisco.**—Trifle firmer tone, with country offerings very light and terminal trading nominal. Estimated that about 10 per cent of last year's crop still is in farmers' hands. Quotations, 100 lbs,

sacked, San Francisco: feed, \$1.25; choice feed, \$1.27 1/2; grading, \$1.30; shipping, \$1.40; choice malting, \$1.50@1.60.

**Buffalo.**—Fair demand for the few cars arriving, with sales made at prices in line with the West.

**Chicago.**—Receipts 40 cars, compared with 59 the previous week and 60 a year ago. General firmness in feed grains and feed caused a good demand for the light run. Quotations, March 29: actual sales, 55@59c bu; quotable range, feeding and malting, 55@65c.

**RYE**

**Chicago.**—Only one car received, compared with none the previous week and 32 a year ago. Shipping sales of 6,000 bus, and March deliveries totaled 25,000. No. 2, March 29, was quoted at 1@1 1/2c over May.

**Duluth.**—Futures generally firmer, with May closing March 29 1 1/4c up on the week at 65 1/4c bu. Early market was weak and lower, working higher on the stronger action of wheat. Choice milling grades cash rye scarce and in fair demand.

**Winnipeg.**—Export business last week was flat, and the only trading done was in the nature of spreading in the futures market. No. 2 Canadian western was quoted, March 29, at 62 1/2c bu, basis in store Fort William or Port Arthur.

**Buffalo.**—One or two cars arrived for which there was only fair demand, with sales made at bids.

**Milwaukee.**—Prices closed unchanged. No receipts, none the previous week, and 10 cars a year ago. No. 2 on March 29 ranged 2@3c over May, and closed at 66 1/2@67 1/2c.

**FLAXSEED**

**Duluth.**—The futures market, though comparatively quiet, continues two-sided, and last week ruled according to the character of influence brought to bear on it. Early selling weakened the undertone and sent prices downward to the extent of 1/2c, but subsequent strength followed that scored near recovery of the loss. May closed, March 29, at \$2.92 1/2 bu, just a net 1c under March 22. Receipts were hardly enough to meet the light demand. Crushers were in the market for any choice offerings, while elevators watched out for heavy dockage cars, all of which were exceptionally scant.

**Winnipeg.**—Crushers showed a little interest last week, but the bulk of the trading was of a speculative nature and price fluctuations were quite erratic. No. 1 northwestern was quoted, March 29, at \$2.49 1/2 bu, basis in store Fort William or Port Arthur.

**GEORGE A. STUART CHOSEN SECRETARY OF MILL GROUP**

George A. Stuart, of the Pennsylvania department of markets, Harrisburg, has been elected secretary of the Pennsylvania Millers' State Association to fill the vacancy caused by the death of Colonel B. F. Isenberg, who had held that position for many years.

**LOSS IN RYE POOL CALLED GREATEST IN MANY YEARS**

With a loss estimated between \$15,000,000 and \$17,000,000, the eastern millionaires who attempted to corner the rye market are reported to have closed their pool, with the end of the May option. Operations began last July, when the pool began buying the December option, with the alleged intention of acquiring 15,000,000 bus, a third of the average crop. It was planned to sell out at about \$1.50.

The price was run to \$1.13 but a crash in the stock market was followed by a drop in wheat and other commodities, and rye followed. Traders in Chicago sold December short and had the rye ready to deliver, compelling the syndicate to take from 8,000,000 to 10,000,000 bus at prices bid in the summer and fall. Further declines followed and the pool finally was forced to liquidate, depressing the market further.

One of the prominent figures in the pool is said to be S. O. Metcalf, publisher, textile manufacturer, and banker, and another is thought to be Nicholas Brown, once known as the world's richest baby.

**GENERAL BAKING CO. SELLS DEBENTURES FOR EXPANSION**

New York, N. Y.—The General Baking Co., the operating subsidiary of the General Baking Corporation, has sold \$7,000,000 of 10-year 5 1/2 per cent debentures to the Marine Trust Co., of Buffalo, and White, Weld & Co., of New York. The funds will be used to partially fund expenditures of \$16,000,000 made during the past four years for expansion, new construction and modernization carried out in most of the company's 50 plants and to provide additional working capital, according to announcement by Frederick H. Frazier, chairman of the board of the corporation. B. A. Tompkins, president of the Bankers Company of New York, Raymond V. V. Miller, of White, Weld & Co., and C. H. Diefendorf, vice president of the Marine Trust Co., Buffalo, have been elected as new directors to the board of directors of the corporation.

**BUCKWHEAT**

**Toronto.**—A small quantity of buckwheat is still finding its way to market. The price (March 29) is unchanged, viz., 83@87c bu, shipping points, for good quality.

Imports of canned tomatoes into the United States during the first 11 months of 1929 were 88,441,224, an increase of 111 per cent over those of the same period in 1928. Canned tomato paste imports were \$1,402,764.

**Special Notices**

The rate for advertisements in this department is five cents per word, minimum charge, \$1.  
For the benefit of those out of a position, advertisements of situations wanted will be accepted at one half the above rate, 2 1/2 cents per word; minimum charge, 50 cents.  
"Display" advertisements will not be inserted at these rates, but will be charged for at \$4 per column inch.  
Only advertisements entitled to Special Notice classification will be accepted for publication herein.

Advertisements under this heading are transient and the advertiser's responsibility is not necessarily vouchered for by The Northwestern Miller.

Copy for advertisements in this department must reach us by Friday to appear in the issue of the following Wednesday. Cash should accompany all orders.

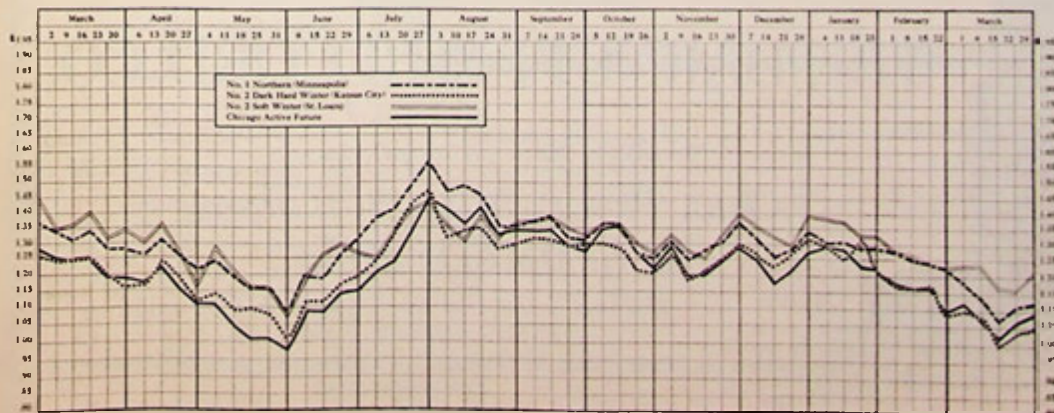
**SITUATIONS WANTED**

**WANTED POSITION AS FLOUR AND feed salesman, covering New York state territory, have had several years' sales experience. Address 2216, care Northwestern Miller, Minneapolis.**

**MARRIED MAN WITH 17 YEARS' MILLING experience wants to form connection with southwestern mill; has extensive sales experience and successful sales record; has also expert knowledge of freight rates and milling in transit; at present employed and can furnish excellent references; wants connection as sales manager or assistant. Address 2218, No. 535, care Northwestern Miller, 614 Board of Trade, Kansas City, Mo.**

(Continued on following page.)

**Movement of Wheat Prices**





## SITUATIONS WANTED—(CONTINUED)

**SALESMAN, 10 YEARS' EXPERIENCE** selling grocery, bakery and mill trade in central Pennsylvania, Cumberland West and Georges Creek. Address 2219, care Northwestern Miller, Minneapolis.

**POSITION WANTED—PREFERABLY IN** sales work, by man just under 40, 12 years' sales experience; managing the business of 100-bbl mill past two years, but want connection with broader opportunity. Address 2214, care Northwestern Miller, Minneapolis.

**FLOUR SALESMAN, HAVING TRAVELED** Carolinas past 10 years selling bakery and jobbing trade, would like connection with western mill interested in selling bakery and family trade who would figure close for volume; A-1 reference furnished. Address 2222, care Northwestern Miller, Minneapolis.

**SUPERINTENDENT—LIFE-TIME PRACTICAL** experience, hard and soft wheat mills, 300 to 5,000 bbls; capable making improvements where needed and producing high quality products; excellent experience. Address 2209, care Northwestern Miller, 614 Board of Trade Building, Kansas City, Mo.

## BUSINESS OPPORTUNITIES

**FOR SALE—LARGE WHOLESALE FLOUR** business in one of big eastern markets; well established. Address 2223, care Northwestern Miller, Minneapolis.

## MILLS FOR SALE AND TO LEASE

**FOR IMMEDIATE SALE—300-DBL MILL,** all electric, latest in modern equipment; running steadily, in excellent condition; railroad siding, located in splendid transit territory in central New York state; elevator, warehouse, custom feed grinding and mixing, adjoining mill; man obtaining this mill will be making an excellent buy; write for further information; full details, reasons for wishing to sell immediately, etc., will be gladly given. Address 2224, care Northwestern Miller, Minneapolis.

## MILLS WANTED

**WANTED — HAMMER MILLS, 9x30-IN,** and larger roller mills, automatic scales, feed and flour mixers, grinders, attrition mills, 8x32-in. rolls, feeders, blenders. Give price and full description. Address 2044, care Northwestern Miller, Minneapolis.

## MILL MACHINERY FOR SALE

**FOR SALE—UNION SPECIAL, TYPE L,** motor-driven bag-closing machine; 1 Nordyke & Marmon self-balancing sifter 6-17; 7 Allis centrifugal reels, 32x8; 53 new Gauntt feeders, size 12-5, type 4-F. Address Standard Mill Supply Co., 1307 Waldheim Bldg., Kansas City, Mo.

**ANALYSES**  
Flours, Foods, Oils, Waters  
**The Columbus Laboratories**  
31 North State Street - CHICAGO

**"DIAMOND D"**  
A High Grade Baker's Spring Patent  
Milled Under Laboratory Control  
from Montana Spring Wheat  
**Sheridan Flouring Mills, Inc.,**  
SHERIDAN, WYOMING



New...Fast  
Late-Hour  
Train to  
Milwaukee  
and Chicago

Ly: Minneapolis... 10<sup>30</sup> PM

Ly: Saint Paul... 11<sup>15</sup> PM

Ar: Milwaukee... 7<sup>50</sup> AM

Ar: Chicago... 9<sup>45</sup> AM

Roller-bearings... modern  
sleeping cars... new-type observation car... radio. Sleepers for Madison, Janesville and Beloit.

The Victory joins that fine family of trains including the Viking, leaving Minneapolis 8:05 A. M., St. Paul 8:45 A. M.—North American, leaving Minneapolis 6:30 P. M., St. Paul 7:05 P. M.—North Western Limited, *finest train in the world*, leaving Minneapolis 8:00 P. M., St. Paul 8:40 P. M.

**Faster Time**  
**Chicago to Twin Cities**

The Victory leaves Chicago 10:15 P. M., arrives St. Paul 8:05 A. M., Minneapolis 8:40 A. M.—1 hour, 10 minutes faster!

**New Late-Night Departure from Chicago**

North American now leaves Chicago at 11:20 P. M., arrives St. Paul 9:50 A. M., Minneapolis 10:25 A. M.

## CITY TICKET OFFICES

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Fifth at Minnesota  
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148 So. Clark St.  
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**LEADING MILLS OF MONTANA AND WYOMING**

**Milled Where Grown**

MONTANA high protein hard wheat is milled in many states—its presence in any milling wheat mix has become a sales argument of great value.

**Sapphire-Judith**  
*and*  
**Gold Cross**

flours are milled entirely from this super wheat in the State where such wheat grows—not a blended product, not a terminal wheat mix, but the simon pure article, a fact worth remembering.

**Montana Flour Mills Company**

Mills at GREAT FALLS, HARLOWTON, BOZEMAN

Head Office: GREAT FALLS, MONTANA

**CASCADE MILLING AND ELEVATOR CO.**

Shippers of Wheat "CASCADE" Cascade, Montana  
Daily Capacity, 600 Barrels High-Grade Montana Flour Storage Capacity, 600,000 Bushels

Gallatin Valley Milling Co.  
MONTANA  
Flours and Grain  
D. R. FISHER, Mgr. BELGRADE, MONT.

Judith Milling Company  
General Offices: LEWISTOWN, MONTANA  
Millers of Hard Spring Wheat Flour  
Made from the famous JUDITH BASIN WHEAT  
Daily Capacity 1250 Barrels



DESIGNED AND BUILT BY  
**THE BARNETT & RECORD CO.**

PIONEERS IN DESIGN AND CONSTRUCTION OF

**FIRE PROOF MILL BUILDINGS**  
*and GRAIN ELEVATORS*

OFFICES

FLOUR EXCHANGE, MINNEAPOLIS, MINNESOTA

LYCEUM BLDG., DULUTH, MINNESOTA



LEADING MILLS OF OHIO

# SPRING WHEAT FLOUR

In buying flour it is important to consider not only the reputation of the mill and its flour, but also the advantages which may accrue to its location as a shipping point.

We are giving particular attention to the milling of strong Spring Wheat Flour as a result of the exceptionally favorable location of our mill.

We have all the advantages of either ex-lake or milling-in-transit rates.

Another advantage is our nearness to the important consuming markets, and consequent efficient service to both the baking and jobbing trades.

**The Mennel Milling Co.** TOLEDO, OHIO

*Bakers—*

When comparing Spring Wheat Flour use

**“BULL DOG”**

for your standard

Made by  
The Fairchild Milling Company  
CLEVELAND, OHIO

**The Ansted & Burk Co.**

MILLERS SINCE 1846,  
BUT UP TO THE MINUTE IN IDEAS  
SPRINGFIELD, OHIO

*William Tell's*

Master Bread Flour  
Master Pie Crust Flour  
Master Cake Flour

Each specially milled for its purpose

**The Williams Bros. Co.**

Merchant Millers KENT, OHIO, U. S. A.  
Specialists Ohio Winter Wheat Flour  
All our wheat is grown on "Western Reserve" and bought from the growers at elevators we own and operate.

**The Toledo Grain & Milling Co.**

TOLEDO, OHIO  
MIXED CARS  
SOFT WINTER WHEAT FLOUR  
Red Ball Patent Old Homestead

**THE WARWICK CO.**

Makers and Shippers of Flour from Choice Winter Wheat  
MASSILLON, OHIO  
Write for samples and prices

**Hardesty Milling Co.**

Quality Millers for Over Half a Century  
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**MELLOW CREAM CAKE FLOUR**

Made from SELECTED PURE SOFT WHEATS  
NORTHWESTERN ELEVATOR & MILL COMPANY  
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THE savage chieftain of the Sierra Leone district on the coast of Africa buys his dusky bride with the most precious substance known to his primitive tribe—life-giving salt.

The milling industry too sets a high value on salt, since it is indispensable in its work. It esteems Worcester Salt above all others because it can be depended upon for purity, quick solubility and absolute uniformity of flavor.

*It takes the Best to make the*

**WORCESTER SALT**

WORCESTER SALT COMPANY  
71-73 Murray Street, New York, N. Y.

REFINERIES  
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OFFICES  
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**Ohio Soft Wheat Flour**

OF HIGHEST QUALITY

THE ALLEN & WHEELER CO.  
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**Gwinn Milling Co.**

Millers of soft, hard winter, and spring wheat flours

Self-rising flour

Mixed cars of flour, feed and corn goods

Columbus, Ohio



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ENERGY Horse Feed Mixed Cars  
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For fine texture,  
featheriness, flavor  
and keeping quality—



**Fenkel's**  
EXTRA FANCY  
CAKE FLOURS  
"MADE GOOD" since 1855

**COMMERCIAL MILLING CO.** DETROIT CLEVELAND  
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**Watson-Higgins Milling Co.**  
Fancy Soft Wheat Flour  
"NEW PERFECTION" Flour "FIRST PRIZE" Self-Rising Flour  
GRAND RAPIDS, MICH.

**RIEGEL'S WAXED GLASSINE**  
*Quick* Brand  
MADE BY THE WARREN MFG. CO.  
NEW YORK CHICAGO

**LEADING INSURANCE COMPANIES**

**LIGHTNING DESTROYS**  
Thousands of Dollars Worth of  
Property Annually  
*Buildings Properly Protected Are Safe*

Ask Your Mill Mutual Insurance Office for Details of Construction and Insurance Savings, or Address the

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MANUFACTURERS OF

*Hard Wheat Flours*  
MARK TWAIN  
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*Soft Wheat Flours*  
CRESCENT  
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GILT EDGE SELF RISING

**Quality Michigan Flour**  
*Plain and Self-Rising*

Made exclusively from Michigan wheat—we grind nothing else. Open for Connections  
CHELSEA MILLING CO. - CHELSEA, MICH.

**THE A. H. RANDALL MILL CO.**  
Millers of Michigan Quality  
SOFT WHEAT FLOUR  
New up-to-date mill just completed.  
Open for a few additional connections.  
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milling of flour upon a stupendous scale—utilizing water power, steam and electricity—called for work of special machinery and with this came new problems to solve—dust explosions became a menace to life and property—and to overcome this danger

**The Perfection Dust Collector**

was designed and quickly adopted by the milling industry for its ability to absorb and keep the mill free from dust. As for taking away the dust collected that can be accomplished while the machine keeps on collecting. . . . The Perfection proved its worth in the beginning and still holds the lead.

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*Special Grain Cleaning and Dust Collecting Machinery*  
MILWAUKEE, WISCONSIN

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*Export Flour Insured ALL RISKS by*  
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U. S. Branch Assets	\$2,922,372
Capital Deposited in U. S.	200,000
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ORIGINATORS OF ALL RISKS  
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Policies of this Company are held by all leading millers

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**NORTHEAST FLOUR**  
A Spring Wheat Patent for Discriminating Bakers  
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Special Qualities and Packages for  
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**F. & R.'s GENUINE GLUTEN FLOUR**

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Spring, Winter and Rye

Mixed Cakes  
Quick Delivery **CALEDONIA, N. Y.**

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*High Quality Flour*  
Dependable Service  
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**BUFFALO FLOUR MILLS CORPORATION** BUFFALO, N. Y.  
1,000 Barrels Capacity

"BUFFALO BEST" Standard Patent  
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Total Daily Flour Milling Capacity  
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Rolled Oats and Oatmeal  
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340 Elevators in Manitoba,  
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Capacity, 8,000 Bbls

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with Total Daily  
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22,500 Barrels

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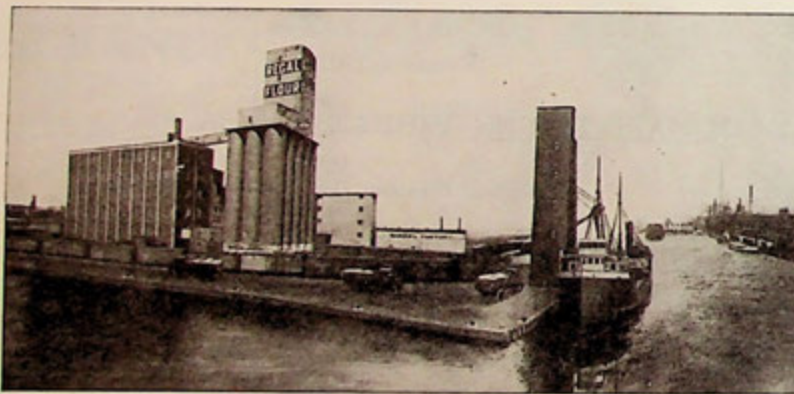
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CAPITAL, \$1,800,000

CAPACITY, 3,000 BARRELS DAILY



*Brands:*

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*TO IMPORTERS*

We guarantee that our flours are not bleached, blended nor "improved" in any shape or form, but are the pure product of the best MANITOBA HARD WHEATS.

*A trial is all that is required  
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MILLS AT  
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DAILY MILL CAPACITY  
22,750 BARRELS

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MAKERS OF THE FAMOUS "ROYAL HOUSEHOLD" Flour





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Two Million Bushels Capacity



Canadian and United States shippers will find our storage and service equal to the best on this continent.

We invite your letters or wires if interested.

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**TORONTO, ONTARIO**

## CANADIAN FLOUR EXPORT CO.

G. D. BRUNDRET, Proprietor

Manitoba Springs      Ontario Winters  
"AVIATOR"      "ST. JULIEN"

Quality and Service

Cable: "CANFLEXCO"      TORONTO, CANADA


## The Strong-Scott Mfg. Co., Ltd.

WINNIPEG      TORONTO      CALGARY

"Everything for Every Mill and Elevator"

**McLeod Milling Co., Ltd.**  
Manitoba Springs, Ontario Winter Flour and Blends. Our location guarantees quick service to Atlantic seaports.  
STRATFORD, ONTARIO, CANADA  
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**W. B. BROWNE & CO.**  
Established 1877  
EXPORT FLOUR  
Manitoba—Ontario Winters  
53 Yonge St.      TORONTO, CANADA



## SPILLERS CANADIAN MILLING CO. LIMITED


AND

## VANCOUVER MILLING AND GRAIN CO. LIMITED

Export Agents—Vancouver Milling and Grain Co., Limited  
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Mills at Calgary and Vancouver, Canada







# Robin Hood Mills

LIMITED

*Western Canadian Spring Wheat Flour*  
*Rolled Oats and Oatmeal*

Mills and Western Offices at  
MOOSE JAW, SASK. ~ CALGARY, ALTA. ~ SASKATOON, SASK.

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## COPELAND FLOUR MILLS, LTD.

MIDLAND, CANADA

*Millers Selected Hard Spring Wheat Flour*

Cable Address:  
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Etc.



Ideally situated.  
The facilities at our  
disposal enable us to  
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quality and service.

BRANDS

FIVE CROWNS      GILT EDGE      CANADIAN MAID      GEORGIAN

Grain Storage Tributary to Our Mills 17,000,000 Bushels

Established 1857

**James Richardson & Sons, Ltd.**  
GRAIN MERCHANTS

Owners and Operators of  
Public Terminals, Private Terminals  
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Grain Receivers—Grain Shippers  
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If you are interested in Canadian Grain we would be glad to hear from you. We make a specialty of Millers' Trade.

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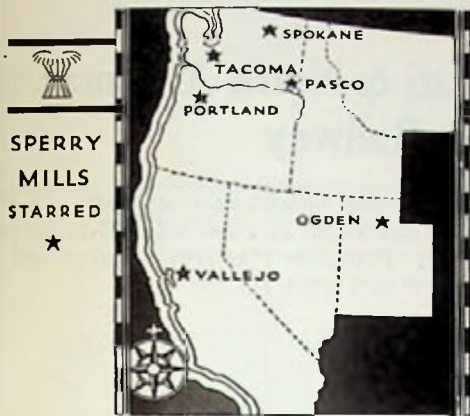
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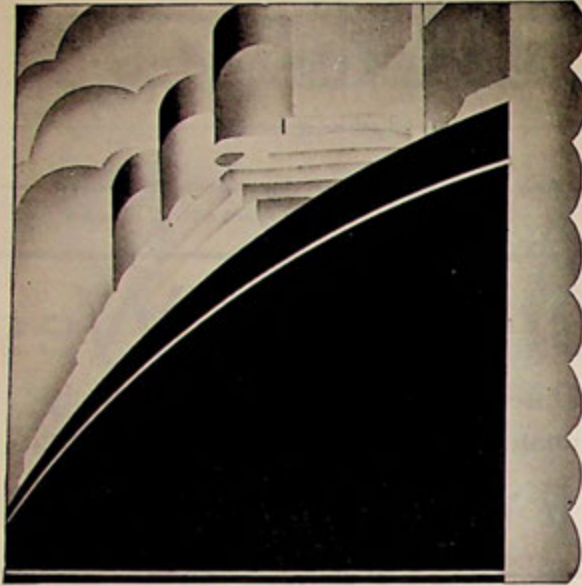
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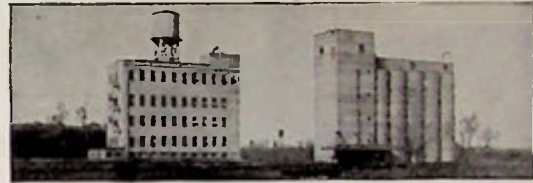
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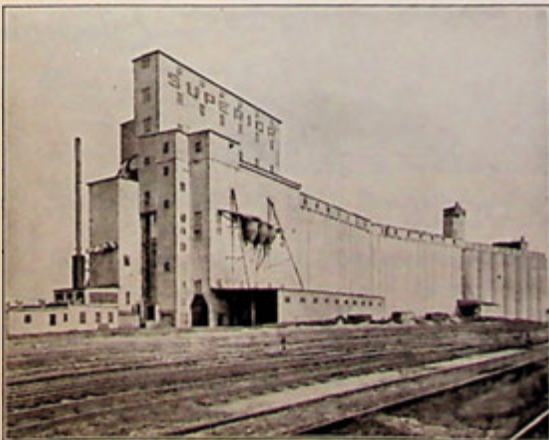
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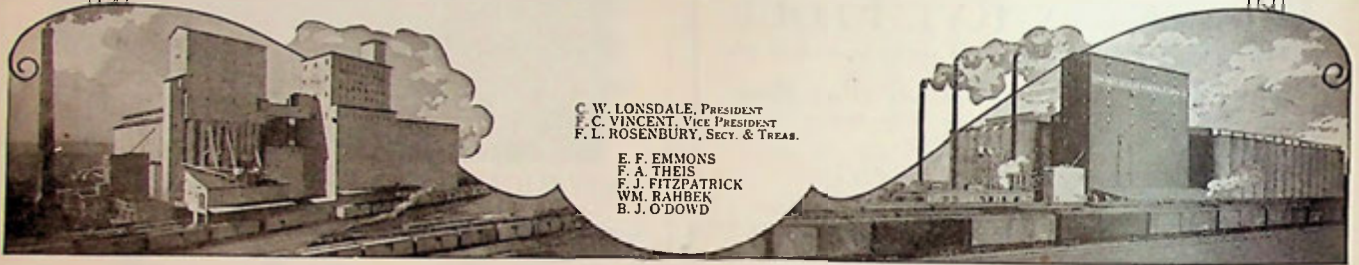
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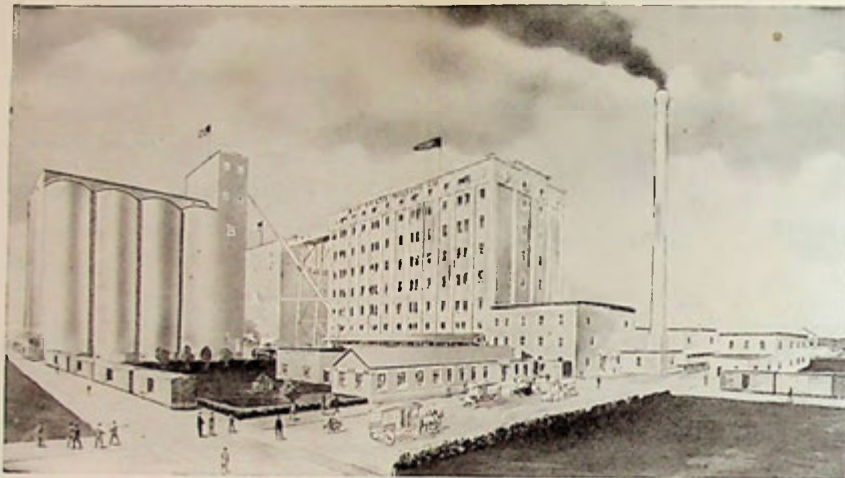
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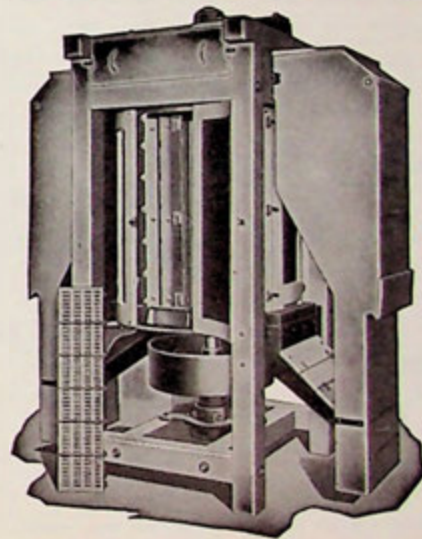
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