

Behind the Wheel

with J. F. Yaeger, Organization Director

Barley King

Up in Newaygo County near Fremont lives Mr. Henry Kolk. He is known as the "Barley King".

Had a long talk the other day with Mr. Fred Johnson, directing group discussion work for the State College extension department in Michigan.

It is as true of a co-operative as it is of an ostrich that if it has its own head in the sand, it cannot have its ears knocked down.

When the Michigan party was in California attending the A. F. B. F. convention early in December, the weather lived up to California's reputation.

Recently the Branch County Farm Bureau sponsored a tour of co-operatives throughout Central Michigan.

2—Good accounting systems and sound credit policies.

3—Proper machinery and facilities for handling farm products, (including sufficient capital).

4—Sufficient flexibility of policy to adapt the unit to abnormal conditions.

5—A constant process of education brought to bear on producer, employee and customer.

6—Fostering the "part-of-it" spirit by patronage dividends, membership meetings and other devices.

When is a co-operative company not a co-operative? Here lies the success or failure of any unit.

Early Spring Scenes at the Michigan State Farm Bureau



2,000 FAMILIES JOIN THE FARM BUREAU RECENTLY

Spring Membership Efforts To Continue Through June

Approximately 2,000 new farm families were added to the Farm Bureau roll during March, reports J. F. Yaeger, director of organization.

Four hundred of the new Farm Bureau memberships were added in Berrien county, over 100 farmers participating in a one day campaign.

Other counties which have staged membership campaigns during recent weeks include Barry, Hillsdale, Monroe, Genesee, Huron, Sanilac, Tuscola, Cass, Washtenaw, VanBuren, Gratiot and Northwest Michigan Farm Bureau.

Counties that are planning campaigns in the next month include Shiawassee, Kalamazoo, Antrim, and Charlevoix. Other counties are planning campaigns in May and June.

Director Yaeger reports that such campaigns as have been held and those planned for the first half of 1937 are purely of a volunteer nature with the farmers themselves inviting their neighbors to membership.

"Farmers today realize the importance of being organized as they never have before," Yaeger states. "They see developing about them a highly organized society and realize that if the farmer's interests are to be protected and co-operative business promoted, the farmer must have a strong organization to make his program effective."

Local co-operatives have been working in close harmony with Farm Bureau leaders in the campaigns, Mr. Yaeger said, and that the tendency is toward a greater co-operation of all farmer organizations.

Home Talent Show Success

Newaygo—The Newaygo County Junior Farm Bureau's presentation of local talent in a WLS show at Fremont three nights, March 18-19-20, was very successful, according to Joe Feller.

Farm Bureau Hustles to Be Ready for Spring Rush

Seed, Feed, Fertilizer, Machinery, Harness and Fence Plants Bulge Warehouses With Stocks of Goods on Order for Spring Delivery

Farm Bureau warehouses at Lansing and Saginaw and associated farmers elevators throughout the State are handling a tremendous volume of Farm Bureau seeds, feeds, fertilizers, fence, farm machinery, tractors, harness and other supplies for the spring season of 1937.

All winter the factories and processing plants preparing these and other supplies for the Farm Bureau have been working on orders for spring. They continue to manufacture, and are shipping at top speed.

Many carloads of machinery are rolling from the factory at Louisville, Ky. Since last fall the fertilizer plant at Lockland, Ohio, has been making 140,000 tons of fertilizer for the Michigan, Indiana and Ohio Farm Bureaus.

The Farm Bureau's seed service at Lansing and feed mill at Chicago operate early and late. A steady stream of trucks comes to both places. At Lansing the Farm Bureau Services directs the loading and dispatch of hundreds of railroad cars of fertilizer, fence, machinery, agricultural lime and other materials.

As the season advances, and orders and re-orders mount, the pressure on factory and delivery facilities increases. Six to ten months of manufacturing, processing and sales preparation is turned over in less than two months time, for the most part.

The Pictures

Most of the photographs above were taken at the State Farm Bureau at Lansing during the late winter.

- 1. Farm Bureau organization department exhibit of Farm Bureau seeds, feeds, fence, binder twine, motor oils, harness and other services to the membership.
2. Farm Bureau seed analyst examining sample of seed. She determines whether seed offered to the Bureau meets the standards set for purity and germination. Her report suggests the cleaning processes.
3. Seed germinator. Every lot of seed has to prove itself here. At right, rag doll testers for corn; at left, germination tests on alfalfa and timothy.
4. Jigger mill. Two of them are the last word in modern seed cleaning at the Farm Bureau. Manager Roy Bennett illustrates one way of seeing how the machine works.
5. Clipper mill for cleaning seed. Farm Bureau has four of them at Lansing. Peering into them in this manner is an approved method for seeing

what's going on.

6. Co-op tractor on the job in Washtenaw county, and pulling a Farm Bureau two bottom tractor plow. On the Charles McCalla farm near Ann Arbor, a young McCalla is doing the work.

7. Electric bookkeeping, invoicing and calculating machines are employed by the staff of the Farm Bureau accounting department. This group handles the accounts of the Michigan State Farm Bureau and its membership and insurance activities; also the Farm Bureau Services with 18 branch stores, and business relationships with about 300 farmers associations.

8. Part of Farm Bureau machinery display, fourth floor of Shiawassee Street warehouse, Lansing. Similar displays have been set up at Saginaw and other Farm Bureau distribution points in Michigan.

9. Farm Bureau's display of electrical appliances as shown at its Shiawassee street warehouse at Lansing. 10. Section of Printing and Mailing department. A very large volume of sales letters, business forms, advertising literature, and other printed matter is produced by this division.

11. Farm Bureau harnesses and cream separators are last but not least. A thousand or more teams will be wearing new Farm Bureau harnesses this spring. And so the cream separators have a sales record to shoot at.

White Leghorns Black in California

Buchanan—Sheep, white cattle and white chickens in southern California smudge smoke in southern California this winter. To motorists coming in from the east parts of California seemed to be overhung with dark thunder clouds. Fruit growers kept smudge pots going steadily for months of California's coldest winter, said Albert E. Houseworth speaking to his fellow members of the Buchanan Farm Bureau at the co-op March 10.

Forty attended the meeting and heard Chairman Clarence Cripe discuss the Farm Bureau's state and national legislative program. Music, other entertainment and refreshments were part of the meeting. The group was invited by Alfred George to take part in the Berrien County Farm Bureau rally at Buchanan on March 17.

WANT MORE HAY? LITTLE FERTILIZER BRINGS INCREASE

48 Farmers Average 3/4 Ton Increase for \$1.50 of Fertilizer

Bay City—"Three-quarters of a ton of hay for \$1.50 is pretty cheap hay. The experience of 48 Bay county farmers shows that they got it for the application of about 125 lbs. of 0-20-0 fertilizer per acre to hay fields."

So said County Agr'l Agent W. E. McCarthy in a talk to the annual meeting and dinner of the Bay County Farm Bureau here March 17 at the Immanuel Lutheran church school.

"We have long known the beneficial results from applying fertilizer to pastures, but there are excellent results to be had from fertilizing hay fields. We asked 100 Bay county farmers about it. Forty-eight replied. A number of them said their increase in yield was a ton or more. The average increase for the 48 was three-fourths of a ton per acre. Their average application was 125 lbs. of 0-20-0, which cost them about \$1.50 at the time. The land is heavy here, and that accounts for the use of 0-20-0. On lighter soils it might be well to add some potash."

"If you need more hay, three-quarters of a ton for \$1.50 or so in fertilizer is good business. At this time the soil conservation payment for applying fertilizer to hay or pasture land amounts to about half the cost of fertilizers."

Secretary C. L. Brody of the State Farm Bureau complimented the Bay County Farm Bureau upon its growth and described the influence the Farm Bureau's business and legislative departments have come to have in behalf of Michigan farmers.

Nearly two hundred attended the meeting. President Paul Begick presided. Thirteen candidates sought a place on the boards of directors. Those elected: Paul Begick, Morris Radtke, Mr. Burns, John Ziegler, Art Schmidt.

Supervisor John Ziegler urged the Bureau to support the Bay county amendment April 5 to repeal a local law providing for a county board of auditors. Mr. Ziegler held that the auditors are usurping the powers of the board of supervisors.

The National Re-employment Service can supply seasonal and regular farm help. County agr'l agents know about it. There is an office at most county seats and principal cities. No charge for the service.

LEGISLATURE ENACTS FEW BILLS BUT HOPPERS OF BOTH HOUSES BULGE WITH IDEAS; MANY ARE OF FARM INTEREST

One Law Enacted In March, and Four Since the Session Opened; Milk Control, Potato Grade Bills Prominent

With the first quarter of the year gone, of several hundred measures before the legislature, only four have gone to Gov. Murphy for his signature. That appears to be a record.

But one law has been enacted in the last 30 days. It was a rather inconsequential matter, transferring a few feet of state owned land to the city of Kalamazoo. Four local acts have been adopted, subject to local ratification. They close Branch, Huron, Jackson and Livingston counties to Sunday hunting.

A month ago leaders professed to be completely satisfied with the deliberate progress of the two houses. Today they seem to be thinking of the need for some speed. It is reported that the Democratic majority is creating a new steering committee to co-ordinate the work of both houses and get administration bills on their way to early enactment.

Civil Service Bill

The bill to place state employees under civil service is bogged down in the house. Some claim the bill has 55 votes against it. It had the support of the outgoing and incoming governors. It is no secret that many state dep't heads and legislators would like to unburden themselves of the bitter patronage fights under the present spoils system.

Passage by the House of the Brown-Berka bill to extend final relief to delinquent taxpayers will permit payment of taxes delinquent for 1933, 1934, and 1935 in 10 annual installments, with all penalties and fees cancelled, but with a new 2% collection fee added.

Delinquent Tax Help

In order to avail themselves of the aid, delinquent taxpayers must have paid one installment by Sept. 1, 1937, and also have paid their 1936 taxes, as well as past due installments under the Moore-Holbeck Act. This bill is the first step in a compromise program to revise the general tax laws, as proposed by the legislative council.

Some fears were expressed that such a bill might cause a general laxness with taxes. Friends of the bill held that the remainder of the council program would remedy that, but they soundly defeated a proposal from the Farm Bureau, Michigan Education Ass'n and Michigan Municipal League to require payment of current taxes each year to qualify for the installment privilege on delinquent taxes.

House Bills Approved

Other bills of farm interest, acted upon favorably by the House in March included: the Clines-Kappler-Hatch bills to authorize townships to own municipal light and power plants; the Steele bill providing a bounty on crows; the Rowell bill authorizing counties to buy explosives for sale to farmers at cost; the Brown-Joseph Martin bill which paves the way for receipt by State College of additional Federal funds for agr'l research; the Esple-Stout-Odell-Hatch bill reducing license fees on small feed grinding or feed mixing plants where feed is made up to farmer's specifications; the Rahol bill providing compensation for damage done by bears, coyotes and wolves; the Watson-Tomlin bill to prohibit unauthorized price cutting on branded goods. This bill was amended to insure that it would not interfere with payment of patronage dividends by farmers' co-operatives.

Helme's Milk Bill

Honors for the hardest bill in face of potent opposition goes to Rep. James Helme's House Bill No. 135. It would permit the sale of milk and other products at the farm, without regard to sanitary conditions, and would permit farmers and their agents to market these products in cities and villages without a license. The bill has the united opposition of all milk marketing and health agencies and the State Dep't of Agriculture. It went back to committee, but is expected to come out again.

Senate on Potato Grades

In the senate, the committee on agriculture has had under consideration a bill sponsored by potato grower, largely in Montcalm county, to add "U. S. Commercial" to the list of potato grade authorized in Michigan.

At a public hearing March 18 friends of the bill contended that such an inclusion is necessary to avoid loss of a large share of their crop, when graded. However, Fred Hilst, manager of the Michigan Potato Growers Exchange, produced sample grades to show that present grades will permit the marketing of all potatoes worthy of being placed on the market.

It developed that a wide difference exists in the interpretation of the present grades. All parties came to an agreement that a major requirement is right enforcement of existing potato grading laws. It is not likely that the amendment will pass. The Farm Bureau is supporting the Potato Exchange in its opposition to the bill.

New Bills in Senate

New bills in the Senate include: Bill 159, Sen. Brake, for suppression of Bang's disease in cattle; Sen. Brake's Bill 160 prohibiting sale of animals infected with TB or Bang's disease; Bill 165, Sen. Crawford, to make Michigan butter standards conform with federal standards; Bill 177, Sen. Palmer, authorizing the addition of grades 13 and 14 in high schools; Bill 184, Sens. Burhans and Crawford, appropriating \$30,000 annually to promote the sale of Michigan farm products; Bill 188, Sen. Flynn, providing for refunds of sales taxes paid on products for farm and industrial processing prior to passage of Flynn amendment to general sales tax law, May 1935; Bill 200, Sens. Porter and Crawford, licensing dealers and transporters, of livestock to control spread of diseases. These bills are generally in line with the Farm Bureau legislative program, subject in some instances to amendments.

Allow at least a foot of floor space for every three chicks.

Spring opens with enough moisture in most of the United States.



# FARM NEWS

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**BINAR UNGREN** . . . . . Editor and Business Manager

Subscription 25 cents per year; 4 years for \$1, in advance.

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## Greasing the Windmill

For city's sake now, Hiram, climb up and grease that mill. It's been like that since three o'clock; never once been still, I've found the oil can for you, and cleaned it up a mite, And don't you wait till morning comes. You grease that mill tonight!

No! I will not go in the house. Supposing you should fall; You might lie there a-suffering and me not know at all. Suppose your foot should miss a step, away up near the top. It scares me just to think of it. It's such an awful drop.

Well, here's the oil can. Now hang on, and Hiram, don't look down It makes me feel just dizzy now to see you leave the ground! That little ladder seems so frail for your big awkward boots, I just expect to have it break, and see you shoot the chutes.

Oh, please don't grumble quite so much. No, I won't go inside! I never should forgive myself if you were hurt and died. Those boards don't look like much to me, to hold you way up there Do you suppose they're solid? Stop, Hiram! Don't you dare!

This is no time for monkey-shines, and I don't think you're smart. Almost made me sprain my neck, you gave me such a start. Don't whistle, Hiram. Do be still. Now don't forget to grease That up-and-down thing at the top that runs that crooked piece.

And while you're up there take a look and see if you can tell What makes that leak in Mable's room just up beside the ell. All right, I don't suppose you can. Watch out for that top rung When you start down. Be careful now, for you are not so young.

Now there's no hurry. Take it slow. You'll soon be safe once more. I swan, I'm scarier every time than what I was before. There now, that didn't hurt you. What say? Am I all right? You would say that. But anyway the mill won't squeak tonight!

### Courage and Persistence

Three years ago George Pelton, a Colorado miner, was blinded by an explosion. He was 32. Today he is considered an expert watch and clock repairer and has quite a business. But let him tell about it:

"When I got back to my mother's home in Denver, I didn't have much to do. One day the kitchen clock quit. I took it apart and it was two weeks before I got it to running again. I was always handy with tools, but never had seen the inside of a clock or a watch except the dollar ones I used to carry.

"But I decided I could repair watches. So I bought about a dozen old ones. I wrecked some of them trying to get them to run. It took me about a year before I could take them apart and get them back together properly. Now it's hardly any trick at all.

"You've got 'sight' in your ears and fingers if you know how to use it. I can tell, usually, what's wrong by listening to the tick. If a jewel is broken or is rough, it sounds like a broom brushing across a sheet of metal. If it's dirty, the tick is sluggish."

### Farmers and the Legislature

The other day we heard a member of the legislature from one of Michigan's best agricultural counties say that in 2 1/2 months of the present session he had not had a single letter or communication of any sort from a farmer in his district regarding any bill.

In contrast, said he, individual businessmen in other lines are active in expressing their views to their representatives, by letter and otherwise. That is understandable in one sense, because their office facilities make that convenient, and correspondence is part of their daily work.

On the other hand, the legislator remarked that the farmer need make no apology for the manner and the ability that a farm organization such as the Farm Bureau employs in presenting the farm viewpoint to the legislature.

He advised his farm audience that it could be quite well informed on what is going on in the legislature if it would follow legislative news in the daily paper, and read legislative letters from the farm organizations. The legislators themselves are well informed on their parts at Lansing, but right on the scene of action they keep up on the legislature as a whole by reading the newspapers.

### Do You Have Electricity?

Remarkable developments in rural electrification appear to be coming to Michigan in 1937. C. O. Falkenwald of the Rural Electrification Administration in Michigan announced April 1 that the REA at Washington has been asked to approve a loan of \$6,000,000 to Michigan groups to construct 6,000 miles of line to bring service to 20,000 farmers in four areas: the Thumb counties, central Michigan counties radiating from Lansing, the southwest fruit belt counties, and to Lenawee and adjacent counties.

The Consumers Power Co. has announced that it expects to add 15,000 to 20,000 farm connections this year. Last year that company connected 10,000 farms to service. The first two months of this year, the company built 200 miles of line. Other power companies are building rural lines.

In view of the REA development at hand in Michigan, Dan Runnells, agr'l editor of the Grand Rapids Press, has been in Indiana, where the first REA groups are operating. Indiana is the first state to use its first allotment of REA funds—\$3,000,000. Mr. Runnells talked with REA group managers and with power company men.

Both groups agree that in Indiana REA is bringing electricity to all farmers sooner than private enterprise could do it. It will cost \$45,000,000 to build farm lines in every county, said one engineer. REA is active in 29 Indiana counties; power companies in that state report no lessening of the many applications for service. Even with \$3,000,000 a year of REA loans, Indiana farmers realize it will require years to electrify the state. Michigan has 83 counties. Engineers estimate that it will require an average investment of \$600,000 to cover each of those counties with a network of rural power lines. About \$50,000,000 in all. In Indiana the REA and utilities are preparing to live together. The utilities say they sell power to co-operatives at the same wholesale rates they give to cities, industries and other large consumers.

Mr. Runnells was told the REA groups are not building cheap lines, but rather that the specifications are such that one can't tell when he goes from a new REA line to a new power company line. A power company official said that. The groups disagree on the revenue required for a line. The REA folks say an average of three customers per mile and \$7.50 revenue per mile per month. The power companies say an average of five customers and \$12.50 revenue per mile per month to pay on the \$1,000 per mile investment.

In REA loans for projects approved in Indiana, Uncle Sam supplies all the cash and takes all the risk. It holds the line as collateral. Mr. Runnells said: "The farmer-borrowers, who are not asked to mortgage their farms, are not expected to pay either interest or anything on the principal the first year. The loan is amortized over 20 years (and paid as part of the minimum monthly bill). Should the co-operative company be unable to meet its installments and interest, the REA takes over the property after the fifth year and must operate the line another five years. Then, according to the REA act, the government must get out of a bad partnership. It must sell to whoever will buy."

"I am confident that REA is going to pay out," said Mr. Nelson Mandernach, manager of the first REA line to be completed in the United States. He said 200 miles of completed line in Boone county, Ind., serving 700 farms, is not paying at present on a \$1.50 monthly minimum bill.

"When we get the whole county project completed, we will have 2,000 customers and our overhead will be just the same as at present with only 700 members," he explained.

"What will the company do if it doesn't pay its way?" Mr. Mandernach was asked.

"We will probably have to raise the monthly minimum guarantee from \$1.50 to probably \$2.50. If \$2.50 is not enough, we may have to go to \$3—the figure originally proposed by the REA."

It's certain to be a big year for the construction of farm power lines in Michigan. In July of 1935 the Farm Bureau proposed the Michigan Plan. Under that plan power companies in 1936 brought electricity to some 15,000 farm homes. The companies built the lines at their own expense. Where there was an average of 5 customers per mile, the monthly guarantee per customer ranged from nothing to \$2.50. For a less number of customers per mile, the guarantee, when asked, is proportionately higher. Now comes the Rural Electrification Administration with a large program, much along the same lines, and all directed to the early and complete electrification of rural Michigan.

## BEAN GERMINATION RISKY; TEST SEED AND PLANT MORE

### Heavy Rains Last September Did Much Damage to Seed Beans

**By PROF. H. C. RATHER**  
Farm Crops - State College

Owing to wet weather last September, much of the Michigan bean crop was weather damaged and a large percentage of beans being saved for seed are of poor germination.

H. R. Pettigrove of the Farm Crops Department, is just completing a germination survey covering 12 of the leading bean counties. More than 100 samples coming from these counties have been tested for germination. Only one lot gave a strong germination above 90%, which is the accepted standard in favorable seasons. The average strong germination for all lots was 67%. Some of the lots contained practically no healthy, vigorous seeds.

Molds and other organisms have started in the seed and await only moisture such as is required for germination for their development, while a high percentage of the seed is already dead—one lot showing 88% of the seed with no evidence of life at all.

Poorest seed lots are in those counties which had highest September rainfall. There is a close correlation between September rainfall and poor germination in the samples tested.

**Conditions By Counties**

Bean counties with highest September rainfall, poorest harvest conditions last fall and therefore likely to have poorest seed beans this spring, are Ingham, Eaton, Barry, Allegan, Kent, Ionia, and Clinton.

Intermediate conditions prevailed in Montcalm, Gratiot, Shiawassee, Genesee and Mecosta, and the Red Kidney bean centers in Oceana and Newaygo.

Relatively favorable harvest conditions prevailed in Huron, Sanilac, Tuscola, Saginaw, Bay, Midland, Isabella and Lapeer.

However, even in the counties with fairly favorable September, such as the last named, many of the seed beans germinate only fairly well, most of the better lots running between 80 and 90 per cent.

Growers whose beans were discolored last fall and showed high pick when taken to the elevators are almost sure to find these beans will germinate poorly.

### Sugar Beets Reliable

In a recent address before more than 600 farmers at Saginaw Professor H. C. Rather, of Michigan State College said: "A major reason for growing sugar beets is that proper soil management and intelligent cultural effort are rewarded with more certainty and to a greater degree than is true of most other Michigan cash crops."

"This crop presents no similar marketing hazards. The contracts for 1937 have been agreed upon and they have been definitely improved."

### Help McCalla Open Up

Ann Arbor—The opening of the Washitaw Farm Bureau Supply store at 221 South First street early in March was well attended. Charles McCalla has installed a full line of Farm Bureau services, and is equipped to clean seed, grind and mix feeds, crack or shell corn, etc.

Butter is the one food product defined by law.

## SIMS SPEAKS TO TUSCOLA BUREAU

### Says Farm Business Better; Jesse Treiber Elected President

Caro—Jesse Treiber of Unionville was elected president of the Tuscola County Farm Bureau at the annual meeting here recently. Henry Lane of Fairgrove, vice-president; Alton Reavey of Amer, secretary-treasurer. Other directors are: Dorr Perry, Ellington; Herman Wall, Reese; Reid Kirk, Fairgrove; William Smith, Colwood.



JOHN W. SIMS

John Sims, former agricultural agent, but now with the Tennessee Corporation, manufacturers of fertilizers for Ohio, Indiana and Michigan Farm Bureaus, was the speaker.

"Farm business conditions are getting better," said Mr. Sims. At the close of the war, the farm was at its best. Even though all prices were high, what the farmer had to sell brought still more in dollars. By 1922 his position had changed much and continued in a long decline. But in February of this year we find the farmer trading his products on almost an even basis for what he has to buy. According to the U. S. Dept. of Agriculture his disadvantage is now about 2%, and that is narrowing.

"In 1910 the price of a rather low grade 2-8-2 fertilizer was \$21.50 per ton. In 1922, after co-operatives started on this item, the price was about 20% less than the average price level for other things the farmer had to buy. In 1937, you can buy fertilizer

## Classified Ads

Classified advertisements are cash with order at the following rates: 4 cents per word for one edition. Ads to appear in two or more editions take the rate of 3 cents per word per edition.

### LIVE STOCK

**REGISTERED HEREFORD BULLS** and heifers. Start a registered herd now. Dairy farmers, use a Hereford bull and get real veals. Don't raise scrubs. A. M. Todd Co., Menthla, Mich. (14 miles northwest of Kalamazoo) 2-6-1f-23b

**OKDALE HEREFORD FARMS** (Home of 100 Head of Registered Breeding Cows). We are offering for sale bred and open heifers, also a few young bulls. Write or phone—R. L. Mackie, Metamora, Mich. (3-6-21-32p)

**MILKING SHORTHORNS** ARE RAPIDLY gaining in popularity as the ideal dual purpose cattle. Buy with confidence from this good herd. Bang's free. Bull calves and open and bred heifers for sale. High production and International Grand Champion bloodlines. Write or visit: INGLETSIDE FARM, Stanley, Mich. (4-3-11-45b)

"THE IDEAL DAIRY COW" WRITE secretary, Dutch Belted Cattle Association of America, Buchanan, Michigan. (4-3-21-14p)

### BABY CHICKS

**BABY CHICKS—READY NOW. CERTIFIED.** Bonded White Leghorns and Barred Rocks, Michigan R. O. P. Breeders. Order early. Write, or visit Lowden Farms, P. O. River Junction, Mich., Location, Pleasant Lake. (Farm Bureau members.) 2-6-1f-23b

**BUY CHERRYWOOD CHAMPION** Chicks, big heavy-laying English leghorns, Rhode Island Reds. Breeders 100% blood-tested. Leghorn cockerels \$2.00 per 100. Pulletts four weeks and older. Cherrywood Farms Hatchery, Hollawassee, Mich. (4-3-21-39p)

**U. S. CERTIFIED AND U. S. R. O. P.** Large Type Chicks, eggs, started pullets and cockerels bring you bigger profits through better breeding. 7 years an R. O. P. breeder. Chicks started by R. O. P. males. Records to 213. Free catalogue shows the breeding we offer you. B. W. D. tested. Bonded. Rock bottom prices. Immediate delivery. Write or visit Plainview Poultry Farm, R. 4, Grand Rapids, Michigan. (4-3-21-69p)

### BEEKEEPER'S SUPPLIES

**BEE HIVES, SECTIONS, COMB** foundations, etc. Outfits for beginners. Send for catalogue. **GRAPING WAX** for orchardists. Both hand and brush wax. **BERRY BASKETS AND CRATES, MAPLE SYRUP CANS.** Send for prices. M. H. HUNT & Son, 511 No. Cedar St., Lansing, Michigan. (1-2-4t-42b)

### TURKEYS

**TOP NOTCH TESTED AND AP-** proved bronze turkeys. Highest quality poults and eggs. Book early for best choice of dates, April first to July fifteenth. Write for details. W. D. Willard, Beulah, Michigan. (2-6-4t-30b)

**CUSTOM HATCHING—TURKEY** eggs exclusively, 3 cents an egg or 6 cents each strong poults. Newtown Hot Water Incubator, large hatches. Best hatcheries, reserve space, White Cloud Hatchery, White Cloud, Michigan. 4-3-21-32p

For \$90 that would have cost you \$100 in the years before the war."

### PLANTS

**FROSTPROOF CABBAGE, EACH** bunch fifty, mottled, labeled variety name. Jersey Wakefield, Charleston Succession, Coprinaken, Early and Late Dutch, Postpaid; 200, 60c-200, 75c; 500, \$1.00; 1,000, \$1.75. Onion: Crystal Wax, Yellow Bermuda, Sweet Spanish, Prizetaker, Postpaid; 500, 90c; 1,500, \$1.00; 6,000, \$3.50. Tomato: Large, well rooted, open field grown, mottled, labeled with variety name. Livingston Globe, Marglobe, Stone, Baltimore, Jubel Pink, McGea, Earliana, Gulf State, Market Early Detroit, postpaid; 100, 50c; 200, 75c; 300, \$1.00; 600, \$1.50; 1,000, \$2.25. Pepper mottled and labeled. Chinese Giant, Bull Nose, Ruby King, Red Cayenne, postpaid 100, 60c; 200, \$1.00; 500, \$1.75; 1,000, \$2.50. Full count, prompt shipment, safe arrival, satisfaction guaranteed. Union Plant Company, Texarkana, Ark. (4-3-21-114b)

### FARM FOR SALE

**FOR SALE—TO SETTLE THE E. A.** Cline Estate, 7 acre farm, plenty barns and other outbuildings, fences fair, two silos, about one third virgin timber. Wase and a half miles north of Bath, Michigan. S. E. Ewing, Admin., Bath, Michigan. (4-3-21-59p)

### FOR SALE—MISCELLANEOUS

**MICHIGAN REPTILE TANK SIPHON** and bell as recommended by State College Agr'l Engineering Dept. Build your own siphon tank and sewage system. Install when tank is built. Installation and operation simple. Discharges automatically. Have been sold 15 years. All in daily use and giving satisfaction. Instructions with each siphon. Price, delivered, \$7.00 which includes sales tax. Farm Bureau Supply Store, 723 E. State, Lansing, Mich. (4-3-1f-60b)

**BEST BLADE AT ANY PRICE. THIS** starting new Duo-Type Razor is as light as a feather—made of special black "Cellite"—so easy to clean. No pressure against the face is needed because of perfect alignment. One side is for close shaving; the other side for medium shaving. A fast, clean, perfect shave with this razor and an Oxford blade. No cuts, nicks, or skin irritations. Actually the finest shave imaginable in a jiffy. Cuts shaving time in half. Here's a shaving treat you'll never forget! 50 blades and razor \$1.00, prepaid. Use 5 blades and razor if you do not get the smoothest and cleanest shaves ever experienced, we will return your dollar. F. A. Showerman, Jackson, R. 7, Mich. (4-3-11-117p)

### FARM HELP WANTED

**FARM HAND WANTED, SINGLE ON** dairy farm. John Gault, 329 Maple St., Ypsilanti, Mich. (4-3-11-14p)

### FARM WORK WANTED

**SINGLE MAN, MIDDLE AGED, WITH** long experience wants farm work by month, near Lansing. Joe Barnum, 212 1/2 North Washington Ave., Lansing, Mich. (4-3-11)

**WANTED TO WORK ON FARM BY** month or on thirds. Married man with two children. Melvin S. Wade, St. Johns, R. 3, Mich. (4-3-11)

**SINGLE MAN, 20, WANTS FARM** work by month. Can handle tractor. Can't milk. Robert Geyer, 429 North Cedar, Lansing, Mich. (4-3-11)

51,000 buck deer were killed in Michigan last fall.

## FARM BUREAU SPRAY MATERIALS

Better CROP PROTECTION  
Brings  
Bigger CROP PROFITS!

The big difference between "fair to middlin'" crops and prize crops is almost always a question of spray material quality. Every harvest proves it . . . by returning extra profit-dollars for every dollar spent on quality spray protection.

That's the story, in a nut-shell, behind the steadily growing trend to Farm Bureau Spray Materials. Growers put these laboratory-controlled insecticides and fungicides to work on the assurance of ourselves and our manufacturer, General Chemical Company. Growers standardize on Farm Bureau materials on the basis of their own experience with them . . . on the basis of proven protection . . . for crops, and profits!

Put Farm Bureau Spray Materials on the job for you. You'll stick to them, year in and year out . . . because it pays.

### FARM BUREAU SERVICES, Inc.

221-227 N. Cedar Street  
LANSING MICHIGAN

ARSENATE OF LEAD  
CALCIUM ARSENATE  
BORDEAUX MIXTURE  
DRY LIME SULPHUR  
LIME SULPHUR SOLUTION  
and OIL EMULSION

Also ORCHARD BRAND ZINTOX, a Basic Zinc Arsenate • Diticone Sulphur • Potato Spray • Nicotine Sulphate 40% • Para-dichlorobenzene • X-13 (Pyrethrum Extract) • Paris Green • Veget-Ax (Rotenone Base) Dust • Muriatic Acid • Various Dust Mixtures

### Behind The Wheel

(Continued from page 1.)

the form of organization. By the same token a growing membership is an active membership. It refuses to become static or stagnant.

"In this respect it is one of the groups operating on the principle of patronage returns failed of a steady gain in membership. Not a manager among them failed to give credit to Rochdale principles for added business. And none failed to stress the matter of more education as a primary need.

### Moorland Community Club

At the Moorland Farm Bureau Community Club (Muskegon county) meeting March 17, Miss Doris Woodward gave an interesting description of her observations on a trip to California with the Michigan Farm Bureau group last December. Emil Johnson was chairman. Miss Johnson and Miss Lindgren entertained with music.

A good alfalfa sod in an orchard indicates that the soil is relatively fertile for apples.



Pigeon Elevator Meeting

Pigeon—Patrons of the Pigeon Co-op Milling and Elevator Co. were entertained by the Co-op recently. Carl Kidman presented pictures and a lecture on feeding ocean kelp and fish meal in Manamar form to poultry and dairy cows. Art Peterson spoke on the subject of calf feeding. Austin Gwinn presented the Farm Bureau program.

Scales, scars, discolorations on grapefruit affect only appearance and not the eating quality.

SAVE MONEY on Seed Treatment!

NEW IMPROVED CERESAN



treats oats and barley at lower cost than any other dust

You profit three ways when you treat seed with New Improved CERESAN. As a rule you increase your yields. Reduce loss from insect and covered smut of oats; covered smut, black loose smut and stripe of barley; and seedling blight of both grains. And you save money in treating cost!

This dust costs less to use than any other—4¢ an acre on barley and 5¢ on oats, at average seeding rates. The U.S. Dept. of Agriculture approves it. Very little flying dust in treating; hardly any labor if you use a gravity treaters; no drill damage. In actual tests, New Improved CERESAN has given an 18% average yield increase on oats and a 6% increase on barley!

Write for Cereal Pamphlet and free blueprints—how to make your own gravity treaters from an old oil drum. Bayer-Semesan Company, Inc., Wilmington, Delaware.

TREAT SEED—IT PAYS EVERY YEAR

BUY FROM YOUR FARM BUREAU DEALER

And save postage. Or buy from us cash with order. 1-lb. can 70¢; 5-lb. can \$3. PLUS parcel post at 10¢ per lb.

FARM BUREAU SERVICES, Inc. 221 N. Cedar Lansing, Mich.

CONSUMERS MAY CONNECT 20,000 TO FARM LINES

Built 502 Miles of Electric Lines in January and February

Jackson—More than 15,000 Michigan farm families—perhaps 20,000—will obtain the benefits of electric power service during 1937 through the rural electrification program of the Consumers Power Company, according to an announcement by M. Wilson Arthur, vice president and assistant general manager.

The 1937 program dwarfs that of last year, according to Mr. Arthur. Last year the company built 2,000 miles of rural lines to give service to 10,800 rural customers. During January and February of this year, 502 miles of rural lines were built—ten times as much as in the same period of 1936 and 16 miles more than the total rural construction for the first seven months of 1936.

"The company is equipped to build lines as fast as requests are received and right of way obtained for pole lines," said Mr. Arthur.

Electric service already is enjoyed by 28,709 farm customers in Consumers territory, and company records show the average amount of energy per farm used during January was three kilowatt-hours per day. Average daily cost was a trifle over nine cents.

"Applied only to the farm home, those three kilowatt-hours will do more for a few cents than hired help could do for a dollar," said H. J. Galagher, farm service supervisor. "Three kilowatt-hours per day will pump the water, do the washing and ironing, supply good lighting and operate the radio, refrigerator, vacuum sweeper, clock, percolator and toaster."

"An additional three kilowatt-hours per day, used about the farm, will mean further substantial net savings."

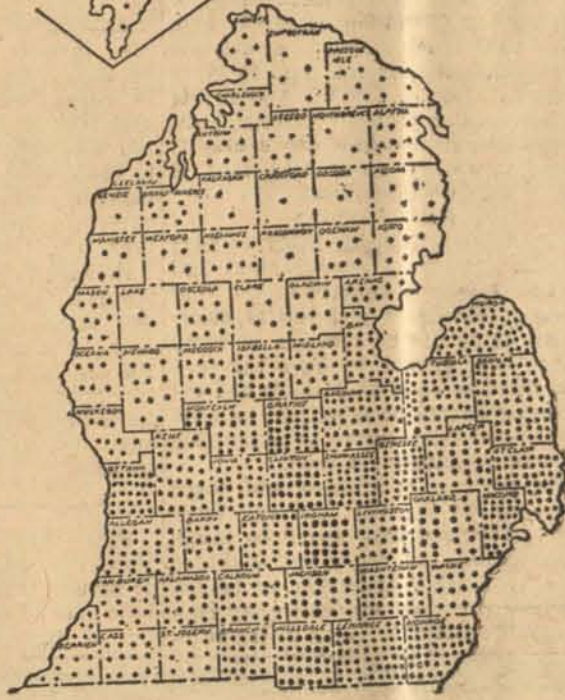
Benton Center

Farm Bureau Members

John Hoeker, manager of the Benton Center Fruit Ass'n in Berrien county, reports that all members of his board of directors and almost every stockholder of the company are members of the Michigan State Farm Bureau.

Uncle Ab says biggest success comes to those who do well the every day tasks.

Oat Crop Requires Million Acres



Michigan State College Offers New Bulletins on Oat Culture and Smut Control for 1937 Crop

Each dot in the above map represents 1,000 acres of oats or a fraction thereof.

Since pioneer days oats have been one of Michigan's chief cereal crops and at present rank second only to corn in acreage. Importance of their culture has led authorities at Michigan State College to prepare two new extension bulletins. No. 177 is "Oat Culture in Michigan" and No. 176 is "Oat Smut Control."

There is no plan at the college to stimulate increased production of oats, as they are not regarded as a home grown cash crop for livestock. But with more than a million acres devoted each year to oats it is being recommended to farmers that they follow better practices, using better disease control methods and by planting the best varieties.

Oats in the state have retained their dominance of large acreages for four reasons. They provide a source of

homegrown stock feed, they provide coarse roughage for feed and bedding, they serve as a nurse crop for grass and legume seedings, and they fit into the recommended crop rotations.

Yields in the state for 50 years have varied in annual averages from 18.5 to 40 bushels to the acre. The production of 80 bushels to the acre is not uncommon. George Aldrich and Sons at Fairgrove in 1930 set a record in harvesting 125 bushels per acre.

The oat culture bulletin is a concise and yet rather complete publication. Authors are E. E. Down and J. W. Thayer, Jr., in the farm crops department. The oat smut control bulletin is a four page brief of proper seed treatment with a diagram for construction of a homemade oil drum dust treaters. The author is J. H. Muncie, specialist in plant pathology. Copies of these new bulletins may be obtained by writing Bulletin Room, Michigan State College, East Lansing.

BRANCH CO. FARM BUREAU ACTIVITIES

Interested in 4-H Club Fair Grounds; Taking Part in Oil Co-op

Branch county 4-H clubs are to have a six acre site for their annual fair. It is located opposite the city of Coldwater recreation grounds. Provisions will be made for buildings, a stock judging amphitheatre, etc., according to U. S. Newell of the Branch County Farm Bureau, which is co-operating with the project.

The Farm Bureau oil and gasoline service in Branch county, known as the Batavia Bulk plant, is on the way to becoming a Branch County Farm Bureau controlled subsidiary of the Michigan State Farm Bureau, according to Mr. Newell. Plans have been submitted to the board of directors and papers are being drawn.

Mrs. Edith Wagar attended a meeting of Farm Bureau committeemen at Coldwater Grange hall March 26 and spoke to 40 on the subject "The Associated Women of the Farm Bureau."

At the April meeting of the Branch Farm Bureau, the Junior Farm Bureau will present the entertainment.

Big Sugar Beet Yield Doesn't Hurt Price

Saginaw—Commenting on the prediction that the 1937 sugar beet crop in Michigan, Ohio and Indiana will be materially larger than that of 1936 Merrill J. Busehler, of Saginaw, Michigan, said "Unlike other farm crops an increase in the production of sugar beets does not mean a decrease in the price. In other words, every farmer knows that the present high prices of corn, beans and other crops grown in the three states are the direct result of low yields in 1936 and it is generally conceded that the present price levels will not continue after the next harvest."

Huron Adds 55 Members

Bad Axe—Huron County Farm Bureau members added 55 members to their group the first week in March. Jack Yaeger and Austin Gwinn of the State Farm Bureau staff met with the group of volunteer membership workers on March 3.

MICHIGAN FARMERS PREFER MICHIGAN CERTIFIED SEED BECAUSE THEY CAN GROW LARGER CROPS OF HIGHER QUALITY. CHIEF PETOSKEY THE SIGN OF QUALITY. Russet Rurals White Rurals Irish Cobblers Katadins. WRITE FOR PRICES Michigan Potato Growers Exchange, Inc. CADILLAC, MICHIGAN

An Electrical Coating 99.99% pure. Image of a man working with a barrel of coating.

Purity is the key to lasting qualities in zinc coatings. It's the impurities in ordinary coatings, particularly iron, that break down their defenses against the elements. The bethanized coating is virtually pure zinc—99.99 per cent pure. No zinc-iron alloy in coating—Coatings applied by older processes depend on a layer of zinc-iron alloy to bond the coating to the wire. As mentioned before, iron in zinc destroys its resistance to weather. The bethanized coating is of the same high weather-defying purity all the way to the wire. Uniform thickness at all points—Because it is electrically built up, atom by atom, on the base wire, there are no variations in the thickness of the bethanized coating—no thin spots to rust out relatively soon and cut down fence life. And you pay no more for tried-and-proved bethanized quality.

FARM BUREAU SERVICES, INC. LANSING, MICHIGAN

FRANCE AGR'L PRODUCTS. AGSTONE MEAL HI-CALCIUM HYDRATED LIME PULVERIZED LIMESTONE SPRAYING LIME. See your Dealer, Co-op, or Farm Bureau Dealer for FRANCE AGRICULTURAL PRODUCTS. THE FRANCE STONE CO. MONROE, MICHIGAN or — THE FRANCE STONE CO., Toledo, Ohio

Damage to Highways in State Worst in History of Motor Travel. Let it thaw! CONCRETE'S RESISTANCE TO SPRING "BREAK-UPS" IS WORTH MILLIONS TO TAXPAYERS EVERY YEAR. WHEN the frost comes out or the rain pours down, concrete pavements "can take it." They're always ready to get you through with safety. Even after the terrible punishment of the past winter, routine inexpensive maintenance quickly puts concrete back in condition for the heavy summer traffic. There is little or no interruption of service. Aggravating detours and costly delays are avoided. Make first-hand comparison of pavements and you'll demand dependable, all-season concrete. Concrete is safe, economical, usable—in all seasons, rain or shine, day or night. PORTLAND CEMENT ASSOCIATION Dept. D4-5, Olds Tower Bldg., Lansing, Mich.

Health for Rural America Topic for Women Speakers

Mrs. Wagar Outlines National Contest for Farm Bureau Women

By MRS. EDITH M. WAGAR "Health for Rural America" is the topic to be used for the Women's National Public Speaking Contest for 1937.

The contest this year offers some radical changes that govern those states participating, for the national committee has decided that district elimination contests shall be held before the finals at the annual meeting of the American Farm Bureau Federation.

The Midwest elimination in which the Michigan representative must participate is to be held in connection with the Midwest Training school which is usually held in July. This limits the national contest to four participants, each one the winning contestant of her region.

The oration must be original and contain a minimum of 900 and a maximum of 1200 words. Orations will be judged from a score card made according to 50 points for the message and 50 points for the delivery. The American Farm Bureau Federation offers a prize of \$25.00 and a gold medal to each of the regional representatives.

The board of directors of the Michigan State Farm Bureau decided two years ago that in order to compete in the national contest it would be necessary for a woman to work her way through the "grades" of our State by first participating in a county contest, the winner of which would represent her county in a district contest followed by a state contest among the district winners. The state prize will be a trip to the national annual meeting and national contest with all expenses paid.

Plenty of Talent This speaking contest could be made a colorful affair in our state if the county leadership would start the ball rolling. There's no doubt about the available talent if only some one would but take the time to look for it.

The district contests could be made the central attraction of fine district gatherings if once a beginning was made along that direction. No better topic could be discussed at a Community Farm Bureau meeting. Analyze your own local health conditions and decided if they can be bettered. Have you an efficient health program? Have you a county health unit that functions properly? Are your people, especially the children, safeguarded from epidemics, from im-

pure water or food, or from needless accidents?

Have you health promoting facilities in your locality? Do you have medical assistance within the reach of the most isolated resident of your county? Can the common people in your locality afford proper medical attention or is such service only available to the well-to-do, and on the other hand, to the very poor thru public expense?

A California Experiment In Southern California a rural experiment is taking place. Farm families receive regular medical attention at a cost of \$25.00 per family a year. This experiment is causing much attention both from the standpoint of the rural population and from the medical profession who naturally have opposed socialized medical policies.

In one county in Indiana a Mutual Health Association has been organized and some 70 members are enjoying medical privileges provided by their own resident physician at the modest cost of \$1.30 per month per family or \$15.60 per year. Individuals pay one-half the family rate. If farmers can unite to buy coal, fertilizer or fence, why cannot they unite for improved health conditions?

Health for Rural America is a topic that can well be studied by discussion groups all over Michigan and the intensive study necessary to a speaking contestant would be most valuable to any community. This is a challenge to the rural leadership of our state, let's accept it along with other states and aim to make rural America all that it should be along health matters.

Jackson Group Seeks Road Improvement

Henrietta-Waterloo Farm Bureau in Jackson county has two important community projects under way. Arthur O'Brien, B. R. Harrington and James Golden are a committee to seek a concrete or black top road from Munnith to the good road that leads to Jackson. Improvement will be sought for M-106.

At the meeting all Farm Bureau members present ordered certified potato seed. The proposal was opened to anyone in the community to enable them to save on the quantity purchase, and to improve the neighborhood potato crop.

Officers of the Henrietta-Waterloo Farm Bureau are: Fred Baxter president; J. Earl Lowden, vice-president; Miss Alta Moeckel, secretary; Mrs. Arthur O'Brien, treasurer. R. V. Tanner is program chairman. The group meets each month at the home of a member.

FERTILIZERS ARE BETTER

Present day fertilizers are better. In 1920 fertilizers contained an average of 278 lbs. of plant food per ton. Today's high analysis fertilizers average 365 lbs. of plant food per ton, and cost less per unit of plant food.

Chattel MORTGAGE (NEW FORM) Interest, Insurance and Tax Clause JOHN SMITH TO PAID STATE MICHIGAN. SUGAR BEETS HAVE PAID OFF MANY A MORTGAGE! "Sugar Beets are the one crop that has paid off more farm mortgages than any other crop grown in the State, taken as a whole." "Perhaps some will not agree with me on this. But please just think back a few years and you will remember that the beet crop was the life saver to many farmers when we were selling hogs at \$3.00 per Cwt., and corn at 25c per Cwt." Felix Witt Jasper, Michigan. Sugar Beets have been the farmers' best money maker during the last five years. No matter how many you grow, it does not affect the price. For bigger profits every farmer should put some definite acreage in Sugar Beets every year and start this plan in 1937. Farmers & Manufacturers Beet Sugar Association, Saginaw, Michigan. For Reliable Year in and Year out Profits YOU CAN'T BEAT SUGAR BEETS



### FEED PROGRAM OF REMARKABLE HERD

75 Cows in the Overbrook Herd Average 16,000 Lbs. Milk For 3 Years

A remarkable milk and butterfat production record made by a herd of 75 cows at the Overbrook Dairy at Cedar Grove, N. J., is even more interesting because of the comments of Superintendent Mark Keeney regarding the feeding program.

The herd of 75 cows has completed a year in which they averaged 16,184 lbs. of milk, 532.6 lbs. of butterfat. This is the third year the large herd has averaged more than 500 lbs. of butterfat and 16,000 lbs. of milk. It's a record for any herd of any breed that approaches this one in size.

Overbrook Dairy is owned by the Essex County, N. J., Hospital. Regarding the feeding program, Sup't Keeney said:

"Here at Overbrook we have come to use a very simple feeding program. Since we have only enough land to grow our own corn for silage, all other feeds must be purchased. For the milking dairy we feed alfalfa hay, and for the young stock a mixed clover hay. Both classes are fed all the hay they will clean up readily. Silage is fed throughout the year. For the milking and dry cows it is supplemented with a limited feed of beet pulp.

"We use only one grain mixture in our dairy, feeding it to all groups, milking cows, dry cows, young stock, calves and bulls. It would likely be classified as a fitting ration among branded feeds. The formula is:  
1,200 lbs. ground oats  
1,000 lbs. wheat bran  
800 lbs. yellow hominy  
500 lbs. linseed oil meal  
400 lbs. dried brewers' grains  
400 lbs. Manamar  
45 lbs. salt

4,345 lbs. total  
"This grain mixture runs from 16 to 17% crude protein and is fed to milking cows at rate of 1 lb. of grain to each 4.5 lbs. of milk, with maximum limits of 18 lbs. a day for mature cows and 13 lbs. for two-year-old heifers, no matter how high they go in production. Our highest producers get about a pound of grain for each 5 lbs. of milk."

### Lapeer 4-H Service Club Gets Around

Lapeer county has a 4-H Service Club of 32 members. They have accomplished outstanding 4-H work, and are much interested in the 4-H club buildings under construction at Ann Arbor Park at Lapeer. At their annual round-up April 2 they were to visit the Lapeer broadcasting station, Bostwick Lumber, Wood Products Co., and Walker-Lubin greenhouses. Seventeen of the group are Junior Farm Bureau members. Kenneth Anderson is district 4-H club agent.

### Get Farm Power Line Extension at Marcellus

Michigan State Farm Bureau Lansing, Michigan  
Gentlemen:  
Our farm power line was O.K.'d by the Public Utilities Commission less than a month ago and is now under construction. We are so pleased and so thankful for your co-operation through the Farm Bureau.

So many, R.E.A. workers, Dowagiac city officials and others kept telling my customers on this extension that we wouldn't get this extension. If it was o.k.'d it would be five years before (they) Michigan Gas and Electric Company would set the first pole.

But as chairman of this line extension, west of Marcellus, into Volinia, Cass county, I never gave up. Through the efforts of Mr. Wade Edmunds, Dowagiac, Michigan, Manager of Michigan Gas and Electric, (District) yourself, Einar Ungren, publisher of Farm News, representing the Farm Bureau, and myself as chairman of the 3 1/4 mile extension in Cass County, Michigan, our line is now under construction. We secured the line on the "Michigan Plan."

Sincerely,  
MRS. ELVARO CROPSEY  
Marcellus, Michigan  
March 1, 1937

At the Mason County Farm Bureau Oil Co. at Scottville, Herbert Peters has taken over the tank wagon route formerly operated by Harry Rigel.

### FOR EARLY PLANT OF SUGAR BEETS

Well Prepared Seed Bed Also Important Factor for Good Crop

Saginaw—Sugar beet planting time is near at hand. M. J. Buschlen, assistant agricultural supervisor of the Farmers and Manufacturers Beet Sugar Association, said March 31:

"Machinery which needs repairing or adjustment should be repaired these days when it is impossible to get into the fields. Now is the time to clean and repair the beet drill. A drill that is not working properly will not plant the proper amount of seed. A crop is never harvested from seed that is never put into the ground."

**Early Planting**  
"In the case of sugar beets we have a vast amount of experimental and practical data in support of the contention that early planting is desirable. It should be the aim of every sugar beet grower to have the seed bed fitted as early as possible and the planting should be done just as soon as the soil temperature is sufficiently high to germinate the seed.

"In the case of growers with large acreages we suggest that two seedings, about ten days apart, be made. This spreads the work and facilities that hand labor operation by reason of the fact that the entire acreage does not demand thinning at the same

time.  
"Under normal conditions it has been found desirable to plant sugar beet seed in Michigan, Ohio and Indiana between April 20 and May 10. It should be noted however that the gains made as a result of early seeding never compensate for a poorly prepared seed bed. The first requirement of a good beet crop is a well prepared seed bed."

### Barry Farm Bureau Gains 60 New Members

Hastings—Barry County Farm Bureau members increased their group by sixty farm families March 17 and 18 when groups of members from the east side of the county came over to the west side one day with invitations to membership. The west side reciprocated the next day. The two groups expected to add 100 members when they have completed their canvass.

Bernard Peck of Dowling and Frank Ferris of Hastings took first and second places by each getting eighteen new members. Other winners were Eli Lindsey, Delton third; Charles Woodruff, fourth; Ralph DeVine, Nashville, fifth; Russell Smith, Vermontville, sixth; John Killick, Doster, seventh.

Five cubic yards of sugar beet plant lime refuse equals about 2 tons of ground limestone in the field. The beet lime contains about 1,000 to 1,100 lbs. of lime per ton.

### Ravenna Butter Co. Holds Spring Meeting

The Ravenna Inc. Butter Co. held its annual entertainment and business show at Ravenna, March 23, with the Farm Bureau Services at Lansing co-operating. About 400 attended the all day program.  
Carl Johnson of the Bethlehem Steel Company presented a full length talking motion picture on the manufacture of steel, from the ore to finished woven wire, barb wire, and nails. Wm. Haas presented exhibits from the Hudson Barn Equipment Co., and Carl Marshall had a display of Westinghouse home and farm electrical appliances for the Farm Bureau Services. The Ravenna Butter

Co. had a display of harness and feeds. Harry Coombs discussed Farm Bureau fertilizer.  
County Agr'l Agent Carl Knopf was chairman of the general program. Wesley Hawley spoke of the co-operative relationships between farmers, the local ass'n's and the Farm Bureau. Entertainment features were presented by the Kennedy Kids, Wm. Hanna, Sr., a trio—C. Oudsema, M. Lachmann, I. C. Pierson, with Helen Linck, accompanist. Instrumental numbers by a trio—Ray Garrow, J. B. Irwin and M. Hosmer. Vocal numbers by Royce Lambson and daughter, and by Agatha Linck. Mrs. Howard Christianson and son Cyril presented a playlet.

A coyote can run 40 miles an hour.

**GENUINE Fire Insurance Protection**  
is well worth your money when you insure in Michigan's largest farm mutual fire insurance company.

We have assets and resources of nearly \$250,000.00, over half of which is in cash, Government Bonds and bonds guaranteed by the U. S. Government. This company has paid farmers in Michigan over \$5,316,917.00 in losses since organization. All losses are satisfactorily adjusted and promptly paid.

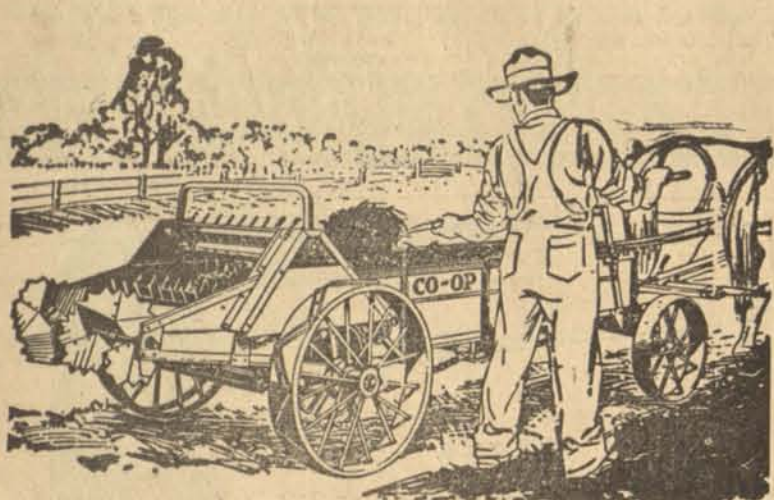
A penny postcard will bring you information without obligation. Write today. Don't delay.

**State Mutual Fire Insurance Co. of Michigan**  
W. V. Burras, Pres. 702 Church St., Flint, Mich. H. K. Fisk, Sec'y

Don't Just Buy Insurance—Buy Protection!

# FARM BUREAU MACHINERY AND HARNESS

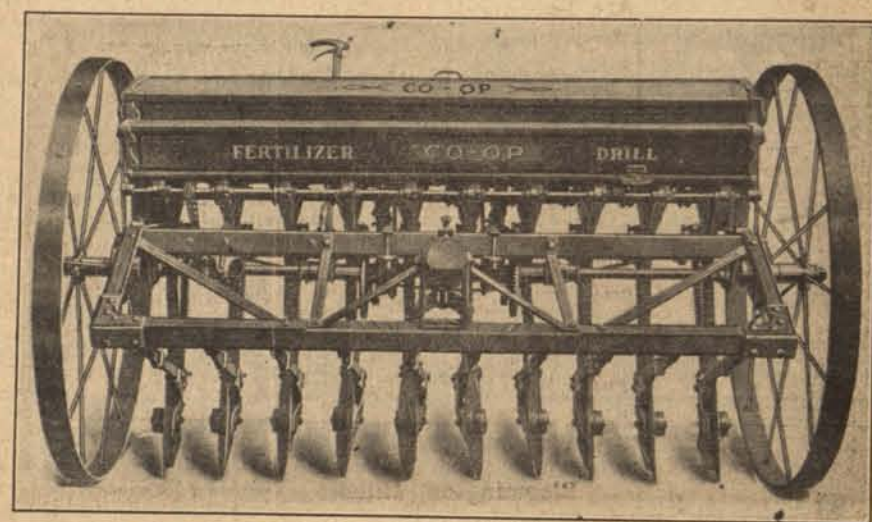
Greater Values, Extra Strong, and Designed for Efficiency and Long Service



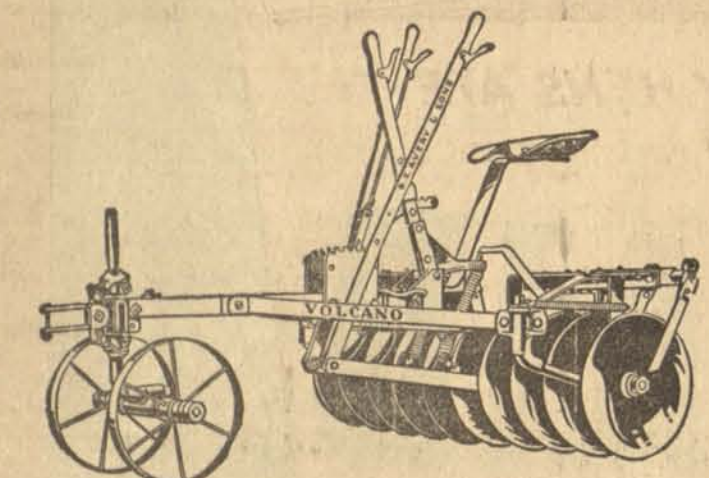
**Co-op Manure Spreader**  
Three Feet High, Easy to Load, Easily Pulled



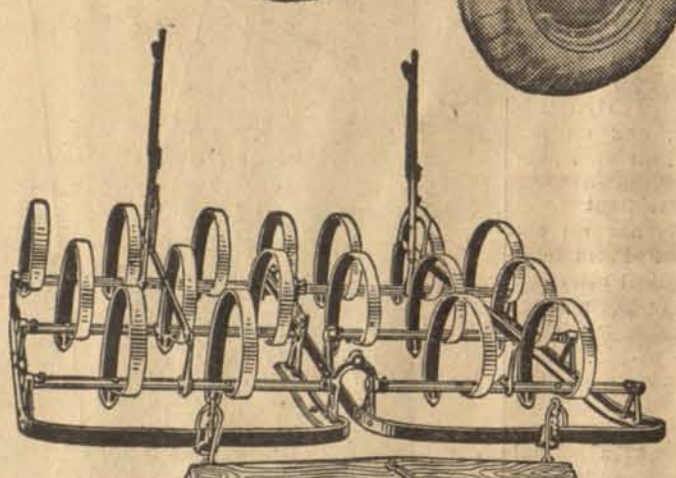
**Co-op Tractor**  
Two or Three Plow Tractor . . . Available With Power Take-off



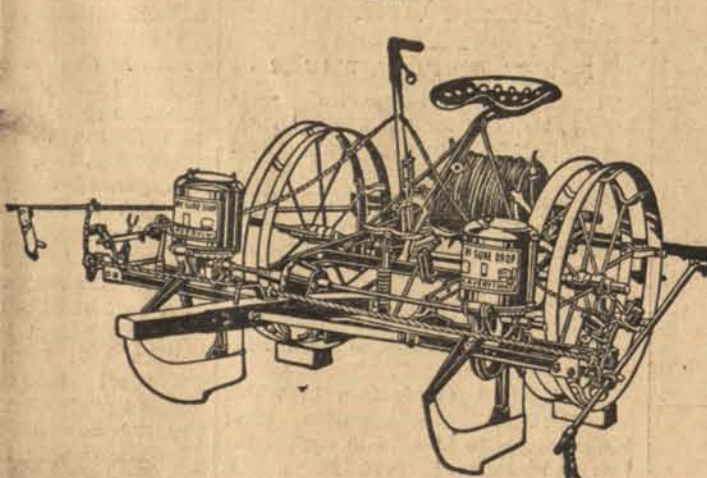
**Co-op Combined Fertilizer & Grain Drill**  
Our Combination Disc & Hoe Shoe Avoids Clogging—Drills Perfectly Places the Seed Where You Want It



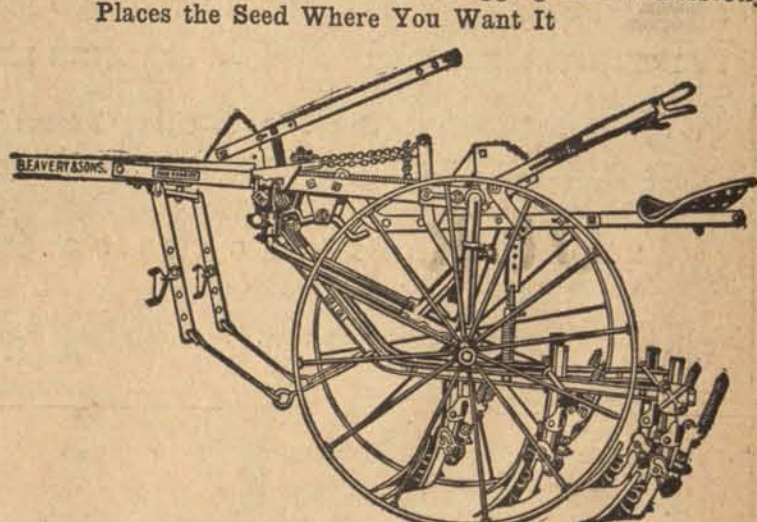
**Volcano Disc Harrow**  
Perfect Disc Control, Lubrication, and Easy Draft



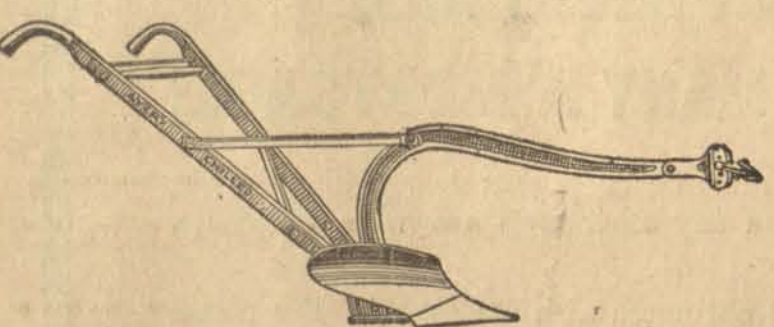
**Spring Tooth Harrow**  
Built for Wear; Sets for Use With Tractor



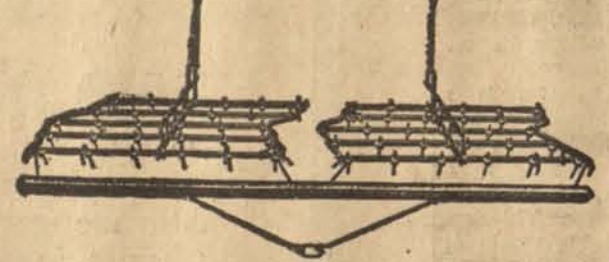
**Sure Drop Planter**  
Light, Strong, Positive Hill Planter With or Without Fertilizer Attachment



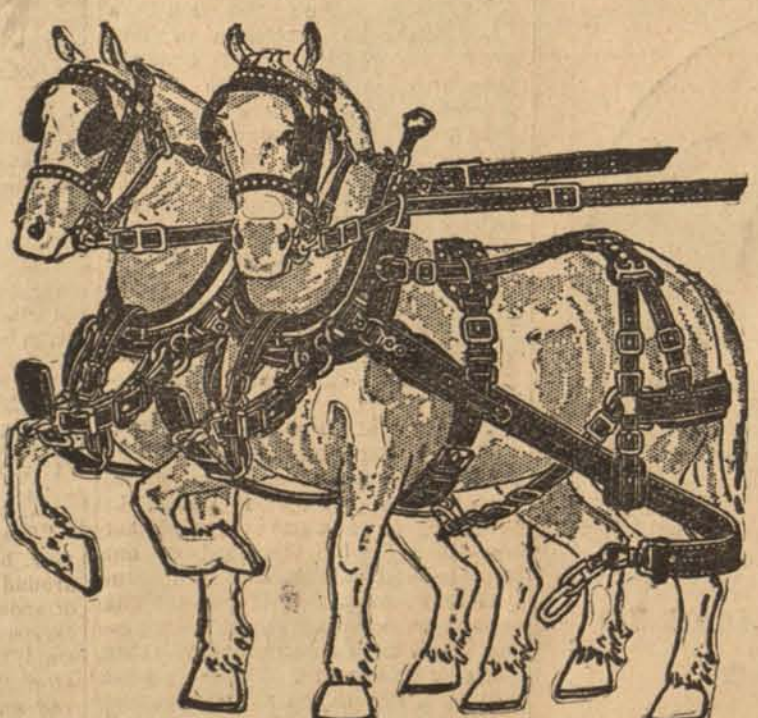
**Jack Rabbit Cultivator**  
All Purpose, All Crop, Easy Handling Cultivator



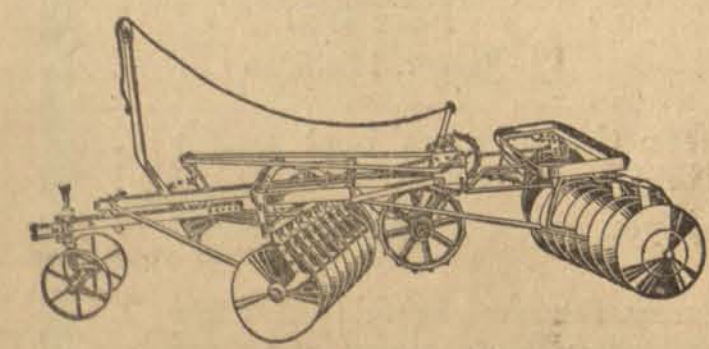
**Walking Plow**  
Sturdily Made; Extra Shares Fit Exactly



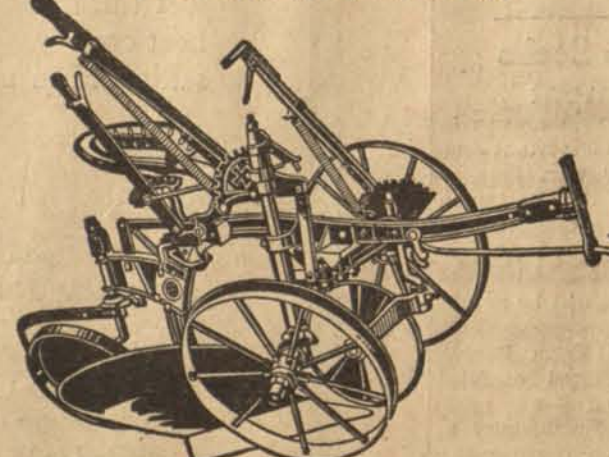
**Guard Rail Harrow**  
Special Steel and Made to Last



**Farm Bureau Harnesses**  
All leather . . . From No. 1 Selected Steer Hides; Best Workmanship; Extra strong for long wear; New Rust-Resisting Hardware.



**Automatic Tractor Disc**  
Gangs Can't Work Loose; Discs Won't Clog



**New Torpedo Sulky Plow**  
Quick Detachable Share; Uses Any Style Bottom

**MAIL THIS COUPON For Free Booklet**

Each booklet illustrates the machine or implement. It describes the features that make it extra strong, long wearing, and convenient.

- Fertilizer & Grain Drill
- Volcano Disc Harrow
- Tractor Disc Harrow
- Tractor Plow
- Torpedo Sulky Plow
- Walking Plow
- Sure Drop Corn Planter
- Jack Rabbit Cultivator
- Co-op Manure Spreader
- Guard Rail Spike Tooth Harrow
- Spring Tooth Harrow
- Pull-Cut Mower (New)
- Champion Grain Binder
- Champion Side Delivery Rake
- Champion Hay Loader
- Co-op Tractor
- Farm Bureau Harness

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MAIL TO Farm Bureau Services, Inc., 221 No. Cedar St., Lansing, Mich.

You must see these implements and others of our complete line to appreciate them—  
Displays at Bay City, Hart, Hastings, Imlay City, Lapeer, Lansing, Pinconning  
Saginaw, Woodland Farm Bureau Stores and at nearly all Co-op Ass'ns  
FARM BUREAU SERVICES, INC., LANSING, MICHIGAN



to be sure that your baby chicks are never deficient in calcium, keep pilot brand oyster shell—chick size—where they may get it, as needed.



Farm Bureau Aids Potato Growers Mr. C. L. Brody, Sec'y Michigan State Farm Bureau Dear Mr. Brody: Permit me to extend our thanks and appreciation on behalf of the Exchange and its affiliated associations for the valuable service of Mr. Wayne Newton at the hearing before the agricultural committee of the Senate yesterday on the bill to amend the present potato grades.



Dogs are harrying deer in Newaygo county. Lamb prices are expected to be higher this spring than last.

SOUND PROTECTION

Automobile Life Fire Policies The most careful driver may find himself involved in an accident. A suit for damages may ruin him. Why carry such great risk yourself when the State Farm Mutual provides adequate public liability and property damage insurance at very reasonable rates?

STATE FARM INSURANCE CO'S.

Bloomington, Illinois MICHIGAN STATE FARM BUREAU, State Agent, Lansing

Never Got That \$50

Doctor at Chase Planned on Moving When He'd Saved That Much - - Still There 57 Years Later

Some years ago we knew Charley Angell as a newspaperman of ability on the Capital News at Lansing. The paper is long since deceased, and Charley moved on with its passing. In the eastern part of Lake county is a village called Chase. It's a town that's seen better days. We've been through it often, and it isn't much to look at—unless you love it.

When Dr. G. T. Field came to this village 57 years ago, wrote Charley, he made a mental vow that he would stay until he got \$50. In the interval he has officiated at the reception of more than 4,000 newcomers into the world. . . . at 81 he still practices medicine, but the rides no woody trails at night. One reason is that saws ate up the woods a long time ago; the other is that he doesn't feel quite up to it now.

Dr. Fields was born in Ontario near Niagara Falls, October 19, 1855. In 1878 he was graduated from the Homeopathic Hospital college in Cleveland, and was awarded a gold medal for proficiency in his studies. For a time he worked in the office of the Lake Shore railroad surgeon at Cleveland. He was sent with other doctors to the famous Ashtabula, Ohio, railroad wreck nearly 60 years ago when a passenger train went through a bridge on a raw, winter day.

At this point William Hermes, printer for the Farm Bureau, came in and saw the newspaper photograph of the old doctor. "When I was a snappy young fellow," said Bill "I had a seal skin cap like that. Cost me \$20. I had it a week; somebody stole it at the Downey House at Lansing at a dinner in honor of R. E. Olds."

Until We Get \$50 "I thought I would do better to come to Chase. It looked like a mighty good thing. Of course, I didn't intend to become a permanent resident. I made up my mind I would stay here only until I got \$50. "Well, there wasn't so much to the doctoring business, and as I had to do something, I tried to make folks believe I was a lumberjack. I was pretty much of a false alarm at that. "One day a chap came running up to where I was working. He was almost out of breath. "Where can I find Dr. Field?" he asked. "I was pretty much ashamed of being a doctor and was on the point of telling him I didn't know Dr. Field. "There's a woman dying near Bond's Mill," he gasped. "Well, I couldn't turn a deaf ear, so I told him I was the doctor and we started running to the mill, about a mile away. "In a rude dwelling was a new baby, and a mother in an uncongenial condition. The midwife in charge had met with unexpected complications, which, to a physician, were not of a serious sort. "The Turning Point "I got a good reputation for having saved that woman from death, and it helped me in building up a practice. "With what I earned by working around the mills, and what my wife earned by teaching music and dressmaking, we built a shanty. "There was considerable business. Men were injured in the mills, and lumber woods, and even in fights, for there were several saloons in the district. "In all the more than 4,000 births he attended, "twins were the best we had. Lots of times I attended three cases within 24 hours, and once two at the same time. "In 1918 at the time of the influenza epidemic he attended more than 500 cases and reports with pride that he didn't lose a patient. "The Fields raised a family of four children. One of the daughters is a teacher in the Hoguolu schools; another daughter resides in Duluth, and sons live at Denver, Colo., and Detroit.

At this point William Hermes, printer for the Farm Bureau, came in and saw the newspaper photograph of the old doctor. "When I was a snappy young fellow," said Bill "I had a seal skin cap like that. Cost me \$20. I had it a week; somebody stole it at the Downey House at Lansing at a dinner in honor of R. E. Olds."

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Organize Hartford Keeler Community Group

Hartford—Van Buren county has another Community Farm Bureau, the Hartford-Keeler Townships group, which held its organization meeting at the home of Mr. and Mrs. Walter Conklin, March 26. Thirty-seven present elected Mr. A. J. Dowd of Hartford permanent chairman, and Mrs. Walter Conklin, secretary. There was an interesting discussion regarding the advantages of farm life.

Hartford township with 50 odd Farm Bureau members and Paw Paw with 77 are in a membership contest. One of them mentioned something about showing the other up. In their first brush recently, Hartford chalked up 18 additions, and Paw Paw said 18 and raise you four more to 22. Hartford-Keeler group meets again the last of April at the Hartford town hall.

Michigan has produced more than 67 million barrels of crude oil.

AM I GLAD I BOUGHT 'GOOD LUCK' CHICKS NEUHAUSER'S 'GOOD LUCK' BABY CHICKS NEUHAUSER CHICK HATCHERIES Box 163 Napoleon, Ohio Eastern Plant at Martinsburg, W. Va. \$500.00 IN CASH PRIZES WRITE FOR DETAILS

Calhoun Bureau Picks Earl Johnson

Marshall—Earl Johnson of Emmett township is president of the Calhoun County Farm Bureau for 1937. Ray Flanders of Newton twp., is vice-president, and Elmer E. Ball of Albion will add another year to his long record as secretary and treasurer. President Frank Martin was not a candidate for re-election. The officers were elected at the recent meeting of the new board of directors.

Early in March 176 attended the annual meeting of members at the Brookside Memorial church at Battle Creek. Dinner, entertainment, and an address by R. Wayne Newton on legislation at Lansing and rural electrification in Michigan constituted the program.

Directors elected for 1937 were: Earl Johnson, Ray Flanders, Elmer Ball, Robert Sackett, and C. A. Gleason.

Elkton Farm Banquet

The annual farmers and merchants banquet and program at Elkton, Huron county, will be at the high school, Tuesday, April 27 at 7 p. m. It will be quite an event, according to Chairman D. N. Prottman, manager of the Elkton Farm Produce Co.

BIG HUSKY CHICKS

U. S. APPROVED AND MICHIGAN bonded White Leghorn Chicks. 100% bloodtested for Pullorum disease. Large size stock for larger profits. Pullets and sexed chicks if desired. Send for descriptive price list.

WINSTON HATCHERY Zeeland, Box B-7, Michigan

Protect Your Baby Chicks!

Buy a CO-OP Oil Burning Brooder With a Co-op Brooder Your Chicks are safe - So is your investment.

Do not gamble with an obsolete brooder—get a dependable time tested Co-op Unit. No temperature variations—Modern Co-op Burner Unit reduces operating cost to a minimum. Let us show you the up-to-date 1937 model. A size to fit every need. Our standard Co-op Brooder is shown—500 chick size. Ask us about Co-op Brooders—Fountains—Nests—Ventilation, and all poultry and barn equipment.

BUY NOW AT THESE FARM BUREAU STORES Bay City Hartings Hartford Inlay City Lansing Lapeer Port Huron Mt. Pleasant Pinconning Saginaw Traverse City

Great Northern Hatchery

BLOOD TESTED CHICKS Guarantee big type chicks. All chicks shipped on exact date ordered. 100% live arrival is guaranteed. SHIPMENT APRIL 12-19-26-MAY 3

MY HENS 'ATE THEIR HEADS OFF' - STILL THEY DIDN'T LAY! Illustration of a man and a woman talking about chickens.

These Dealers Mix NOPCO XX for 'Profit-Production' YOUR FEED'S O.K. TOM, BUT IT HASN'T ENOUGH VITAMIN D I KNOW, BUT LAYING HENS REQUIRE MORE VITAMIN D - THEY NEED A 'PROFIT-PRODUCTION' LEVEL

REA FOR MICHIGAN OPERATING FROM UTILITIES COMM.

Engineering and Legal Staff Organizing; Survey Counties

The Rural Electrification Administration, as it will be in Michigan, has taken quarters in the offices of the Michigan Public Utilities Commission at Lansing.

A considerable field, engineering and legal staff appears to be in the making, with Mr. C. O. Falkenwald, formerly of the Washington Rural Electrification Administration staff, acting in an advisory capacity. According to Mr. Falkenwald, the REA, as now being set up for Michigan, will have its own legal and engineering staff at Lansing. The field staff is now holding county meetings to determine county-wide interest in rural co-operatives for the purpose of building electric lines and distributing power, and perhaps manufacturing power where that may be necessary in the opinion of the REA.

The REA will endeavor to set up a rural electrification program for an entire county at a time, or as much of it as can be had, according to farmer interest in areas without service. It is considered, according to Mr. Falkenwald, that such large area units will be able to operate at the rate of an average of three customers per mile of line, and with a monthly revenue of \$7.50 per month per mile of line, and pay off the cost of the line as well in a 20 year period. That would be at the rate of \$2.50 per customer per month, minimum bill.

Mr. Falkenwald is of the opinion that a special type of rural line and competitive bidding for its construction, together with an average interest rate of 2 1/2% on money borrowed from the REA will bring about a total line expense that will be carried by a monthly revenue of \$7.50 per mile of rural line. Farmers in the proposed rural electrical co-operatives can do much to determine their own line costs, said Mr. Falkenwald. If they want transmission lines along the highway where tree trimming and other construction costs have to be considered, the cost of those lines will be higher, he said.

Metropolitan New York needs 10 million tons of food annually. A good orchard fertilizer contains readily available nitrogen.

Top Dress Wheat



G.N. GRANTHAM

We have had some reports from various sections of the state that the wheat and rye are not looking as well as they should. We mentioned this in a letter to Mr. George Grantham, associate professor of soils of Michigan State College. He wrote us:

"In regard to your letter asking about topdressing for wheat this spring, as the wheat and rye look now at the present time and still the critical period is yet to come, it seems to me that a topdressing used in the right way should be well worth the expense. Sands, sandy loams and loam soils usually give good response to these topdressings. "Most any form of nitrogen carrier may be used. The rate should be around 100 lbs. per acre of nitrate of soda or its equivalent in the other carriers. With the exception of Cyanamid, the application should be made after the frost is out of the ground and when the crop has begun to show signs of spring growth. Cyanamid can be applied earlier than this. These materials can be applied through the fertilizer attachment on the grain drill. It is best to apply at a time when the plants are dry so as to eliminate any chance of burning. It is not necessary to put these materials into the soil. It will be leached in by rainfall if placed upon the surface of the soil."

See Steel Picture

Pentwater—One hundred persons came to the recent Weare Community Farm Bureau meeting at which Carl Johnson of the Bethlehem Steel Company showed a full length talking picture on the manufacture of steel and farm fence. Members of President Fred LaPorte's family furnished the music for dancing.

AT YOUR SERVICE FIFTY YEARS AGO the telephone in Michigan was a laboratory curiosity. Today it is the instrument of a tremendously valuable, widespread public service. This development represents the practical working out of the vision of the telephone pioneers. Their avowed goal was—the best possible service at the lowest cost consistent with financial safety. For half a century that policy has guided the telephone's destiny. It motivated every improvement and expansion; it was behind all the many reductions in rates. And that far-sighted policy applies just as strictly today as it did two generations ago.

MICHIGAN BELL TELEPHONE CO.



Ten Miles of Fence

Allen F. Rusie says that for the E. F. Fisher Farms herd of purebred Herefords they have bought during the past two years ten miles of Farm Bureau fence for their pastures, and an average of 1 1/2 cartloads of fertilizers each of the past three years to raise feed for them.

10% more corn for 2 1/2¢ AN ACRE



This year you may be forced to plant mediocre seed corn, for good seed is scarce. So remember this! Treating seed with New Improved SEMESAN JR. is one way to make it produce a better yield!

In 51 tests this new ethyl mercury phosphate dust has produced yield increases that average 10%, or more than 3 1/2 bushels an acre! And at a cost of only 2 1/2¢ an acre! Results like this are possible because New Improved SEMESAN JR. checks rotting of seed, improves stands and reduces losses from seed-borne rots of root and stalk. 4-oz., 50¢; 1-lb., \$1.50; 5-lbs., \$7.00. Ask for the new Corn Pamphlet—It's free.

TREAT SEED EVERY YEAR -IT PAYS

BUY FROM YOUR FARM BUREAU DEALER

And save postage. Or buy from us cash with order. 4-oz. can 35¢; 1-lb. can \$1; 5-lb. can \$4.75. PLUS parcel post at 10¢ per lb.

FARM BUREAU SERVICES, Inc. 221 N. Cedar Lansing, Mich.

400 FAMILIES JOIN BERRIEN CO. FARM BUREAU IN 2 DAYS

Hundred Members Invite New Membership Around 13 Co-ops

Benton Harbor—One hundred or more Berrien County Farm Bureau members set a mark March 23 and 24 when they enrolled 400 additional farm families in the organization. The Berrien Farm Bureau now has a membership of around 700 families.

The volunteer membership workers worked under the direction of 13 community chairmen, who concentrated their efforts around 13 Berrien county farmers co-operative ass'ns which are co-operating with the Farm Bureau. George C. Schultz, county representative for the State Farm Bureau, served as county chairman.

Sold on Record of Performance Mr. Schultz and his volunteer staff made a thorough job of their membership campaign. Their purpose was to sell Farm Bureau memberships on the organization's record of service in legislation, taxation, business service and other fields. They selected a large group of prospective members, to whom they mailed letters and other literature concerning the work and program of the Farm Bureau. They called farmers meetings at Benton Harbor and Buchanan March 15 and 17, at each of which several hundred

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persons heard James Bliss and J. F. Yaeger of the State Farm Bureau organization department.

Then on March 23 and 24, they went out to make personal calls upon these neighbors and others and invite them into the organization. The 13 community chairmen and their assistants rallied the volunteer workers, with County Chairman Schultz in the ranks, and they went. The second night they met for supper and entertainment and counted 400 new members. It was announced that they will be organized into community groups for discussion, entertainment, business and social purposes.

Expecting More Chairman Schultz in thanking the community chairmen and the individual workers for their splendid work, said that the campaign demonstrated the good will enjoyed by the Farm Bureau and its program, and that there will be a further increase in the Berrien membership as personal calls are made upon prospects who could not be seen March 23 and 24.

Record performances by membership workers included: F. J. Thar of Coloma; called on 26 families and enrolled 24; Reuben Washburn signed 12 members in one day; James L. Adams 10, J. W. Kinney 10 in one day and 17 in two days; Robert Camp enrolled 16; Doane Straub and H. D. Roberts brought in 20 members; Robert Koenigschoff, bookkeeper at the Buchanan Co-ops, had ten take out memberships at his window.

The Community Chairmen The community chairmen and their assistants:

- J. Thar, Reuben Washburn, Wm. Anderson, Arthur Brillwitz, Clyde Boyle, Geo. Schafer, Russel File, Robt. Koenigschoff, H. D. Roberts, B. W. Keith, John Hocker, J. L. Adams, Chas. Yates, A. W. Reidel, J. W. Kinney, Robert Camp, Clarence Crisp, Doane Straub, Ray Thomas, Earl Steemie

HILLSDALE COUNTY FARM BUREAU HAS ENDURING RECORD

Half a Dozen Lasting Farm Improvements Credited To Bureau

By MRS. W. R. LAWRENCE The Farm Bureau in Hillsdale County had its beginning in April of 1920. At that time the membership was 1,850 and it continued to grow until at the end of the first year there were 2,118.

With Dr. A. Z. Nichols as president, the Farm Bureau was instrumental in bringing Hillsdale county the first county agricultural agent, J. W. Simms, and contributed funds for his salary.

Another very important service for the farmers of the county was the sponsoring, in co-operation with Michigan State College, a dairy-alfalfa campaign resulting in a great increase of the yearly seeding of alfalfa and

total acreage. The introduction of improved seed, both cereal grains and alfalfa, clovers and potatoes has meant much to farmers.

An increase in pure bred sires in all dairy breeds and the organization of several cow testing associations are a credit to the early County Farm Bureau organization. Also, we must recognize that it was through the efforts of Farm Bureau that the county was the first in the United States to become an accredited bovine tuberculosis-free county. Five co-operative associations were organized and have become outstanding in the farm business of the county.

In 1920-1921 the county pooled 13,639 pounds of wool with the Michigan State Farm Bureau in the first wool pool. One member, H. G. Wells, has pooled his wool continuously since and reports that a net profit of three cents per pound above local prices has been realized by him.

The County Farm Bureau took the initiative in fostering 4-H Club work and appropriated funds towards salary of first club leader, R. J. Turner. L. H. Matthias followed, and the present leader, Blair Woodman, has each carried on the work.

It is surprising that with all these to its credit that an organization should have a decline in membership. Nine members have been with the Hillsdale County Farm Bureau since its beginning: Seward Green, Vern Brown and Son, Ralph Bach, Lewis Hergert, J. D. Knowles, B. A. Laser and Sons, H. G. Wells, Ivan Maystead and Elmer Cheney.

In 1935 an active membership drive in the county revived the interest and the recent activities have helped to bring the present membership to nearly two hundred. At the annual meeting in November the following officers were elected: President, Ralph Bach; Sec'y and treasurer, J. D. Hawks; directors: J. L. Post, Arthur Wells, Mrs. W. A. Lawrence.

Van der Meulen Heads Missaukee Farm Bureau

Falmouth—Officers of the Missaukee County Farm Bureau for 1937 are: Fred Van der Meulen, president; B. E. Shetenhelm, vice-president; Mrs. Delma Ardis, sec'y-treasurer. Other directors are: Mrs. Neva King, and Albert Elsing.

At the annual meeting the County Farm Bureau and the County Agr'l Agent H. L. Barnum arranged for a series of 13 meetings in the townships to discuss the soil conservation act program for 1937.

WOOL POOL ASS'NS BUSY IN COUNTIES; EXPECT BIG YEAR

To Assemble Fleeces Locally For Shipment to State Pool

Now that the shearing season is in full swing in most sections of Michigan, leading wool growers are taking an active part in promoting co-operative wool marketing in their communities. In several counties wool producers' Associations to promote wool pooling. They are perfecting plans for the convenient and effective assembling of fleeces for consignment to the Michigan Co-operative Wool Marketing Association.

The recent enthusiastic state-wide wool pool meeting climaxed a series of 10 unusually well attended County Wool Producers' Association annual meetings. At these county gatherings leading growers gathered to discuss their problems and listen to informative talks by county agricultural agents, extension specialists from the animal husbandry and economics departments of the Michigan State College and Stanley M. Powell, field representative of the Michigan Co-operative Wool Marketing Association.

The meetings help wool growers to keep abreast of the latest developments for more profitable sheep and wool production and inform them on market trends and the outlook for future prices. They serve as the connecting link between wool growers and the Michigan Co-operative Wool Marketing Association and also are of value in connection with any problems of concern to the sheep men of the county.

At each of these meetings an election of directors was held. In most counties the directors have since met and have organized for future activities. County Wool Producers' Association Boards as now constituted are as follows:

BARRY COUNTY WOOL PRODUCERS' ASSOCIATION R. G. Brumm, Nashville, R-1 H. W. Aldrich, Delton Royal A. Woodruff, Hastings, R-4 Chas. Woodruff, Hastings, R-2

BRANCH COUNTY WOOL PRODUCERS' ASSOCIATION Pres., L. M. Rogers, Union City, R-2 Vice-Pres., L. Dean Steffy Sec.-Treas., Elmer Dobson, Coldwater, R-1 W. C. Kempster, Coldwater, R-3 Elton Bertram, Coldwater, R-3 Harry Gowdy, Quincy

CALHOUN CO. WOOL PRODUCERS' ASSOCIATION Pres., Fred Kinney, Jr., Concord Vice-Pres., Geo. Hicks, Battle Creek, R-3 Sec.-Treas., R. L. Helm, County Agent Federal Building, Marshall Directors: E. L. McGintie, Homer Wm. Fross, Albia, R-4 Victor Joslyn, Battle Creek, R-6 A. C. Behling, Albion, R-1

CASS COUNTY WOOL PRODUCERS' ASSOCIATION Pres., J. C. Burgener, Cassopolis, R-6 Vice-Pres., Minah Hunter, Dowagiac, R-3 Sec.-Treas., Geo. McIntyre, County Agent Court House, Cassopolis Directors: Roffe L. Wells, Dowagiac, R-1 Sam Thomson, Niles, R-1 O. V. Hicks, Edwardsburg Carl Morse, Marcellus Ray Bickel, Constantine, R-2 Otto Poehlman, Cassopolis, R-6 H. L. Jerus, Dowagiac, R-1

CLINTON COUNTY WOOL PRODUCERS' ASSOCIATION Pres., Vern Hand, St. Johns, R-5 Vice-Pres., Harry Ballinger, St. Johns, R-6 Sec.-Treas., Floyd Anderson, St. Johns, R-1 Directors: Howard Barton, Lansing, R-6 Arthur J. Gage, St. Johns, R-6 J. E. Crosby, St. Johns, R-5

EATON COUNTY WOOL PRODUCERS' ASSOCIATION Pres., Forest D. King, Charlotte Sec.-Treas., Chester Smith, Eaton Rapids Directors: W. C. Butterfield, Olivet W. H. C. Shilts, Olivet Geo. M. Upright, Pottsville Ed. Stevens, Vermontville

EMMET COUNTY WOOL PRODUCERS' ASSOCIATION Ellis Schmalzried, Chairman, Levering S. D. Hear, Levering L. E. Howard, Alanson

IONIA COUNTY WOOL PRODUCERS' ASSOCIATION A. J. Chamberlain, Ionia J. A. McDowell, Saranac, R-3 Chas. H. Mattison, Ionia, RFD H. E. Powell, Ionia Roy Kyser, Lowell, R-3

JACKSON CO. WOOL PRODUCERS' ASSOCIATION Sec.-Treas., S. J. Culver, County Agent Federal Building, Jackson, R-4 Directors: W. E. Eckerson, Jackson, R-4 M. J. Allen, Parma F. N. Andrews, Napoleon David Crouch, Grass Lake Fred Harr, Munnith D. M. Teer, Jackson, R-5

KALAMAZOO CO. WOOL PRODUCERS' ASSOCIATION Pres., Niles Hagebush, Climax, R-1 Vice-Pres., Robert Blake, Kalamazoo, R-3 Sec.-Treas., Clair Brown, Kalamazoo, R-9 Directors: J. A. Simpson, Augusta, R-2 H. A. Sheffield, Richland Merle Vosburg, Climax

LAPEER COUNTY WOOL PRODUCERS' ASSOCIATION Pres., Earl S. Ivory, Lapeer, R-1 Vice-Pres., James Porter, Lapeer, R-2 Sec.-Treas., Reid Sisson, Imlay City, R-2 Directors: James Shepherd, Imlay City, R-2 Robert Beattie, Columbiaville Harry Stover, Attica

OAKLAND CO. WOOL PRODUCERS' ASSOCIATION Pres., Joseph H. Pittenger, Milford, R-3 Vice-Pres., L. B. Frank, Rochester, R-1 Sec.-Treas., K. D. Bailey, County Agent Federal Building, Pontiac Directors: Lee S. Noble, Oxford Lucius Lyon, Milford L. E. Garvin, Oxford, R-1 Frank Lessiter, Clarkston

ST. JOSEPH CO. WOOL PRODUCERS' ASSOCIATION Pres., W. H. Munson, Constantine, R-1 Vice-Pres., Howard Bucknell, Centerville Sec.-Treas., Henry Gleason, Three Rivers Directors: Joseph H. Krull, Constantine, R-1 Herman Rice, Sturgis, R-1 S. C. Hagenbuch, Three Rivers

Burton-Carland Local April 13 the Burton-Carland Farm Bureau local of Shilawassee county will hold its monthly potluck dinner at 7 p. m. Hosts will be Mr. and Mrs. Will Herscher.



The National Live Stock Marketing Ass'n, largest co-operative in its field, elected Elmer A. Beamer to be its president at the annual meeting held at Chicago last week. At many of the principal live stock markets of the nation, the state or regional marketing exchanges of the National are the largest handlers of live stock on those markets. President Beamer has been prominent in the affairs of the National for years, and is president of the Michigan Live Stock Exchange.

Shelby Co-op Has Social & Business Meeting

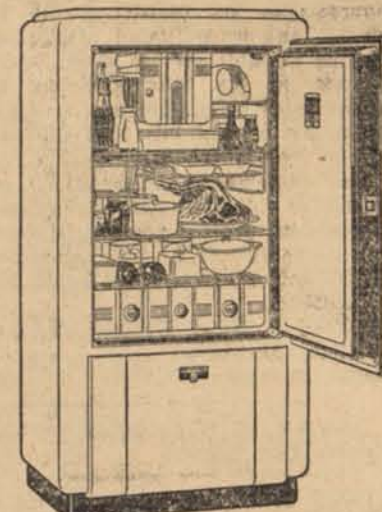
Shelby—Ralph Brown of the Farm Bureau machinery division, Harry Coombs of the fertilizer dept., and Wesley Hawley, organization dept., were speakers at a meeting of Shelby Co-op, Inc., members the last of March. Social aspects of the meeting included vocal and instrumental music by Mr. Taylor, Michael Miginski, Ethel Barrett and Grace Kalland and a piano duet by the Clarke sisters.



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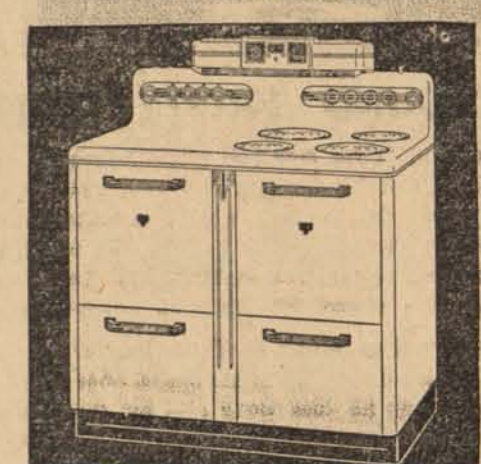
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623 scientific tests . . . in 89 Home Proving Kitchens the world over . . . confirm its amazing laboratory records . . . Rock bottom costs for perfect refrigeration . . . based on actual home conditions with heavy food loads.

Go over the Westinghouse Kitchen Proved results for yourself. See how each refrigerator feature contributes to new usability and economy. More than ever, "IT'S 10 YEAR ECONOMY THAT COUNTS!"

WESTINGHOUSE REFRIGERATORS

SAVE WITH ELECTRICITY



Clean Economical Cool Time-Saving

You will get a new thrill of pleasure with your first glimpse of the smooth, clean lines and the gleaming, modern beauty of the new 1937 Westinghouse Electric Ranges.

But, beauty is "more than skin deep" in these simplified and improved models. They combine, in new and greater measure, those "Kitchen-proved" features experienced users say they like best. Let us tell you how easily you can start at once to enjoy the carefree pleasures of modern electric cooking.

WESTINGHOUSE ELECTRIC RANGES

See Your Nearest Farm Bureau Dealer

8,000 MILES

8,000 miles of rural line have been built by Consumers Power Company to bring the manifold benefits of ELECTRIC SERVICE to some 30,000 farmsteads in Consumers territory. And 3,000 miles of lines connecting nearly 20,000 farms will be constructed during 1937 by this utility alone.

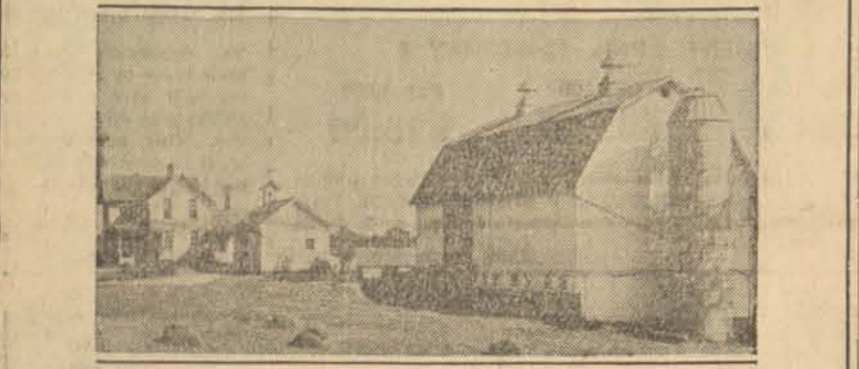
By the end of 1937, MORE THAN HALF OF THE FARMS in the area served by Consumers Power Company will be connected to the Company's vast inter-connected network of generating centers and transmission lines—receiving electric service at rates that are the lowest in history.

RURAL ELECTRIFICATION MARCHES ON—Under the most favorable plan ever offered here for bringing cheap electricity to the farm.

GET THE FACTS—Write or visit our nearest office today. Get our FREE BOOK describing Consumers new rural construction plan. Electricity is one of the farm's biggest bargains. Let us show you the new ways you may profitably turn it to work for you.

CONSUMERS POWER COMPANY

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. It's a job that settles the paint question for many years. Our house paints are a combination of lead, zinc, and inert with pure linseed oil and thinners. Good paint makes the best wearing and the cheapest job.

FARM BUREAU QUICK DRYING 4 HOUR ENAMELS come in 14 colors, including black and white. Brilliant gloss . . . no brush marks . . . washable . . . not expensive . . . and cover well.

OUR PERSIAN GULF RED OXIDE BARN PAINT is bright red and will not fade. We have a fine line of roof paints . . . wall paints . . . aluminum paint . . . and floor paints.

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

Garden Seeds

Farm Bureau's Tested Seeds

ARE BEST VARIETIES FOR MICHIGAN

- Reliable Vigorous Productive Priced Low

Buy at These Farm Bureau Stores

- LAPEER PINCONNING HART IMLAY CITY BAY CITY Main and Henry Sts. SAGINAW 220 Bristol Street LANSING 728 E. Shiawassee St. HARTFORD Gleasons' Elev. Co. MT. PLEASANT Co-operative Elevator TRAVERSE CITY Farmers' Co-op Ass'n PORT HURON Farm Bureau store, Court and 4th Sts.





**St. Joseph Groups Have An Agr'l Commission**

Centerville—St. Joseph County farm groups on March 18 organized a planning committee to work out a program of activities for that county, and to consider as a group various farm problems. The committee members are:

Will Munson of Constantine, president of the Wool Growers Ass'n.  
 Harry Gleason, Three Rivers, president of the Dairy Herd Improvement Ass'n.  
 Vern Schaeffer, Sturgis, master of the Pomona Grange.  
 Clarence Brody, Constantine, secretary of the Constantine Co-operative Creamery.  
 Claude Brewer, Constantine, owner of largest hatchery.  
 Ralph Bordner, Sturgis, chairman of Agricultural Commission.  
 E. A. Gushwa, Sturgis, president of Corn-Hog Ass'n.  
 H. C. Bucknell, Centerville, president of Wheat Ass'n.  
 Lester Schroeder, Centerville, Secretary of the Fair Board.  
 Silas Kline, Athens, president of

the County Farm Bureau.  
 Walter Hall, Centerville, president of Soil Conservation Ass'n.

**Junior Group Puts on WLS Show**

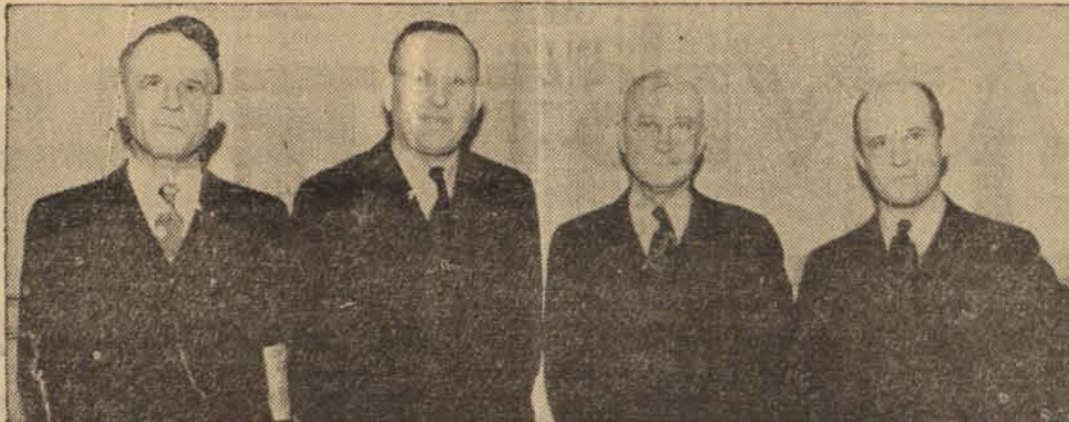
More than 100 Newaygo county people took part in a WLS show put on at Fremont three nights early in March and sponsored by the Newaygo County Junior Farm Bureau. Three complete programs were worked out.

**Farmers Elevator Holds Community Auction**

New Haven—The New Haven Farmers Elevator holds an annual community auction sale. Bad weather interfered on March 20, but the event was well attended and operated all day. Goods are sold for 5% commission, says Manager B. F. Kendrick, and included implements of all kinds, horses and cattle, seeds, potatoes, apples, household goods, dogs, calves, etc.

Cattle prices should average above 1936, and hogs will be higher this summer, predicts the U. S. dept. of agriculture.

**Speaks for 26,000,000 Pounds of Co-op Butter**



OFFICERS OF MID-WEST PRODUCERS CREAMERIES, INC., FOR 1937

H. G. GLICK, Vice-President, Columbus, Ind.  
 O. A. SWANK, Sec'y-Treasurer, Orleans, Ind.  
 C. A. BRODY, President, Constantine, Mich.  
 E. J. RYGER, General Manager, Indianapolis

An organization whose members manufacture and market 26,000,000 lbs. of butter annually is likely to have some pointed ideas on what is good and what is bad for the butter market. When 150 delegates attended the annual meeting of the Mid-West Producers Creameries, Inc., at South Bend about a month ago, nine Michigan co-operative creameries joined those from Indiana, Illinois and Tennessee in these resolutions:

1. "When 300 million dollars of public funds have been spent to eliminate bovine tuberculosis from the United States, this nation should not permit importation of dairy products

from nations whose dairy herds are not free from tuberculosis. By federal law, dairy imports should be limited to products from TB-free herds.  
 2. "When imported dairy products sell in this country and it is noted that the foreign price plus freight and duty exceeds the U. S. price, the situation suggests a bounty or export subsidy by the exporting country. We have laws that will enable the secretary of the treasury to add the amount of such bounties to our present rate of duty.  
 3. "The continued importation of large quantities of cheap fats and oils for manufacture of oleomargarine and

filled milk makes a difficult problem for the dairy farmer. . . To equalize the tax burden paid by dairy farmers and the oleo industry . . . we urge a 5 cent additional federal tax on oleo per pound, and additional state taxes. Filled milk should not be sold to the public for evaporated milk. . . and should be taxed two cents a can."  
 Michigan co-operative creameries in the Mid-West group are located at: Coldwater, Constantine, Carson City, Nashville, Fremont, Grant, Lawrence, Marcellus, and St. Louis.

**Wallace Now Talks From Experience**

Coldwater—W. H. Wallace, manager of the Coldwater Co-operative Co. is a rather scientific sort of a cuss, with a "before and after taking" complex. He doesn't believe all he reads, so he weighed 20 New Hampshire Red chicks the day they were hatched. He fed them Mermash 16% for two weeks and found that they had doubled in weight. To the editor he sent a note about it, concluding, "this seems like a nice showing."

**Say Public Service Co. Limits Rural Line Cost**

Ludington—It is reported that the Michigan Public Service Co., serving rural areas of northwestern Michigan, has made a modification of its application of the Michigan Plan for building rural lines. The company will build a line at its cost where there is an average of 5 customers per mile. The monthly guarantee per customer is based on a revenue to be 1 1/2% per month of the construction cost of the line. We are informed that the company has set \$1,200 as the top cost of a line, and will endeavor to build them for less than that. At \$1,200 the monthly guarantee is \$3.60 for each of 5 customers per mile.

Fur trappers have been enjoying much better prices, the highest since the depression.

**Farm Electrification In Connecticut**

In Connecticut the Farm Bureau has been in conference with the four power companies serving that small state to obtain a uniform plan for making farm line extensions. David Clark, Farm Bureau spokesman, said at a meeting of the power companies with the state utilities commission and the state agr'l college representatives, that such a uniform plan is successful in Vermont and New Hampshire.

**You can eliminate Stunted Calves! Scours!**



**Calf-Manna**  
 1 LB. REPLACES 16 LBS. MILK

**Market Information**

Daily at 12:15



THE FARM MARKET REPORTER GROUP AT WXYZ

LISTEN TO THE FARM MARKET REPORTER sponsored by the Ford dealers of Michigan each market day at 12:15 p. m. over the Michigan Radio Network:

Station	Location	Kilocycles	Station	Location	Kilocycles
WXYZ	Detroit	1240	WFDF	Flint	1310
WELL	Battle Creek	1420	WOOD	Grand Rapids	1270
WJBM	Jackson	1370	WBCM	Bay City	1410
WKZO	Kalamazoo	690	WJIM	Lansing	1210

**PROFITABLE** feeding operations this year will require that live stock be purchased as cheaply as possible. Financed at a reasonable interest rate and when finished sold at the highest market value.

**PURCHASING** The Michigan Live Stock Exchange through its national connections can furnish at cost plus a reasonable handling charge, all grades of feeding lambs, cattle, and calves.

**5% FINANCING** Money at 5% is available for the feeding operations of all worthy feeders who have feed, regardless of where they may purchase their feed.

**SELLING** Complete selling service on the Detroit and Buffalo terminal markets.

For complete information phone or write

**Michigan Live Stock Exchange**

Secretary's Office, Hudson, Mich.  
 Terminal Markets, Detroit, & Producers Co-op at Buffalo, N. Y.



**Removing an . . . Unneeded Restraint**

Congress is debating the Pettengill bill which, in substance, would permit the railroads to compete with intercoastal steamships.

The clause of the Interstate Commerce law which the bill would repeal was perhaps once beneficial, but has become restrictive.

No like prohibition governs the railroads' land, air and water competitors, and none is contemplated for them. It applies to the rails alone, with the original need for it non-existent—imposing a handicap on them while it confers advantages on their competitors.

Repeal of this clause will hurt no one; will make lower rail rates eventually not improbable; will create an additional 100,000 railroad jobs.

Nor will it reduce the ICC's powers; or enable the rails to charge rates that are unreasonable or unduly low so as to eliminate competition, or to raise rates if competition did disappear.

The bill is favored by great bodies of shippers, by trade organizations, by the railroads and railroad labor. It is opposed by steamship interests and coastal industries who would retain unfair advantages over inland competitors.

America's railroads face the most unprecedented competition in their history. Unneeded restraints, like this obsolete clause, should be removed that the lines may better be able reasonably, and legally, to compete.

Michigan, and its railroads, will benefit from the repeal. Support for the Pettengill bill should be asked of the State's delegation in Congress.

**Michigan Railroads Association**

**WOOL DELIVERY TWICE AS HEAVY AS IN MARCH '36**

Receipts Will be Shipped to Boston for Grading and Sale

Wool deliveries to the Michigan Co-operative Wool Marketing Association at Lansing during March, 1937, were nearly twice as heavy as for the corresponding month last year. This indicates that growers have an increasing appreciation of the value of the co-operative plan of wool marketing and are confident that wool price trends are favorable for commitment, said Stanley M. Powell, field representative for the Ass'n.

The wool is being received as in the past at the Farm Bureau Services warehouse, 723 E. Shawwassee Street, Lansing. The rate of cash advance which has been in effect so far this season is 25c per pound on medium wool, 20c per pound on fine wool, and 18c per pound on fed lamb wool. The advance is paid to the grower when the wool is received at the warehouse, Mr. Powell said.

**Grade at Boston**

Owing to the growth of the Farm Bureau Services retail and wholesale business, it will be impossible this year to devote sufficient space in the Lansing warehouse to do the grading which has been done there for the past five years, so arrangements have been made with the National Wool Marketing Corporation at Boston, which is the national sales and service agency for 25 state and regional pools, to store, grade and sell the wool at Boston.

While this new plan will not make it possible for growers to watch the grading of their own clips, it will somewhat reduce the overhead expenses of handling consignments and will make it easier to sell the pooled wool to the best advantage. As fast as the Michigan wool is received at Boston, it will be stored in one of the largest and best wool houses of the city located on the bank of the Neponset River where atmospheric conditions will be favorable to the prevention of shrinkage which is always heavy on wool in a dry atmosphere. When sufficient consignments have been received at Boston from the Michigan Association to make a proper blend, the wool will be graded onto attractive graded piles and left in this condition for the inspection of the buyers.

Those having fleeces to market thru this Association can obtain sacks and shipping tags without charge from their local Wool Pool assembler or from the Association. Assemblers

will be glad to assist in arranging for the delivery of the wool. Wool may be shipped "collect" by truck or freight and the incoming transportation charges will be paid by the Association and deducted from the grower's cash advance. Growers who wish to do so may bring their wool in unsacked and it will be sacked for them at the warehouse without charge.

The Association has just issued two new leaflets explaining its method of handling consignments and giving wool growers much valuable information and those interested in securing this printed material or sacks and shipping tags or having any personal questions regarding sheep and wool production or marketing problems are invited to write to the Michigan Co-operative Wool Marketing Ass'n, 221 N. Cedar Street, Lansing.

**Middleville Co-op Chooses Officers**

Middleville—The Middleville Co-operative association has selected the following officers: President, Albert Wieringa; vice-president, Forest Bender; secretary-manager, Oscar Finkbeiner; directors, Matthew Bedford, Frank Garbow, Leon Potts and Harry Finkbeiner.

The Middleville Co-operative Creamery Co. is installing a milk drying machine. Other improvements include a boiler stoker, a cream cooler and a 400-gallon cream vat.

**A New Peach**

The Rio-Oso-Gem is a new commercial peach announced by the Harrison Nurseries at Berlin, Maryland. It is intended to ripen two weeks later than the Elberta. The new peach is described as a freestone, from 2 1/2 to 3 1/2 inches, deep yellow flesh of fine grain, and a peach of good color and shipping qualities.

**Sanilac Bureau Presents Rural Drama Players**

Sandusky—Several weeks ago the Sanilac County Farm Bureau sponsored presentation of the play "The Maker of Fine Laces" by the Speaker-Edison P. T. A. group of that county. This group of players won first place in the State Rural Drama contest at Michigan State College in February. They have given many performances since Farmers Week. Don Gager of Bad Axe, Farm Bureau representative in the thumb counties, gave a well received talk on the program of the Farm Bureau.

**Brookside Farm Bureau**

The use of farm products in industry was the topic of the Brookside Community Farm Bureau, Newaygo county, at the Raymond Corrie home in mid-March. Twenty-five were present.

**CO-OP SEPARATOR**  
 built to last and for high skimming efficiency

SEE IT AT YOUR FARM BUREAU DEALER  
 Farm Bureau Services, Inc., Lansing, Michigan

**Don't Buy "Gold Bricks"**

There is no substitute for dry skim milk. Nothing is "just as good". There is ample experimental evidence from authoritative sources that you cannot get milk results with anything but milk.

Get the facts. Send today for Bulletin 250. It will show you plainly why it is impossible for any feedstuff or mixture to equal dry skim-milk nutritive value.

BE SURE YOUR FEED FORMULA CONTAINS DRY MILK

Guaranteed Analysis:  
 Protein . . . . . 32%  
 Lactose . . . . . 50%  
 Minerals . . . . . 8%  
 Provides Vitamin G the growth promoting vitamin

LANSING MICHIGAN

**Lansing**  
 DRY MILK SALES DIVISION

**MILES MAKE A DIFFERENCE**

More than two-thirds of the beef, cattle, hogs and sheep is produced WEST of Mississippi River.

750 to 1,000-mile average haul to consumer.

More than two-thirds of the meat is consumed EAST of Mississippi River.

In daily touch with every meat, dairy and poultry consuming city, town, and hamlet in the United States

**MORE** than two-thirds of the beef, cattle, hogs, and sheep of the United States is produced west of the Mississippi River. On the other hand, more than two-thirds of the meat from these animals is consumed east of it.

This means that the products handled by Swift & Company must on the average be transported between 750 and 1,000 miles—the distance from producer to consumer.

Contrast this with the distance products are transported in most European countries. Denmark, for example, is only 200 miles from north to south, which is the long way. From the center of Denmark to London, England, is about 400 miles. Products between these two countries are moved largely by boat, which is a cheap form of transportation. With these shorter distances and cheaper but slower transportation methods, it is no wonder that their transportation costs are less.

Notwithstanding this, the efficiency in the packing business of the United States enables it to return to producers from 75 to 85¢ out of every average dollar that it receives for its meats and by-products. During 1936, the money that Swift & Company received for its meats, butter, eggs, poultry, cheese, hides, glands, sheepskins, and dozens of other products and by-products was paid out as follows:

76.0	cents	went to producers of livestock and other agricultural products
10.6	"	went for labor (including wages and salaries)
3.4	"	went for transportation
.2	"	went for interest
4.1	"	went for supplies
4.2	"	went for rents, taxes, refrigeration, insurance, pensions, traveling, telephone, telegraph, stationery, depreciation and other expenses (Items Balance remaining with Swift & Company:
1.5	"	Net Earnings
100	cents	

**Swift & Company**

Over a period of years, Swift & Company's net profits from all sources have averaged only a fraction of a cent per pound.



### Forage Crop Suggestions

The Michigan State College farm crops department has prepared the following suggestions for 1937 seedings which may be made with reasonable economy and which will prove adequate for a very wide range of Michigan conditions:

#### Alfalfa

1. For well-drained soils on which winter-killing of alfalfa is infrequent: alfalfa 8 pounds per acre.
2. For soils on which alfalfa is moderately subject to heaving: alfalfa 7 pounds per acre; timothy 3 pounds per acre.

#### Mixtures

3. For moderately acid soils variable in character: red clover, 5 pounds per acre; alsike, 2 pounds per acre; timothy, 5 pounds per acre.
4. For uneven soils, in part poorly drained: alfalfa, 5 pounds per acre; alsike, 2 pounds per acre; timothy, 5 pounds per acre.
5. For meadows intended to be used at least in part, for pasture (a) when seeded without a nurse crop: alfalfa, 8 pounds per acre; smooth brome grass, 7 pounds per acre. (b) When brome grass is seeded through drill box with oats or barley insuring better distribution of this seed: alfalfa, 8 pounds per acre; smooth brome grass, 5 pounds per acre.

### Seed Corn Information

#### Husking Corn

M. A. C.—grown near Bay City. Adapted to southern and northwestern Michigan.

Golden Glow—adapted to south central and western Michigan.

Pickett's Yellow Dent—adapted to south central Michigan.

Ferden's Yellow Dent—adapted to south central Michigan.

Polar Dent—adapted to south and southwestern Michigan.

#### Ensilage Corn

Service Brand, a new type ensilage. Grain in ensilage.

Leaming Fodder Corn—some grain. Improved Leaming—grain in ensilage.

Reid's Yellow Dent—grain in ensilage. Sweepstakes—Pennsylvania grown, especially good ensilage.

Red Cob Ensilage—for ensilage, less grain.

Improved Red Cob—a larger variety of Red Cob.

Eureka Ensilage—a large succulent corn.

### 93 Young People From Lenawee Visit Bureau

Ninety-three members of the Lenawee County Junior Farm Bureau were guests of the Michigan State Farm Bureau at Lansing, March 17. In the morning they visited the several business departments and heard their work explained. At lunch at the Farm Bureau they heard State Secretary C. L. Brody, Vice President Otto Voyles of the Tennessee Copper & Chemical corporation, and State Senator Elmer B. Porter from Lenawee county.

In the afternoon they were conducted through the legislature by R. Wayne Newton and observed the proceedings. Later 37 young women present were guests at a tea at State College. The young men went through the Farm Bureau machinery and supplies warehouse. The Farm Bureau entertained for supper and an evening meeting.

April 6, Mr. O. B. Price, agr'l representative of the New York Central, will speak to this group on Farm Marketing Problems at their meeting at Adrian.

### David H. Brake

David H. Brake, for many years an outstanding citizen of Newaygo county, and prominent in agricultural affairs, passed away March 17. Mr. Brake, a fruit and dairy farmer, was one of the founders of the Newaygo County Farm Bureau, and served for many years as its president. Twenty-five years ago he helped organize the Fremont Co-operative Produce Co. and served continuously as its president. For eight years he was a member of the legislature. Summing up his work in the community in local, state and farm affairs, the Senator Don Vanderwerp, editor of the Fremont Times-Indicator said, "Men of his type leave a lasting impression upon the lives of those with whom they have come in contact."

### 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 to 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 Alfalfa," "Milkmaker," "Mermash," etc.

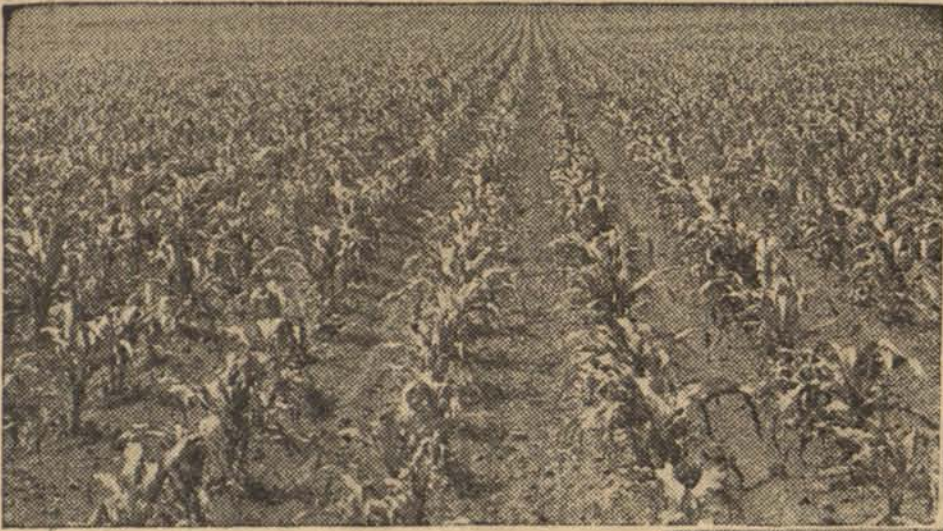
\$10 annual dues mature life memberships; \$5 annual dues do not, but participate in Membership Credits, which reduce the amount of dues payable.

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

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

MICHIGAN STATE FARM BUREAU Lansing, Michigan

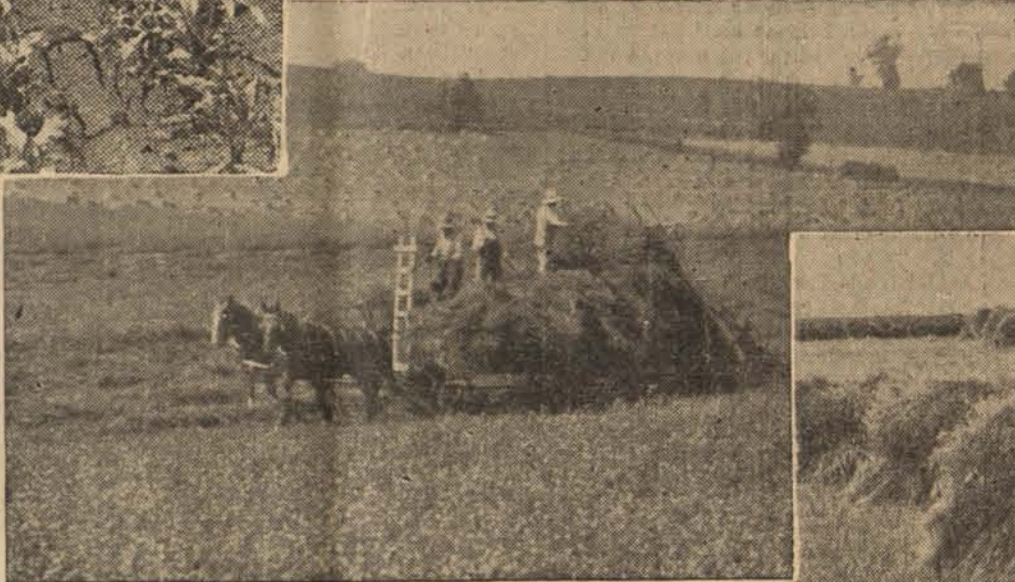
# THE HARVEST TELLS THE STORY



## FARM BUREAU'S GUARANTEED SEEDS AND OUR FERTILIZERS FOR MONEY MAKING CROPS

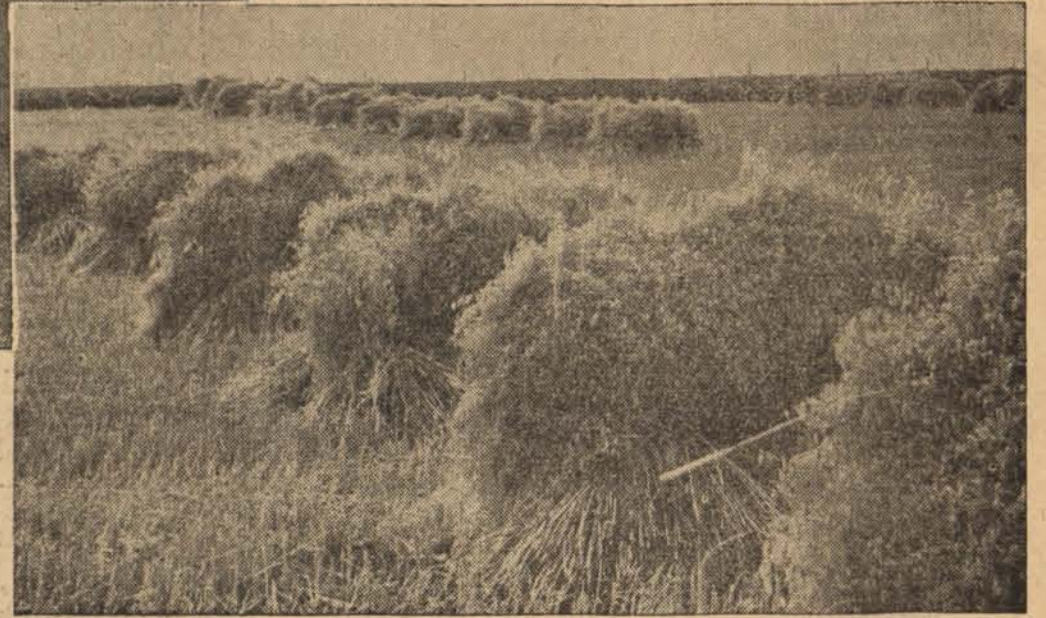
Michigan Variegated Alfalfa is a great hay producer and is the best "buy" this year

For every dollar invested in fertilizer, corn increased in value \$3.57; potatoes \$4.22



Extra value: Nitrogen in our fertilizers 95% water soluble. Quickly available to plants

No clover produces better than Michigan grown . . . That's all we handle. All varieties & A-1 stock



Buy Cert. Hardigan & Grimm early. Stocks limited. Eligible for certified seed production

#### FARM BUREAU SEED GUARANTEE

The Farm Bureau Services, Inc., of Lansing, guarantees to the farmer to the full purchase price of its seed the vitality, description, origin and purity to be as described on the analysis tag on sealed Farm Bureau bag.

Cert. Wolverine oats, light soils; Worthy for heavy soils Barley: Spartan & Wis. 38

## FIELD SEEDS

### Alfalfas

FOR CERTIFIED HARDIGAN OR GRIMM you had better see your Farm Bureau dealer right away. These varieties have no superior for yield and quality of hay. Eligible for production of certified seed. Use postcard we supply in each sack of our alfalfa or clover seed and we will record your field and seed source. Important to seed growers.

MICHIGAN VARIEGATED—Our 1937 stocks have 99.10 purity or better. Variegated comes from fields sown to Hardigan, Grimm, Ontario Variegated, Lebau or Cossack varieties. Uncertified seed from these fields is called Michigan Variegated. A great hay yielder. Seed is select, high test, thoroughly cleaned and the price is a money saver. We also offer these alfalfas:

UTAH-IDAHO GRIMM UTAH-IDAHO COMMON KANSAS COMMON

### Forage Crop Mixtures

THESE ARE BARGAINS and will qualify for soil conservation benefits: Michigan Variegated Mixture 96.92% alfalfa with red clover 1.9%, sweet clover .84%. Crop purity is 99.7%. Another one: Michigan Variegated 93.5%, red clover 5.56%, alsike and other crop seeds .62%. Crop purity 99.68%. Also a Medium Clover 96.6% with alfalfa and sweet clover to make 99.64% crop purity. Also a White Blossom Sweet Clover 95%, red clover 3.84%, other crop seeds to make 99.4 crop seed purity. Ask your Farm Bureau dealer for prices.

### ROBUST BEANS

CERTIFIED ROBUST BEANS can be depended upon to outyield other varieties. This year you can be safe on seed beans if you use certified Robust. Remember, certified Robust beans must pass the germination and purity tests of the Michigan Crop Improvement Ass'n. There's trouble with germination of beans. Take no chances.

### First Quality Seed Corn

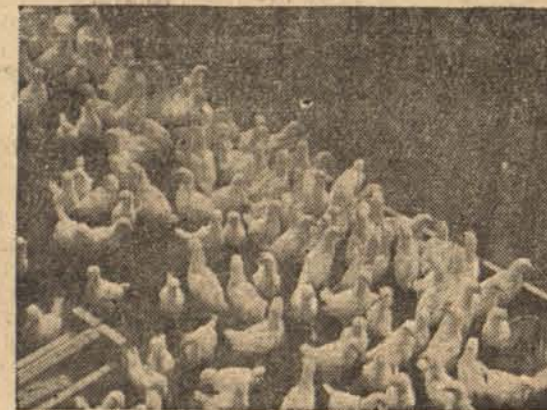
FARM BUREAU HUSKING CORN ready and will soon be with our dealers. All varieties we offer grow and mature in sections of Michigan for which they are intended. Germination is 90% or better. Field selected, dried, shelled and graded by corn specialists. HUSKING CORNS: Certified M. A. C., Picketts, Golden Glow, Polar Dent and Ferden's Yellow Dent. Also several uncertified varieties. ENSILAGE CORNS: Service Brand, a new type ensilage. Red Cob, Improved Red Cob, Leaming, Improved Leaming, Sweepstakes, Reid's Yellow Dent, Eureka Ensilage.

### Soy Beans . . . Sudan Grass

MANCHU SOY BEANS are best for Michigan. Our stocks are high germinating. We also have some Manchus containing 2 to 3% of Illini Manchus—a good buy for emergency pasture or hay crop, or for soil building purposes. FARM BUREAU SUDAN GRASS comes from Texas, high quality seed and good germination.

Timothy Soy Beans Rape Lawn Seed  
Field Peas Buckwheat Vetch Sunflower

## MERMASH A Life Time Ration



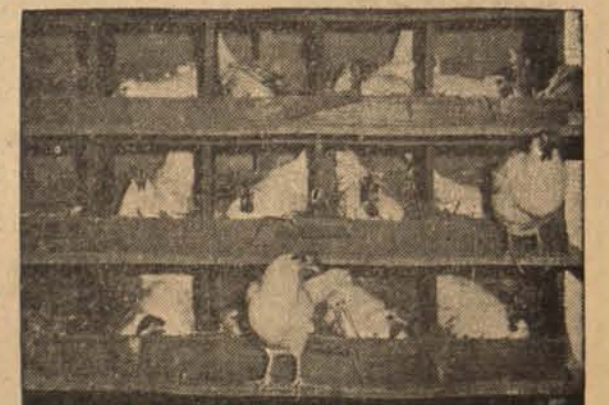
### CHICKS

MERMASH 16% PROTEIN is a complete dry mash. No supplement is needed at any time. Profit most on your investment in chicks by starting them on a feed you will continue throughout their lives. BETTER CHICKS, PULLETS and laying hens is the experience which for ten years has steadily increased the use of Mermash.

### PULLETS



### LAYING HENS



MERMASH CONTAINS THE BEST home grown feedstuffs for chicks, pullets and laying hens. It also contains Mermaker, a combination of Pacific ocean kelp and fish meal, to supply minerals in food form. Chicks raised on Mermash grow fast and feather early. Owners of Mermash fed flocks notice that the broilers are a little heavier and the pullets are better than the average.

**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%