

Mr. and Mrs. Farmer . . .

One Man Alone, Did Not—

- 1 Save you 3% of the cost of all Farm Machinery, Livestock, Fertilizer, etc., by securing the Sales Tax Exemption for farmers. A saving to Michigan farmers of a million and one-half dollars annually.
- 2 Reduce the original 5% rate on Federal Farm Loans down to 3½% and 4%.
- 3 Originate a plan for Rural Electrification that will extend rural lines without cost to the customer, and make available electrical equipment at reasonable prices and easy terms.
- 4 Slash \$12 a ton off the price of fertilizers, introduce open formula feeds, and seeds of known origin, purity, adaptability and germination . . . A saving to farmers of one million dollars annually.
- 5 Secure \$65 State tuition for each rural high school student and State aid for rural schools . . . A saving in rural school taxes of over \$2,000,000 annually.
- 6 Win the fight for removal of tax on farm property for township, county and state roads . . . A property tax saving of over \$21,000,000 each year.
- 7 Secure the correction of farm property valuations to lower farm taxes to compare properly with those on city property.
- 8 Win the zone freight rate case of 1923-24 which saves farmers of Michigan a half million dollars annually . . .

The Farm Bureau Made These Things Possible

One Man Alone Will Not—

- 1 Be able to increase tariffs against foreign vegetable and other cheap substitutes that now compete with American farm products.
- 2 Be able to secure farm-to-market roads that will bring farmers living off the main highways "out of the mud." For this purpose we support the use of federal money allocated for the relief of the unemployed.
- 3 Be able to hold the present low interest rate on Federal Farm Loans or secure further reductions in keeping with the times.
- 4 Be able to secure "parity of farm income" and a more equitable price for farm produce.
- 5 Be able to assure the operation of the Soil Conservation program so as to make it most beneficial to farmers in this State.
- 6 Be able to continue the rural electrification program so that details can be "ironed out" which will make power available to every area in Michigan, under fair and co-operative conditions.
- 7 Be able to increase farmer patronage and co-operative business so as to continue to make quality merchandise available at economical prices.
- 8 Be able to work effectively for a happier and more prosperous farm life for you and your children.

This Is But Part of Your Farm Bureau's Program

Consider Some Facts—

☞ The Michigan State Farm Bureau is expending much effort each year to promote farmers' interests through co-operation. It built the seed, feed, fertilizers and other work of the Farm Bureau Services, Inc. Our long-time program to refinance highways and schools has lowered your taxes. We have provided a rural youth program. We provide automobile, life and fire insurance for farmers. We promote an education program! We have a continuous farm legislation program under way.

☞ The Farm Bureau's trained field force helps organize County Farm Bureaus and assists local co-operatives. Our Michigan Farm News preaches the gospel of co-operation and self-help among farmers. It gives you the progress of farmer owned businesses in Michigan; its news and editorial columns keep you informed on legislative affairs at Washington and Lansing. All this requires strong support. This really is the first time we have talked about it!

What Can You Do in Return?

Back up your sympathy with this work with a membership! Don't let it be said of the Farm Bureau as is said of an aged mother who brought up nine children, but the nine children couldn't support one mother.

Your opportunity will come during October and November! A membership campaign is under way. Won't you join up? Come in with thousands of others! It's a time for solidarity and growth! JOIN NOW!

The Michigan State Farm Bureau

Department of Organization, J. F. Yaeger, Director
LANSING, MICHIGAN

CO-OP CREAMERIES HAVE CONTROL LAB

Michigan, Indiana, Illinois
Group Make 28 Million
Pounds of Butter

Indianapolis—The Mid-West Producers' Creameries Inc., which has ten member co-operative creameries located in Michigan, has just installed one of the most up-to-date central control laboratories in the Middle West. Frederick Burwell, from the Ontario agricultural college, is in charge. Mr. Burwell recently received his master's degree in dairy bacteriology from Purdue university. Although Mr. Burwell received much of his education in Canada, he is a native of Indiana.

The purpose of the Mid-West Producers is to assist member creameries with their manufacturing problems, also to act as a marketing agency for their butter. This association is made up of creameries located in Michigan, Indiana, Illinois, and Tennessee. To reach a favorable market and to insure the buyer of a quality product, and to comply with stringent Federal laws covering dairy products, makes scientific research and up-to-date methods necessary.

Farmer members also recognize that quality products bring higher prices and greater profit.

In this central control laboratory samples of butter manufactured by the member creameries will be tested to determine the content of butterfat, moisture, salt, and curd, also the keeping quality of the butter. All butter will be examined microscopically, as well as bacteriologically. Through these laboratory tests exact composition will be determined to eliminate various types of losses that can be had in butter manufacture.

In addition to this type of work in the laboratory, supplies purchased and used in the manufacturing of butter will be tested for quality.

The Mid-West organization handled approximately twenty-eight million pounds of butter this past year. The co-operative has enjoyed a constant growth. Twenty-one creameries in four states are members. These creameries, in turn, have thousands of farmer members and are so located that the truck route service is available to nearly all Michigan dairymen. A large part of the butter manufactured by the members located in Michigan is marketed directly in the state. The Mid-West organization is primarily interested in manufacturing high quality butter, and it was with this thought in mind that the central control laboratory was established to help in producing the finest possible product. Michigan members of the Mid-West are:

Coldwater Dairy Company
Constantine Co-op Creamery
Dairyland Co-op Creamery, Carson City
Fremont Co-op Creamery
Grant Co-op Creamery Co.
Lawrence Co-op Creamery
Marcellus Co-op Creamery
Nashville Co-op Creamery
Schultz Co-op Creamery
St. Louis Co-op Creamery

Animal Fly Sprays Help But Uses Are Limited

Fly sprays do their work only when they are blown into fine droplets that envelop the fly. Entomologists do not know of any substance which, when applied to an animal, is effective in killing flies lighting on it afterwards, according to the United States Department of Agriculture. Furthermore, sprays, even though effective in killing the flies struck, will not control these pests unless the breeding places are treated also.

The value of fly sprays as repellents is limited, the entomologists add. Many tests have shown that some materials applied as sprays to animals do temporarily repel horn, stable, and house flies. None, however, has been found of practical value against horseflies, botflies, warbleflies, and certain other flies that attack and annoy livestock.

Oils in general are injurious to animals, and, particularly when applied heavily, do more harm than good. Nearly any fly spray will taint milk unless the spraying is done long enough before milking to allow the spray to settle, unless the spray is kept away from the milk and milk utensils, and unless the cow's udder is washed with soap and warm water before milking.

Fly sprays, in general, are not disinfectants, nor can they be relied upon to prevent insect-borne diseases.

CREDITS ON PURCHASES

Help Pay Farm Bureau Dues!
NOTICE TO MEMBERS: Purchases of Farm Bureau Brand dairy and poultry feeds, seeds, fertilizers and fence from your local dealer; also, purchases from our clothing and blankets dept. at Lansing, are eligible for membership credits when declared.

MAIL YOUR DEALER SALES SLIPS to the Michigan State Farm Bureau, Membership Dept., 221 North Cedar Street, Lansing, about every three months.

BE SURE Farm Bureau brand goods are entered on slip as "Farm Bureau Alpha," "Milkmaker," "Mermash," etc.

\$10 annual dues mature life memberships; \$5 annual dues do not, but participate in Membership Credits, which reduce the amount of dues payable.

Life members receive their Membership Credits in cash once a year.

We furnish addressed, postage pre-paid envelopes for this purpose on your request.

MICHIGAN STATE FARM BUREAU
Lansing, Michigan

THREE FINE TOOLS FOR YOUR FARM



CO-OP NO. 2
TWO or THREE PLOW TRACTOR
(Available With Power Take Off)

THE CO-OP TRACTOR

Has Features You Want

● POWER

Co-op Tractor's Chrysler Six Industrial motor unit is built to develop maximum power at the drawbar and for the belt, with very low fuel and oil consumption.

● ECONOMY

Experience has proved that a high compression motor with a variable speed governor insures even, flexible performance with economy of gasoline and oil.

● EASILY CONVERTED

From regular tread to cultivator type. Converts to 16 different widths of tread easily by special lug arrangement. Axle always enclosed, and never projects beyond outside of wheel.

● EXTRA VALUES

As standard equipment, Co-op Tractors are equipped with these good features.

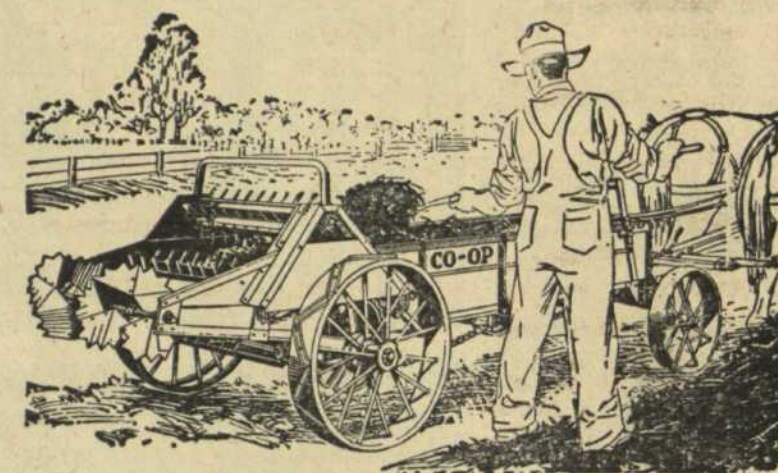
SELF-STARTER
ELECTRIC HEADLIGHTS
BATTERY & GENERATOR IGNITION
FOOT & HAND BRAKES
RUBBER TIRES
TRUCK-TYPE STEERING GEARS

All PURPOSE MACHINE

The Co-op Tractor is well adapted to highway hauling. It will do 25 to 40 miles per hour. Steers as easily as a truck and has no greater fuel consumption. Only our tractor has built in facilities for converting it from the farm cultivating type to the field or road type.

No effort has been spared to make the Co-op Tractor the best that modern engineering can produce. Gears, axles, and bearings are of the latest design and have adequate factors of safety to insure long life under severe duty. The tractor operates smoothly and quietly. Be sure to see and try it. We invite a demonstration.

CO-OP MANURE SPREADER



LOADS EASY

Top of box only 36" from ground. 60 bu. capacity. Sets for 6, 12, 18, 24 loads per acre. Has 14" road clearance. Will turn short.

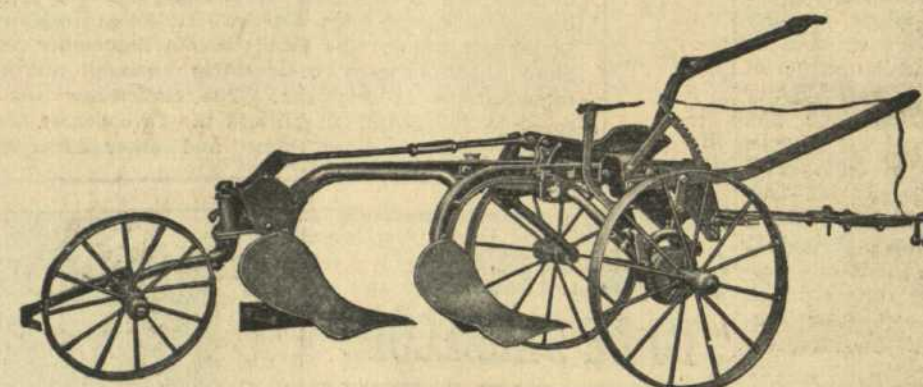
LIGHT DRAFT

Weights 1,200 lbs. or 100 to 500 less than usual. Wide tread wheels, self-aligning, closed bearings with oil chambers.

BUILT RIGHT

Steel angle frame. Heavy steel axles, chains, levers, spokes, teeth. Shreds, pulverizes manure in wide, even blanket of fertility.

A PARTNER FOR THE CO-OP TRACTOR



TRACTOR PLOW SERIES 20

Avery tractor plows offered by the Farm Bureau have large easy rolling wheels, and large clearance between bottoms. They are lowered as well as raised under controlled power, so there is no danger of clipping shares on stones. An exceptionally well made tractor plow. Dust proof Hyatt bearings. Roller coupler. Avery four point I. D. shares. See your Farm Bureau dealer for complete information about these and other Co-op tools.



START YOUR HENS ON MERMASH...

MERMASH 16% PROTEIN with scratch grains is the recommendation of thousands of farmers for good fall and winter egg production. They tell us that with Mermash egg production is up and flock losses are away down... a quarter of the average loss... and, of course, they like that. The sales of Mermash now and for the past ten years are convincing evidence that

Mermash Has What It Takes

for egg production and healthy flocks. Mermash contains the best ground yellow corn, pure wheat bran, flour midds, meat and bone scraps, alfalfa leaf meal, and Mermaker, which is Pacific Ocean kelp and fish meal (Manamar formula) to supply essential mineral elements in food form. Ask some Mermash feeder in your neighborhood about his results.

A Profitable, Low Cost Feed

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%

WHY NOT Make This Savings on Oil?

In the course of a year you use quite a lot of oil for car, truck or tractor and other machinery.

Farm Bureau dealers are now taking farmer contracts for the year's requirements of our Mioco or Bureau Penn oils. It will pay you to investigate the savings to be had.

Farm Bureau's midcontinent Mioco, and Pennsylvania Bureau Penn oils are of the highest quality. They are built to engineering specifications to lubricate efficiently at all temperatures. Ask your Farm Bureau dealer about this oil contract for farmers.



We're Buying Seed

WE ARE IN THE MARKET as usual at this time of the year for Michigan grown June, Mammoth, Alsike, Sweet Clovers and Alfalfa seeds. Send us an 8 ounce sample of your seed. Make it representative of the lot by taking equal amounts from each bag. Write us the amount you have and we will quote you. We send sample mailing bags upon request. We buy other field seeds.

USE OUR SEED CLEANING SERVICE!

WE CLEAN SEED! Deliver your seed, or you may ship it by freight to Farm Bureau Services, Lansing, Michigan, prepaid freight if possible. Tag each bag with name and address of shipper. Write us a letter stating the total number of bags and giving full instructions on cleaning your seed. Advise if you want the seed cleaned and returned to you, or do you want a price quoted on the cleaned seed? We have a modern seed cleaning plant. Send seed soon. We don't do custom cleaning after January 1.