





Oil Production In U. S. More than 2,500,000 barrels of oil are produced daily in the United States.

Michigan Men on Nat'l Co-operative Program

Cornelius Bus, manager of the South Haven Fruit Exchange, and N. P. Hull, president of the Michigan Milk Producers Ass'n and the National Co-operative Milk Producers Federation, will appear on the program of the American Institute of Co-operation at the University of Illinois, June 15 to 19.

400 Year Old Pines

The flora of Isle Royale includes at least 21 species of trees of which 13 are deciduous and the balance evergreens.

KILL WEEDS By Complete Penetration with ATCLACIDE

The ephorate weed killer, used as a repellent, kills leaves, stems, complete root systems of weeds.

FARM BUREAU SERVICES, Inc. 221 No. Cedar Lansing, Mich.

The Weather Bureau Lends A Hand to Those Who Farm

Twice a Day Weather in the Making is Summarized For You

Washington—It's eight o'clock in the morning. Telegraph, radio, and teletype messages start pouring into an angular, gaunt, red brick building in Washington.

Strange jumbles of words come in these messages: "ARTHUR PIENDISH RAKE SIRDAR UNFURL TEPID"

No whimsical humor of a too imaginative Government clerk lurks behind these words.

While you linger over your breakfast coffee, weather observers at some 300 stations in the United States, Canada, Alaska, and the West Indies, are at work reading their instruments.

Wind, heat and cold, humidity, clouds, rain—these humors of the great ocean of air at the bottom of which we live, that start or stop the activities of all living things on the earth.

Each detail of each weather report received at 8 o'clock, morning and evening, in Washington, is transmitted by radio, by wire, by air.

Forecast, in Washington from land and sea, from remote and near observation stations, is essential in the making of that forecast.

Now comes the expert interpreters of these reports, the District Forecasts at Chicago, Denver, San Francisco, New Orleans and Jacksonville, who must be at their desks each morning and evening at 8:30.

Even a 24 or a 36 hour warning to farmers can make the difference between success or failure.

Vegetables dug in dry weather, too, are shipped in better condition. Warnings of frost, issued 24 to 36 hours in advance, have often saved whole orchards.

Cold wave notices are the signal to other growers to pick beans, grapes, and tobacco.

Truck growers must protect their tender vegetables by covering with paper, cloth, or soil.

THUMB COUNTIES HONOR GRAY AND NEWTON JULY 16

To Present Them With Many Memberships at Yale Summer Party

Setting a goal of 1,000 new Farm Bureau memberships to present to Mr. Chester Gray and Mr. R. Wayne Newton.

The eight county Farm Bureaus in the Thumb area are already promoting membership contests.



CHESTER GRAY

operating in making the day a success. Mr. Patent of Port Huron, a Y. M. C. A. worker in that city, will have charge of the sports program.

The Yale Exchange club is to entertain the several county Farm Bureau chairmen and their wives at Yale on June 10.

A number of County Farm Bureaus are conducting membership campaigns during June.

Kalamazoo, Ionia and Oceana. Other campaigns are being planned in the counties of Kent, Ottawa, Van Buren and Shiawassee.

MAGIC EGGS Will kill lice on poultry. We are pleased to announce that you can purchase MAGIC EGGS direct from Farm Bureau Supply stores and farmers elevators in many communities.

Buckwheat

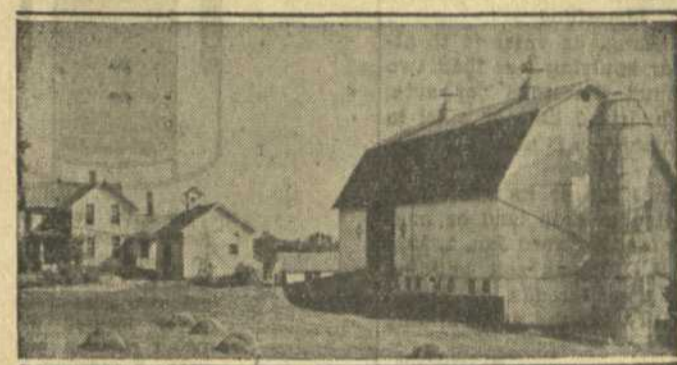
If it remains so dry you can't get in certain crops, remember, Buckwheat, wet or dry, and sow by the Fourth of July.

We are advised that there is a growing scarcity of buckwheat in the country.

Membership Campaigns Planned This Month

A number of County Farm Bureaus are conducting membership campaigns during June.

Farm Bureau Paint House Barn Roof Enamel Varnishes



ONE GALLON OF FARM BUREAU HOUSE PAINT will cover 300 sq. ft. two coats on average surfaces.

FARM BUREAU QUICK DRYING 4 HOUR ENAMELS come in 14 colors, including black and white.

OUR PERSIAN GOLF RED OXIDE BARN PAINT is bright red and will not fade.

BUY FROM YOUR FARM BUREAU DEALER Farm Bureau Services, Inc., Lansing, Michigan

Kills Flies! FLY SPRAY Guarantees Live Stock Comfort. Includes product image and usage instructions.

We Will Guarantee Your Family. Life insurance advertisement with rates: \$1,000, \$2,500, \$3,500.

STATE FARM LIFE INS. CO. Michigan State Farm Bureau, State Agent, 221 No. Cedar St., Lansing, Mich.

Livestock Feeders! PROFITABLE feeding operations this year will require that live stock be PURCHASED as cheaply as possible.

Let Us Help You Sell Your Wool. This Association doesn't buy wool, but it does assist growers to sell their fleeces in an orderly manner.

80 Community Farm Bureau Groups Are Holding Meetings

Discuss Matters of Current Interest; Active in Local Projects

Soil conservation, rural electrification, wool marketing, standard brands, co-operative marketing, group purchasing and similar topics have furnished interesting subjects for discussion.

The Westinghouse Electric & Manufacturing Company of East Pittsburgh, Pa., is offering \$400, \$300 and \$200 college scholarships.

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- List of community farm bureau groups: Grand Traverse County—Peninsula, Roy Hooper; Williamsburg Township, Herbert Burfield; Northport Township, Fred Bassett; Kingsley Township, E. W. Baselines.

Michigan Live Stock Exchange. Secretaries Office, Hudson, Mich.

- List of community farm bureau groups: Jackson County—Rives Junction local, C. A. Pulver; Henrietta local, Vaughn Tanner; Napoleon group, Mrs. Fred Day.

The Crops ON THESE FARM ACRES ARE Spray protected with FARM BUREAU SPRAY MATERIALS. Includes images of crops and Farm Bureau products.



Westinghouse Offers Farm Electric Contest

The Westinghouse Electric & Manufacturing Company of East Pittsburgh, Pa., is offering \$400, \$300 and \$200 college scholarships.

Prefer to Sell or Lend To Country Bred Vets

Washington—Veterans seeking to use bonus payments to buy farms have been notified by W. I. Myers, Farm Credit Administration Governor.

PROTECTED for profit! Spraying is not an expense. It's an investment. Every dollar spent on pest control comes back at harvest time and brings an extra profit with it.

Farm Bureau Services Lansing, Michigan

221-227 North Cedar Street. ARSENATE OF LEAD, CALCIUM ARSENATE, BORDEAUX MIXTURE, DRY LIME SULPHUR, LIME SULPHUR SOL'N and OIL EMULSION.

### CERTAIN FERTILIZER PAYMENTS UNDER SOIL CONS. ACT

Soil Building Pay for Certain Uses of Lime, Potash And Phosphates

Certain applications of lime, phosphate materials, and muriate of potash will be considered as among the approved practices which will qualify farmers for soil building payments, under the Soil Conservation Act, according to an announcement from Washington to all States in the North Central region.

Under the Act, participating farmers may qualify for a soil building payment of \$1 per acre on all acres they have in soil building crops, or will put into soil building crops in 1936, if they perform certain soil building practices on their farms in 1936, at rates set by the Secretary of Agriculture.

For example, a farmer having 40 acres in soil conserving crops may qualify for a maximum of \$40 in soil building payments by sowing alfalfa in 1936. \$2 per acre will be "earned" under the Act. He may sow clover; \$1.50 per acre will be "earned". He may apply ground limestone at \$1 to \$2.50 per acre, etc. When the total of such operations in 1936 equals \$40, that farmer has qualified for his soil building payment.

#### Limestone

Principal change in rules is to allow credit for applying less than two tons of ground limestone per acre. The use of hydrated lime or marl in equivalent quantities is allowed. The new ruling:

Ground limestone or its equivalent may be applied to crop land or non-crop pasture land between Jan. 1, 1936 and Sept. 30, 1936, as soil building practice for these credits or "earnings" to qualify for the soil building payment:

APPLICATION PER ACRE	PAYMENT PER ACRE
2 Tons	\$2.50
1 Ton	1.25
500 lbs.	1.00
1/2 T. (fine) on pasture	2.00

#### Phosphates

May be applied Jan. 1 to Sept. 30, 1936, on crop land used for growing grasses or legumes and from which crop land no soil depleting crop is harvested in 1936 or planted for harvest in 1937, or on non-crop pasture land.

APPLICATION PER ACRE	PAYMENT PER ACRE
200 lbs. 16% or equivalent	\$1.50
300 lbs. 16%	2.25
500 lbs. rock phosphate	2.25

#### Potash

Application time and conditions same as for phosphates, and limited to 50% muriate of potash or equivalent, in areas approved by State Soil Conservation Act Committee.

APPLICATION PER ACRE	PAYMENT PER ACRE
100 lbs.	\$1.00

#### Legumes for Green Manure

\$1.50 per acre shall be allowed for plowing under as green manure between Jan. 1 and Sept. 30 an entire crop of soy beans, cow peas or Canadian field peas.

#### Green Manure After Truck Crop

\$1.00 per acre for plowing or discing under as green manure, these crops grown on crop land, if two months or more growth is attained; Rye, oats, barley, annual grasses, or mixtures of any of these with legumes, seeded following harvesting of any commercial truck crop, including potatoes.

#### Cover Crops, Orchards, Vineyards

\$1.00 per acre for plowing or discing under between March 1 and July 1, 1936, of the following winter cover crops on crop lands in orchards or vineyards provided crop is not pastured or harvested for grain or hay: Rye, oats, barley, annual grasses or mixtures of any of these with legumes.

#### New Seedings

SEEDING	PAYMENT PER ACRE
Alfalfa	\$2.00
Red or Mammoth Clover	1.50
Other clovers	1.00
Mixtures with 50% up of alfalfa or red clover	1.50
Mixtures with less than 50% alfalfa, any clover	1.00

#### Pay For Weed Control

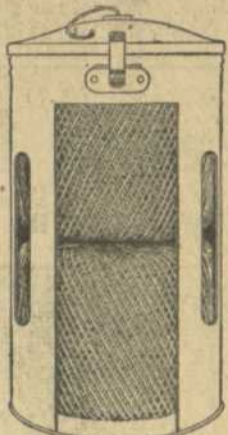
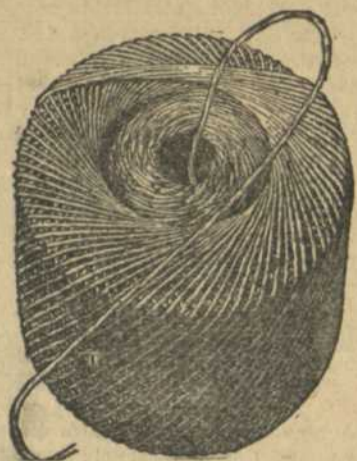
Any acreage of crop land in 1936 clean cultivated or treated with a chlorate solution for the eradication of such of the following perennial noxious weeds as are designated by the state committee, shall be regarded as used for the production of soil-conserving crops: Weeds designated as perennial noxious weeds include: Bindweed or wild morning glory, leafy spurge, Russian Knapweed, Canada thistle, hoary cress or perennial peppergrass, perennial sow-thistle, horse nettle, quackgrass, silver-leaved poverty weed or white weed.

Before such land may be classified as used for a soil conserving practice it must be inspected by a member of the county committee who shall determine that such weeds really are growing on the field in question. Later in the season the county committee must certify that adequate weed control measures have been practiced. However, the acreage which may be designated under weed control for soil conserving payment must not be in excess of 7 1/2% of the total 1936 soil depleting base.

Land which is summer fallowed and fallowed by a legume seeded without a nurse crop before September 1, 1936, will be classified as soil conserving.

# Farm Bureau's Trouble-Free Twine

## 6 Reasons Why You'll Like It



Two 8 lb. balls of Farm Bureau twine in twine can (cut away) to show how patented criss-cross cover insures all twine running out without snarling.

- 1 It's a blend of sisal and manila in correct proportions to produce A-1 quality twine. Treated to repel insects.
- 2 Patent criss-cross cover prevents breaks, snarling, or bunching. Twine runs free to the last foot.
- 3 Strong and uniform. Tested thoroughly at every step in manufacture. Our mill knows twine. It makes 30,000 tons a year.
- 4 Every ball is guaranteed full length and strength. Every bundle will be tied tightly.
- 5 Farm Bureau quality twine is priced right. It's trouble-free features will save you time in the harvest field where time is money.

### 6 EXTRA!

We have made the rope used to tie a bale of Farm Bureau Twine just the right length and weight for a halter rope. Also, the sack is full length, and paper lined.



#### 8 LB. BALL

Criss-cross cover  
500 ft. per pound  
600 ft. per pound



#### 5 LB. BALL

Standard Cover  
500 ft. per pound  
600 ft. per pound



Buy Farm Bureau Twine at Your Co-op Ass'n

## MERMASH A COMPLETE FEED



Use it as a

### CHICK STARTER GROWING RATION

Makes Hens Lay and Pay



MERMASH CONTAINS THE BEST

Ground yellow corn, pure wheat bran, flour midds, meat and bone scraps, alfalfa leaf meal, Mermaker, which is Pacific ocean kelp and fish meal (Mammar formula) to supply essential mineral elements.



FARM BUREAU MERMASH MAKES BUSINESS GOOD

## LATE CROPS NEED FERTILIZER

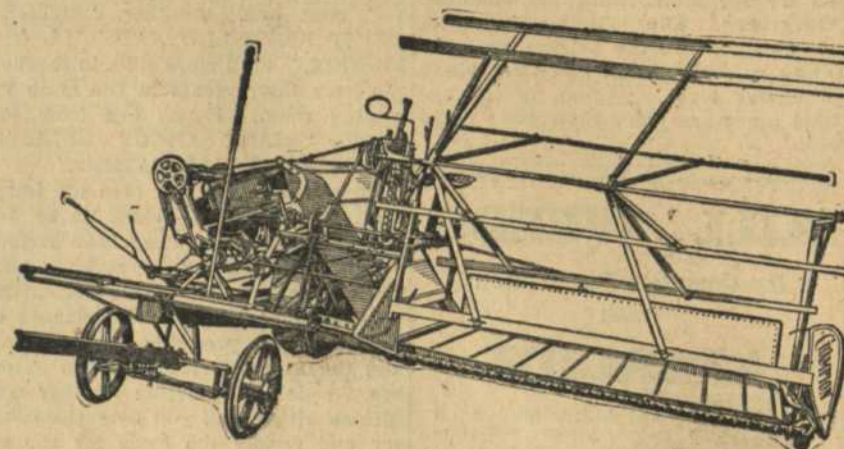
Farm Bureau Fertilizers Can Make the difference between a fair crop and good crops

- Farm Bureau fertilizer nitrogen is 95% water soluble.
- That's about perfect for fertilizer nitrogen.
- It gives plants a strong, quick start.
- Our fertilizers drill perfectly.



## BUY FARM BUREAU MACHINERY

Greater Values... Extra Strong...  
Designed for Long Service  
Ask Your Co-op

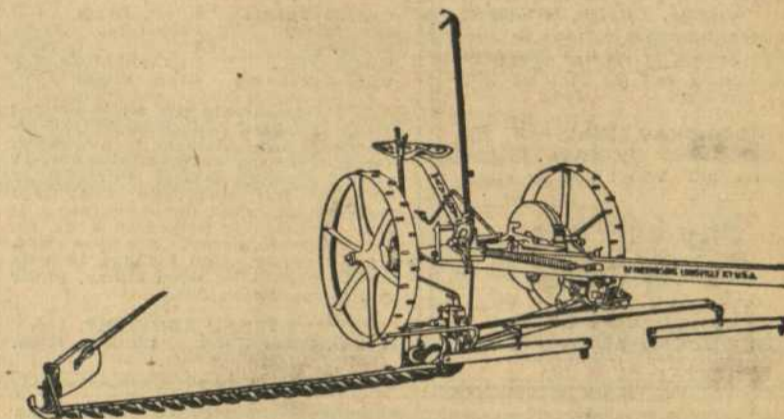


### Champion Grain Binder

Relief rake, feed, knotting, elevator, balancing improvements make this the choice of careful buyers.

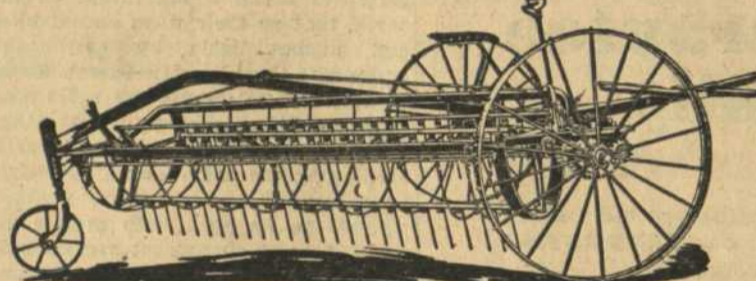
### Pull Cut Mower

Revolutionary improvements put this mower far ahead of anything in the field. Have a look at it.



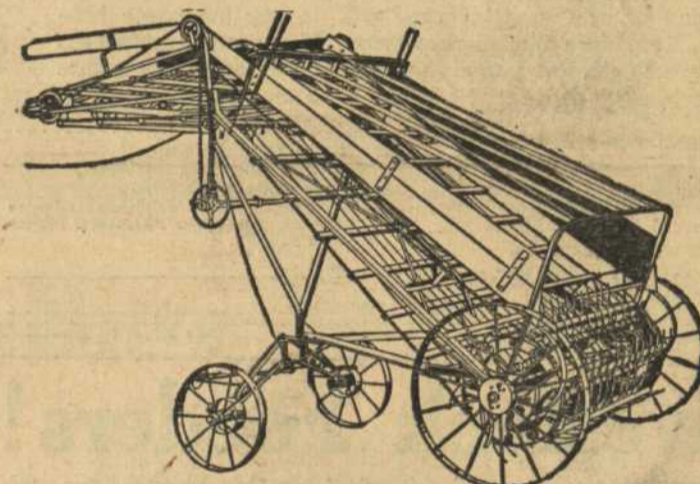
### Side Delivery Rake and Tedder

Flexible, with ample strength for the heaviest hay. Many good features in this machine.



### Cylinder Hay Loader

Sturdy Steel Frame  
Light Draft  
Easy Running



### Our Repair Parts Service

B. F. Avery & Sons C. of Louisville, Ky., manufacturers of Farm Bureau's Co-op Machinery, can supply parts for every machine they have made... as far back as 50 years. Farm Bureau Services has a stock of Co-op machinery parts at Lansing. Your local Farm Bureau dealer can supply you.

## Special Hay and Pasture Crops

### SUDAN GRASS

Ask your co-op ass'n for Farm Bureau Sudan Grass. Native grown. High quality and germination. Sudan grass pasture will keep the milk flow coming. Half an acre of Sudan will keep a cow right up to frost time. Drill or broadcast up to June 15 or a little later. Start pasturing when ten inches high.

### SOY BEANS

Farm Bureau's Manchu Soy Beans are adapted to Michigan. Uniform size and drill well. High germinating stock. Good for emergency hay or pasture crop. Also O. K. for soil building purposes under Soil Conservation Act, if turned under before September 30.

### MILLETS

Co-ops have our Farm Bureau Hungarian Millet and German Millet. Good stuff. For muck soils, use our Siberian Millet. Plant about June 15. Hay crop in 60 days. Cut before seed forms.

### WILD LIFE MIXTURE

If you have swales or other game bird cover, or like to provide bird life with winter food, we have the Conservation Dep't Wild Life Mixture for planting such places.

MILKMAKER Means Moneymaker

MILKMAKER FORMULAS 16, 24, 32 and 34%

## See Your Farm Bureau Dealer FOR FARM BUREAU SUPPLIES

Write Us If You Have No Dealer  
FARM BUREAU SERVICES, Inc., Lansing, Mich.

MILKMAKER Means Moneymaker

MILKMAKER FORMULAS 16, 24, 32, and 34%