

EXHIBITS AT 2ND APPLE AND POTATO SHOW TEACH MANY VITAL LESSONS TO PRODUCERS AND CONSUMERS

Show Surpasses That of Last Year Both From Standpoint of Quality and Quantity of Entries; Growers Prove Value of Standard Quality, Fair Pack

POULTRY MEN TO HAVE BIG SHOW AT GRAND RAPIDS

Expect to Get State-Wide Egg Marketing Exch. Under Way

Grand Rapids, Nov. 22.—Michigan poultrymen are looking forward to the annual Michigan Poultry Exposition and the meeting of the Michigan Poultry Producers Ass'n., both of which will be held at Grand Rapids the week of Nov. 27-29. The former will be held at the Klingman building throughout the week and the Poultry Ass'n. meeting will be held at the Pantland hotel Nov. 28, at 1 p. m.

Entries for the poultry exhibition and egg production classes already number 2,500 birds, promising to make this show the greatest ever held. Programs of interest to every poultryman have been arranged.

Big Marketing Meeting
The first two days of the show have been turned over to the newly organized Michigan Poultry Producers Ass'n. as a two day institute, along the same line of the State Hort. Society meetings. The institute will close Wednesday afternoon with a big marketing meeting, at which it is expected plans will be made for a state-wide egg and poultry marketing exchange. At this meeting Hale Tennant and Gifford Patch, Jr., of the M. A. C. markets dept., Clark L. Brody, secy.-mgr. of the State Farm Bureau, and E. B. Heaton, poultry and dairy marketing specialist of the American Farm Bureau, will discuss marketing plans with the poultrymen. The time is at hand (Continued on page 4)

GIDDINGS SAVES MEMBERS \$3,900
Baraga Sec'y Doesn't Let Sodatol Opportunity Slip

A. L. Giddings, secretary of the Baraga County Farm Bureau, in the Upper Peninsula, gets results. Baraga county has not had a County Agent for the last two years, and the Farm Bureau has been handling things.

This fall when the land clearing department of the Michigan Agricultural College announced it would be possible to get Sodatol, the cheapest of all explosives we have ever had, if some one in the county would cooperate in getting orders for a carload, Mr. Giddings got busy. He sent out notices to all the locals, and gave the thing wide publicity. That brought in some orders, but not enough for a car.

Realizing that there was a chance to get the extra acres needed on almost every farm in the county cleared cheaper than by any other method, Mr. Giddings was not content to let it drop with, "Well, I told them all about it; if they don't want it, I can't do any more."

When he saw that letters did not bring in much more than orders for half a car, he got into his own car, took time from his own work and went out and got orders for 20,000 lbs. of Sodatol, more than a carload, and since then he has increased the order to 24,000 lbs.

This 24,000 lbs. of Sodatol will help get enough acres on many Baraga farms cleared to make the farms nearer efficient and self-supporting. The carload will save the farmers at least \$3,900 with the free caps which are given with each order. Last year Mr. Giddings did the same thing with a carload of picnic acid.

Co-op. Marketing Men To Meet At Chicago

Chicago, Nov. 15.—A national conference of Farm Bureau leaders interested in co-operative marketing will be held at Chicago, Saturday, December 8, at the Sherman hotel, 10:00 a. m. The conference was called by Walton Petzet, director of co-operative marketing for the American Farm Bureau. It precedes the annual meeting of the American Farm Bureau Federation, December 10-12.

NOTICE TO FRUIT GROWERS!

Following are Michigan Fruit Growers, Inc., locals who are having the Michigan Farm Bureau News, official organ of the Fruit Growers, sent to ALL THEIR MEMBERS, so that the fruit association members may be informed on what is doing in co-operative fruit marketing and Farm Bureau organization work. The subscriptions are paid for by the local ass'ns and are sent as a service to their members. All locals of the Michigan Fruit Growers local ass'ns have arranged for the paper for their members. Proper announcement will be made as the News starts to the members of each association. Fruit Growers ass'ns whose members now get the News:

Sodus Fruit Growers Ass'n.
St. Joe Mich. Fruit Ass'n.
Benton Center Fruit Ass'n.
Milburg Fruit Ass'n.
Lake Shore Fruit Growers Ass'n.
Berrien County Fruit Ass'n.
Paw Paw Co-op Ass'n.
Decatur Co-op Ass'n.
Bangor Fruit Exchange.
Saugatuck Co-op Fruit Ass'n.
Fennville Fruit Exchange.
South Haven Fruit Exchange.

CRAWFORD BUREAU ORGANIZES CO-OP

Will Handle Supplies and Ship Products for Members

Grayling, Nov. 20.—At the annual meeting of the Crawford County Farm Bureau, held recently, the Crawford County Co-operative Marketing Ass'n. was organized. The association believes the future of the county lies in dairying and will start by handling dairy feeds and feed-stuffs. Later it will handle fertilizer and other supplies. It proposes to make use of the livestock marketing agencies of the Michigan Live Stock Exch. at Buffalo and Detroit, the Farm Bureau Produce Exchange at Detroit and other service departments of the State Farm Bureau. These services are open to active members of the Crawford County Farm Bureau.

Onkama F. B. Local Now Stock Company
Manistee, Nov. 14.—The Onkama Farm Bureau local, marketers of Onkama-Mich brand of fruits for their co-operative members, has changed its type of organization from the collateral note type to a stock company of the members. Henceforth, Onkama F. B. Local members will get a better return on their investment, instead of supporting the Farm Bureau local for the benefit of the community.

PRODUCERS GIVES MARKET SITUATION

Expect Better Cattle Demand Soon; Hold Light Hogs For Present

Following is a statement from J. F. Baker, manager of the Producers Co-operative Commission Ass'n at Buffalo stockyards, in reply to a letter from the NEWS asking for information on the market situation for the benefit of NEWS readers. Mr. Baker writes:

"If there are any shippers in Michigan who have good cattle to market in the next two or three weeks, we would advise holding until the second week in December, having them here on the market Dec. 10, as we look for a good cattle market that week. We would also advise shippers to hold back their light and immature hogs at the present time as all markets are flooded with this grade of stock and they work to the disadvantage of the matured hogs on the market. We believe that within the next 30 days packers will be wanting lighter hogs, and if shippers can hold their stock back for this length of time it will be to their advantage to do so."

Third In Sugar Beets

Michigan continues to hold third place as the greatest sugar beet producing state. V. H. Church, U. S. Crops Estimator at Lansing, estimates the 1923 crop at 952,000 tons as against 583,000 tons last year. Colorado leads with 1,863,000 tons and Utah is second with 978,000 tons.

Third In Sugar Beets

My early life is perfectly characterized by a single line from Gray's Elegy: "The short and simple annals of the poor.—A. Lincoln.

WASHTENAW F. B. ELECTS OFFICERS FOR NEXT YEAR

Legislative Referendum Shows Deep Interest in State and U. S. Issues

BUREAU IS THRIVING
Has 585 Active Members and Live Program of Work

Ann Arbor, Nov. 15.—George McCalla, of Ypsilanti township, was re-elected president of the Washtenaw County Farm Bureau at its annual meeting held here today. George Gill of Superior township was elected vice-president and the following directors were chosen: W. W. Hamilton of Salem township; F. W. McLane of Ann Arbor township and W. H. Every of Bridgewater township. Hold-over directors are: O. E. Loveland, York township, secretary; Jay Smith of Scio township and Mrs. Orill Ferguson of Pittsfield township.

The interest displayed at the meeting and the reports submitted showed that the Washtenaw County Farm Bureau is in a thriving and healthy condition, with 585 active members. The 1924 budget totals \$9,800, with sufficient funds in sight to meet it completely. The following is the revenue for the coming year:

From the State and U. S. Sources:	
For County Agent Salary	\$1,200
For County Club Leader Salary	600
From the County Supervisors	5,000
From the County Farm Bureau	3,000
Total Income	\$9,800

Take Referendum
An interesting feature of the annual meeting was the presentation of the reports on a legislative referendum taken a week previously at simultaneous township Farm Bureau meetings. Results of this referendum vote showed that Washtenaw County Farm Bureau members are almost unanimously in favor of a state gas tax, a state income tax, the retention by the State Board of Agriculture of full and complete control of M. A. C. as contemplated by the constitution, federal "truth-in-fabric" legislation, adoption of Henry Ford's Muscle Shoals proposal, amendment of immigration laws to provide a better type of immigrants, and federal laws to make it possible to organize crop insurance associations.

Further, the replies strongly opposed any form of governmental price-fixing and the enactment of consumption or sales taxes which would be passed on to the ultimate consumer.

SUPERVISORS BACK 43 COUNTY AGENTS

Liberal Appropriations Are Made by Boards in New Territory

Boards of supervisors in 43 Michigan counties voted appropriations this year with which to help finance the work of county farm agents. A number of counties which never before had made appropriations came through with liberal sums this year.

Only three counties which had previously made appropriations failed this fall to make their usual allotments. They were Cheboygan, Benzie and Newaygo counties. Two others reduced their appropriations slightly, while 10 increased and 6 which made appropriations had never done so before. New counties to vote funds were Ionia, Livingston, Shiawassee, Clinton and Tuscola counties. The upper peninsula counties voted solidly for the agents.—Grand Rapids Press.

Oakland Bur. Starts Membership Campaign

Pontiac, Nov. 20.—Oakland County Farm Bureau launched its second membership campaign today with a booster meeting of the county membership committee, prominent farmers from every township who are going to have an active part in the campaign. They have signed up for another three years and each will drive a Farm Bureau worker in his township.

Speakers at the meeting were S. S. Skelton, sec'y of the Pontiac Kiwanis Club, Clark L. Brody, who described the work of the State Farm Bureau, M. L. Noon, State Farm Bureau vice-president. He gave an inspiring talk on farm organization. Robt. Beattie, formerly leader of the Water-town Boys' Potato Club, and Keith Holden, leader of the Wixom Boys' Club, told of their experience in club work. Pres. Percy King presided. There was a fine spirit throughout the meeting. The Oakland campaign has gotten away to a good start.

PRESIDENT



Above is George McCalla of Ypsilanti, recently re-elected president of the Washtenaw County Farm Bureau, one of the most progressive Farm Bureau organizations in the State. Mr. McCalla is also president of the successful Ypsilanti Farm Bureau Ass'n and is a member of the board of directors of the Michigan Elevator Exchange.

FARMERS CLUBS ANNUAL MEETING

Will be Held at Michigan Agricultural College Dec. 4-5

Announcement is made by Mrs. I. R. Johnson of Rushton of the annual meeting of the Michigan State Association of Farmers Clubs, to be held at the Michigan Agricultural College Tuesday and Wednesday, Dec. 4 and 5. Sessions will be held in room 402, Agricultural Bldg.

Every Farmers Club in Michigan is invited and urged to send delegates to this meeting. Matters of great importance will be discussed and acted upon. Plans are being made for the comfortable accommodation of all that can attend. Let this be the greatest meeting the Association has ever had.

The Program
Tuesday afternoon—Address by Dr. Eben Mumford, "An Agricultural Inventory and the Next Step." Address by Mrs. Dorian Russell, president of State Fed. of Women's Clubs. George Kimball, Oakland County club leader, will speak on club work.

Tuesday evening—Banquet under direction of M. A. C. Home Economics Dept. Speakers will be L. Whitney Watkins, N. P. Hull, C. L. Brody, Mrs. Louise Campbell and Bastian Smits. There will be good music and probably a good program of motion pictures.

Wednesday—Business session with question box, reports of committees, election of officers. At the afternoon session Pres. Marion L. Burton of the University of Michigan will speak on "Lightening the Farmer's Tax Burden." Former State Senator Herbert Baker will make an address. Mrs. Clay Gordon of Howell will give a program of readings during the sessions.

LEGISLATURE TO CONVENE DEC. 4

No Mention of Gas Tax in Gov. Groesbeck's Call

Only reapportionment was mentioned in Gov. Groesbeck's call to the legislature for a special session, beginning December 4. It is understood that after the reapportionment of legislators has been accomplished, the Governor may submit consideration of highway finance to the legislature, which would bring up the matter of the gasoline tax again. Just recently the Governor reversed himself in his opposition to a gas tax, but with reservations. In the reapportionment matter, Detroit seeks a large increase in its number of representatives and senators, which could be only at the expense of the rural districts. The call for the special session:

"By virtue of the authority vested in me as Governor of the State of Michigan, I hereby call the Legislature of the State to meet in extraordinary session on December 4, 1923, at 2 o'clock in the afternoon, for the purpose of considering legislation to provide for the rearranging of the senatorial districts and apportionment of the representatives among the counties and districts, as provided by the Constitution of the State of Michigan."

SUPREME COURT HEARS ARGUMENTS OF AG BD. AND ADMIN. BD. IN CASE IMPORTANT TO MICHIGAN FARMERS

Admin. Bd. Threat Most Drastic Ever Directed At Independence of Our Educational Institutions, Declares Ag Bd.; Expect an Early Decision

AM. FARM BUR. CONVENTION AT CHICAGO DEC. 10-12

Members Granted Reduced Railroad Rates for Meeting

Chicago, Nov. 22.—Reduced round trip passenger rates will be granted delegates to the annual convention of the American Farm Bureau Federation, to be held here Dec. 10-12, at the Hotel Sherman.

The reduction is granted on the "certificate plan," which means that one must positively secure a certificate from the local agent when the ticket is purchased. One then pays the full fare to Chicago, but on presentation of the certificate at A. F. B. F. convention headquarters, arrangements are made whereby we get a half fare rate returning. Unless one has a certificate, he cannot get the reduced rate privilege. In case your agent does not know about the certificate, take a receipt for your ticket. Such tickets may be purchased from Dec. 4 to 10, which will permit folks to take in part of the International Live Stock Exposition and be in Chicago the following week for the A. F. B. F. convention. The rate for the return trip is good until Dec. 14.

The American Farm Bureau convention will have some very interesting sessions. Delegates will be present from practically every state in the Union and many Farm Bureau members attend. Some of the best known of our national speakers appear on the American Farm Bureau program. National policies for another year will be laid down.

MICHIGAN OATS BRINGING PREMIUM

Are Very Popular For Seed Throughout the United States

For the last five years Michigan oats, because of their excellent quality for seed purposes, have been bringing an average of four cents per bushel premium over oats from other states, according to the Michigan Elevator Exchange. Not many Michigan farmers realize this fact, but it is so.

This situation bids fair to continue. Michigan oats are in great demand. No other state produces oats equal to those from the Thumb and central sections of Michigan. During the next three months the Michigan Elevator Exchange expects to sell better than 250,000 bushels of Michigan oats to eastern states for seed purposes.

Whether it is Michigan's soil, her climate or the way our people produce these oats, we can't say, but buyers in other states want our oats and will take them in preference to oats from other states and pay well for them. Michigan oats are noted for their brightness and plump berry. Production of such oats is capable of further expansion, according to the Exchange.

Bureau Collects \$203 In Claims for Co-ops.

Among freight claims collected from the railroads in October by the Farm Bureau traffic dept were: \$19.84 overcharge on coal for Perry Co-op Ass'n; \$70 loss on car of linseed meal for Moline Farm Bureau Ass'n; \$57.76 loss on live stock, Sturgis Co-op Ass'n; \$55.60 loss on coal for Hanover Farmers Co-op Ass'n. The Farm Bureau will audit your freight bills free and if any overcharges show up like the above, it will collect them for you at cost. The same applies to loss and damage claims. Write the Lansing office of the Farm Bureau.

Bean Men Meet

Saginaw, Nov. 17.—Managers and directors of Michigan Elevator Exchange locals handling beans at their bi-monthly meeting held here today discussed bean picking machinery and how to get the best results out of the various machines. The managers also took up the matter of the roughness of the Robust bean and a committee was appointed to take that matter up with the Agricultural College Farm Crops dept and see what can be done about it.

Arguments in the legal battle put up by the State Board of Agriculture to resist attempts of the State Administrative Board to interfere in the control of the Michigan Agricultural College extension service were presented to the State Supreme Court at Lansing, Nov. 13, by counsel for the Ag Board and for the Administrative Board.

Following the arguments, the Court gave the State 10 days in which to file a reply brief to the argument of the State Board of Agriculture. The Ag Board is seeking a court order to compel the Administrative Board to produce \$75,000 in extension funds, which it is withholding as a result of the controversy between the two boards. Following filing of such brief, the Court will consider the evidence and the verdict handed down will be final.

Gives Admin. Bd. Side
Ass't Attorney-General Fred L. Warner appeared before the Court for the Administrative Board. After sketching the funds the legislature provides for the college extension work, Mr. Warner said that legislative acts providing these funds always contained provision that the funds were to be used solely for the purpose for which they were appropriated; that in 1921 and 1923 the legislature included the words "under supervisory control of the State Administrative Board" which was created in 1921. Recently, he said, the Admin. Board investigated the extension work and found that the agents were receiving a part of their salary from the Farm Bureau.

(The county agents do receive part of their salary and expenses through the individual contributions of farmers in their counties, who are organized into County Farm Bureaus. Said County Farm Bureaus are in no way controlled by the State Farm Bureau. On the contrary, they collectively exercise a considerable measure of control over the State Farm Bureau, which is their servant. However, the Admin. Board has never permitted itself to see the County Farm Bureau or name it. By saying "Farm Bureau" it seemingly seeks to create the impression that the State Farm Bureau makes contributions to the local work and dictates that work, which is not a fact.)

Against Farmers Participating
Going on, Mr. Warner said that the Admin. Board was against this local Farm Bureau plan of farmers in contributing to the support of their extension work, and demanded that it be changed; that all agricultural extension work be financed entirely by State and U. S. and county public funds (a matter not objectionable to the local county Farm Bureaus, to be sure, but the hard fact is that there is not enough U. S. and State and county money available to carry on the work that farmers want done; rather than lose this extension work, many farmers are glad to help maintain it.)

Mr. Warner further stated that the U. S. has no control whatever over county agents and continued his attacks on individual contributions to county agricultural extension work. Refusal of the Ag Board to submit to the Admin. Board and scrap the local financial support which it maintains is recognized and approved by U. S. and State laws caused the Admin. Board to withhold the money, Mr. Warner said.

Court Asks Questions
Mr. Warner was asked quite a few interesting questions by members of the Supreme Court.

He was asked if "supervisory control" didn't mean simply that that Admin. Board should see to it that the Ag. Board used each fund only for the purpose for which it was appropriated?

He was asked how the Admin. Board could supervise the administration of funds which it was withholding?

Mr. Warner was asked if the Smith-Lever law passed by Congress didn't recognize the propriety of private contributions to extension work and encourage such, and if so what difference did it matter whether a church social was held to get such funds or if they were secured by some other individual efforts if need be?

(Continued on page 3)

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APPLE AND POTATO SHOW—A NEW MILESTONE

The second apple and potato show, just drawing to a close, has contributed a new chapter to the history of our agricultural progress in Michigan. The lessons taught at that great exhibition were so apparent and so splendidly illustrated that even he who runs might read and understand.

Producers were educated as to true standards and shown the value of growing high quality products, standardizing them, grading them, and packing them honestly in such a way that they would be attractive to the city consumer and create a favorable impression and an enthusiastic reception with a discriminating purchasing public. Certainly, the value of these lessons taught can never be accurately estimated.

The farmer who learns to select and exhibit high quality apples and potatoes will automatically have his standards raised and will take more pride and pains to select better seed and sales stock. Success in exhibiting will lead to success in salesmanship, for the type of potatoes and apples which receive the awards at the shows are the same type which are most in demand by the consuming public. In short, the show helps the farmer to fit his production to market demands and to pack and merchandise his crop most intelligently.

The apple and potato show is equally valuable from the standpoint of the city man, showing him as it does what is being done along production and marketing lines by Michigan growers and teaching him what, where and when to buy and how to utilize these products to the best advantage. He is taught that quality and flavor do vary and that it is economical to buy Michigan fruit in standard packs.

The show offers a splendid opportunity for the buyers and sellers to get together and establish mutual contacts. This year there were many direct sales and probably many more indirect sales resulted from the show. No doubt Grand Rapids and Central Michigan grocers will experience a big demand for quality apples and potatoes during the next few weeks which will be directly traceable to the influence of this great educational exhibition.

One might well wonder as he viewed this show, which has been held so successfully at Grand Rapids for two years, if the idea is not capable of still further expansion. Would it not be possible to move the entire exhibit down to Detroit, for instance, and there bring the lessons of the show direct to that great consuming market? If the Grand Rapids show has been made self supporting why might not a similar show at Detroit also be popular and practicable? And why stop there? Why not take the show to Pittsburgh and some of the other important consuming markets and teach them that Michigan's fruit excels in quality and flavor?

The results which have already been secured along the line of developing a great out-of-state market for Michigan agricultural seeds show what may be done. Dependable quality and a certification system have brought satisfactory results to our seed growers. Would not the same methods prove the salvation of our apple and potato situation?

John Reminds Bill of Some Hard Tussles We've Won

Today's Big Jobs No Easier Than Tough Battles Won in Past

THE other day while the horses were restin' and Bill Hawkins and me was visitin' over the back fence, he says, John, I've decided not to join the farm bureau again next year.

What's the matter Bill, I says, you've always been strong for farmers gettin' together. I am yet, he says, but here we've been together for three or four years and our stuff has been goin' down in price all the time. Why don't them officers in Chicago call a strike and let folks get hungry enough to pay a fair price?

I don't know, I says. I remember when we had a milk strike in 1916 and that a feller I might mention covered up his milk cans with oats and hauled 'em to town just the same. Bill got red around the whiskers at that for he knowed who I meant.

Now see here, Bill, I went on, I know that when them organizers signed us up before, they told us a lot of things that haven't come true. Not that they meant to lie to us, but the job looked easy then. When Abraham Lincoln called out the troops in 1861 everyone thought the war would be over in two or three months. We hadn't had any battle of Bull Run yet. Then when General McClellan sat around all summer and did nothing, you remember Lincoln wrote him a note and told him if he wasn't goin' to use the army he'd like to borrow it. It took a long time to get rid of the generals that was all gold braid outside and nothin' at all inside, and find old General Grant, who never shined his shoes, but knew how to fight.

Where is General Grant? I tigger that we could understand this here farm bureau movement better if we'd read our histories a little more. We fought our battle of Bull Run when we tried to organize the U. S. Grain Growers, and the way we got licked didn't make us feel none too good. We have got plenty of leaders now like General McClellan, who have got the army but don't know what to do with it. We haven't found our General Grant yet, but we will some day. When we do, he'll probably be a feller who isn't much to look at and can't make a speech, but he won't waste time on dress parade. His only command will be forward march, and then we'll get somewhere.

When that time comes I'll join again, Bill says. Don't be a mug-wump, Bill, I says. You know a mugwump is a fellow who sits on the fence with his mug on one side and his wamp on the other. You can't have a party without losin' some sleep.

You remind me of old Hank Scott who used to live down by the Forks. Hank was a Methodist by bringin' up, but he wouldn't go to church because he didn't like the preacher. One night Hank ate too much sourkraut and pigs' knuckles, and after he got to bed he dreamed he died and went to Heaven. St. Peter says, Hello, Hank, we've got a nice little Heaven off to one side fixed up for you, where you'll be all alone and there won't be no disagreements, and there Hank is yet for all I know.

I'd suggest to you Bill, that you start a little farm bureau of your own and then you can run it to suit yourself.

Aw, shut up, Bill says, you know one man can't do nothing alone. That's just the point, I says. And we can't do much together unless we all enlist for the period of the war. But how are we going to get rid of them McClellans so we can get some action? Bill asked.

Blamed if I know, I says. I reck-on they'll die off in time, or get tired and quit. You know there is nothing more tiffin' than sittin' around doing nothing. We'll find our General Grant sooner or later, never fear. We'll find him quicker if we all stick together and help him.

But I don't like our county agent, Bill objected. I've been a farm bureau member for three years and he's never set foot on my place yet. Have you ever asked him? I says. Bill admitted he hadn't and I says, Bill, there's some preachers that are good at callin' on the flock and sittin' in the parlor and there's some that preaches a good sermon. Then again there's some that can't preach and don't call, but when they get the devil by the tail the old boy knows he's been somewhere. I could tell you forty good jobs our county agent has done, but as long as he ain't come and gas over the barn fence with you, and swap chewin' tobacco, you think he ain't no good.

I never was no good at arguin', Bill says, but I ain't a-goin' to join. I don't care whether you do or not, I says; so I left him flat and turned back to my plowin'—JOHN TURNIPSEED, in the "Prairie Farmer," Illinois' great farm paper, published at Chicago.

The Lord must love the common people—that's why he made so many of them.—A. Lincoln.

New Feed Booklet

The State Farm Bureau Purchasing department has just gotten out a new booklet describing Michigan Milkmaker, the Farm Bureau truth-in-feeds dairy ration which is making such a great record for economical milk production and increased milk production. This booklet may be had for the asking. It gives the history of Milkmaker, points out the need it fills in the business of milk production and describes the feed itself.

PENN. BUYS 50 CARS OF MICH. SEED SPUDS

Cadillac, Nov. 22.—The Pennsylvania Farm Bureau has contracted with the Michigan Potato Growers Exchange for 50 car loads of certified seed potatoes, ten of them to be delivered this fall.

In the matter of marketing table stock, the Potato Exchange up to Nov. 13 had shipped \$29 carloads for members, an increase of 44 pct. over last year, when 576 cars had been shipped for the same period. In 1922 and 1923 first sales were made on Aug. 24. The increase of 1923 comes from Mecosta and Montcalm counties, where potato marketing organization work was done this summer.

SUPERVISORS AID CO-OP MARKETING

Kalkaska, Nov. 19.—The growth of co-operative marketing sentiment in the potato growing section of Michigan is evidenced by the appropriation of \$600 by the Kalkaska county board of supervisors, to be used in the promotion of co-operative marketing in that county.

HIVE PACKING HELPS BEES THROUGH WINTER

East Lansing, Nov. 22.—Bees need help in cold weather. Unlike some butterflies and wasps, the little honey producers do not hibernate in winter, striving instead to maintain the temperature in the hive at a comparatively warm level.

It has been found that the temperature is kept at exactly 57 degrees, if the bees can accomplish it. Heat is generated through muscular activity and the digestion of honey, the bees clustering in a hollow ball to resist cold.

Bee keepers have found that aid in the form of packing for the hives, or removal to a sheltered cellar, makes it much easier for the bees to resist cold and results in a better chance for them to live through the winter and be stronger colonies in the spring.

"The bee keeper who plans to pack his bees outside should first make sure that they have approximately 40 pounds of stores," says R. H. Kelly, of the entomology department at the Michigan Agricultural College. "If this amount is not present, they must be fed sirup made by boiling for 10 or 20 minutes, equal weights of sugar and water, to which is added a very small amount of tartaric acid, not over a teaspoon to 50 lbs. of sugar. The sirup is given the bees in the evening, thus lessening the danger of robbing."

"When the bees have sufficient stores, they can be packed in wooden packing cases, made from dry-goods boxes or specially prepared matched lumber, large enough to allow four inches of packing on the bottom, six inches on the sides, and one foot on the top of the hive. It is economical to pack the bees in pairs or in fours to save lumber for the packing cases. The bees may also be packed in a case made of tar paper."

"Colonies to be wintered in the cellar are moved inside about Thanksgiving time, on the first cold night after the last warm spell in November. A bee cellar must be dark, dry, and separated from the rest of the cellar to prevent vibration and noise from affecting the bees. It should be ventilated just enough to prevent moisture from collecting on the walls, and the ideal temperature is 42 degrees. The less the bees are disturbed in the cellar in the winter the better."

Clinton Co. Cleaning Out T. B. in Cattle

St. Johns, Nov. 22.—Clinton county begins the work of eradicating cattle Tuberculosis about Dec. 1, starting in either Eagle or Watertown townships. The work was made possible by an appropriation from the board of supervisors. The County Farm Bureau and County Agricultural Agent, H. V. Kittle are organizing the county for the work. Eaton, Ingham and Shiawassee counties have been cleaned up, so that Clinton will become part of a block of tuberculosis free counties, which will add to the sales and exchange value of all live stock in that area.

A mule makes no progress when he is kicking. Neither does a man.

NEW RULINGS ON MIXED LIVE STOCK

Farm Bureau Advises Shippers to Follow Them Carefully

Rules and Regulations Governing Mixed Shipments of Livestock, Effective Sept. 28, 1923

Item 3710-A, C. F. A. tariff 130.0, Agent Jones I. C. C. 1420.

MIXED SHIPMENTS—Live stock may be shipped in mixed carloads at ratings shown below, subject to the following rules:

(a) Bulls with cattle must be securely tied. Each bull loaded with small stock must be partitioned and securely tied. Where rules provide animals to be tied, not less than half inch rope must be used.

(b) Each mare with suckling colt or cow with suckling calf must be separately partitioned from other stock in same car, except that carload shipments of mares with colts and cows with calves will be accepted without requiring partitions in cars.

(c) Horses and mules may be loaded in same car without requiring partitions.

(d) Other kinds of stock may be handled in mixed carloads if separated by strong partitions. The loading of calves, hogs, sheep or goats with cattle, horses and mules will not be permitted unless car is suitably partitioned.

(e) Partitioning and tying, as required above, must be done by, and at the expense of the shipper, without damage to the car and subject to the approval of carrier's agent.

(1) When cattle, calves, hogs, sheep, lambs, goats, kids, horses, and (or) mules are shipped in mixed carloads charges shall be based on the carload rate and minimum weight for that kind of stock which on a straight carload basis produces the highest charge, subject to the exceptions in (2) and (3) below.

(2) In no case, except as provided in paragraph (3) shall the charge per car be less than on a straight carload of the highest rated kind at actual weight of the mixed shipment.

(3) Charges on mixed carload shipments of cattle and calves shall not exceed charges computed on basis of the cattle rate at actual weight of the entire shipment or at the cattle minimum weight if greater.

(4) The above provisions for mixed shipments will not prohibit the treating of any part of such shipment as a separate less than carload shipment.

Originate Std. Pure Bred Sheep Values

Romeyn C. Parsons & Son of Grand Lodge see no difference between live stock and other merchandise. They are leading breeders of pure bred sheep. For more than a quarter of a century Mr. Parsons has owned more pure bred flocks than anyone in the United States, and is well known as the "Sheep Man of the East." Mr. Parsons does not buy and sell registered sheep, but grows these high class sheep to supply the demand of flock owners throughout the U. S. He is the originator of standardized pure bred sheep values. To him there is no difference in principle between producing high class sheep at certain dependable values, than in manufacturing furniture, stoves or clothing of advanced styles, and quality, consistent with the price charged necessary to maintain an honorable merchandising reputation.

Mr. Parsons says, "I have been able to develop this system for taking care of the needs of my customers because of my many flocks and customers; however, 50 smaller owners of pure bred flocks could accomplish this same system of standardization of different qualities of each breed if they would combine under one managing head who is a business man as well as an expert in the art and science of breeding." Mr. Parsons issues descriptive price lists on his sheep as do other reputable manufacturers. His price list on Oxford, Shropshires, Rambouillets, Hampshires, Polled Daines, can be had for the asking and contains much valuable information in regard to the sheep industry, such as every flock owner should know.

FAT STOCK SHOW AT DETROIT DEC. 10-12

Detroit, Nov. 22.—There is yet time to make entries for the Detroit Fat Stock Show at the stockyards Dec. 10-11-12, through the Michigan Live Stock Exchange Commission Merchants, our co-operative house on that market. Entries close Nov. 30. Anyone wishing to enter should communicate at once with John R. Beadle at the Exchange, Live Stock Exch. Bldg., Dix Avenue, Detroit.

Premium List

Carloads (15 head, any breed)—four prizes, \$200, \$150, \$100, \$50. Single head, any breed, Grand Champion—four prizes, \$100, \$75, \$50, \$25. Sheep and lambs, carloads 50 head—\$100, \$60, \$40. Hogs, carloads of 50 head—same awards as for sheep.

The show will be held three days, the stock judged Tuesday and sold at auction the same day. Show stock must be fed and owned in Michigan at least 60 days ahead of show. A committee will grade entries; those not qualified for show purposes will be sent to the regular sales alley for sale on open market.

Midland Stumps Are Going Up Every Day

Midland, Nov. 22.—County Agent McMurtry of Midland County has kept up the record of his county for heavy use of government explosives. He secured orders for five car loads of TNT and picric acid. He has so far placed orders for one 22,800 lb. car and one 16,000 lb. car of Soda-olite. This ought to make Midland County the heaviest user of government explosives of any county in the state up to the present time.

Manistee Bureau Holds Its Annual Meeting

Kaleva, Nov. 17.—Manistee Bureau has just held its annual meeting after a rousing membership campaign. Live Farm Bureau delegates were present from all sections of the county.

Jesse Miller of Norwalk was re-elected president and W. F. Danville of Marilla vice-president. Mr. Miller is also county delegate to the annual State Farm Bureau meeting at Lansing next February.

The Manistee Bureau amended its constitution so that each co-op will have two delegates to the annual county meeting, which gives the local co-operative business units of the Farm Bureau proper representation with the regular township delegates in future management of the County Farm Bureau.

The Manistee Farm Bureau machine is now supplying marl to members at 60 cents a yard, 50 cents cheaper than anybody else offered. Only Farm Bureau members get this low price.

HAD SPUDS BUT NO CARS TO MOVE 'EM

Lewiston Co-op Was Stuck, But Found a Way Out

Lewiston, Nov. 16.—On Nov. 6 the Lewiston Marketing Ass'n in Montmorency county found itself unable to secure refrigerator cars for potato shipments and wrote the Michigan State Farm Bureau traffic dept' for aid. The letter arrived on the 5th. The matter was handled by wire and the Farm Bureau and the Lewiston Ass'n were informed that afternoon that refrigerator cars would be in Lewiston by the 10th and that the service would be better in the future.

T. C. Mathews, secretary of the ass'n, wrote the Farm Bureau: "We want to thank you. We got what cars we wanted on Saturday, also this morning. We now have all the cars we need, as we will not have any more to load this fall. As we have no warehouse we needed the cars badly; in fact, we lost four to eight cars that were diverted to other while we were waiting for cars."

The point of this article is that when co-operative ass'ns find themselves facing a shortage of cars, they should take the matter up with the Farm Bureau Traffic department, and do it as early as possible. The service is there for the asking. The same applies to other transportation problems.

Last year Lewiston faced an abandonment of railroad service, but action by the Farm Bureau saved it.

SEED POTATOES

The Seed Department of the Michigan Potato Growers' Exchange is prepared to fill orders for certified and common seed potatoes of the following varieties: Russet Rural (Late Poteskey), White Rural, Green Mountain, Irish Cobblers and Bliss Triumph. Supplies limited. Order early.

SEED DEPARTMENT MICHIGAN POTATO GROWERS' EXCHANGE Cadillac, Michigan

Big Crop On South Haven Peaches Set Spring, 1919

Mr. Bredehoff is a fruit grower and represents us in the great peach belt along Lake Erie in Ottawa County, Ohio. His customers are past masters in the science of growing fruit.

Naturally they are skeptical of new introductions because many so-called new varieties either are not new or worthless.

READ WHAT BREDEHOFF SAYS

Danbury, Ohio, Aug. 27, 1923

The Greening Nursery Co., Monroe, Michigan.

Gen'l Emel:

I want you to know that South Haven trees on the H. H. Hammond farm, the best to come into this community, are satisfying the skeptical and they are all what you claim for them.

They are ready for market now, with the Carmen. All I have to do is to take the fellows into that orchard. Expect to get some nice orders now. The fruit is uniform in size, all running large in spite of the very, very dry season. There are about 250 trees in the orchard and I do not believe there will be one bushel of B grade peaches in the whole block. Yesterday they sold the fruit at the house as fast as they could pick it and could have sold more if more had been ripe.

I took the managers of the local fruit companies down yesterday and they are now convinced that you have not exaggerated its merits.

I sure does me good to be able to prove this to some of the fellows who had no faith in new introductions in peach varieties.

Thanking you, with kindest regards, I am Very sincerely yours, (Signed) E. H. BREDEHOFF.

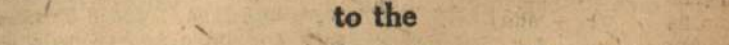
This Great Peach—The South Haven—Stands Alone on Several Counts:

1.—Hardiness. 2.—Early and continuous heavy bearing. 3.—Size and beauty. 4.—Shipping qualities. 5.—Its merits as a canning peach. 6.—Last but not least, season of ripening, which averages eighteen days earlier than the Elberta, thus bringing the South Haven on the market at a time to catch the big prices before the drop, which usually occurs when the Elbertas go on sale in quantity. Full history of this peach will be mailed to all interested. Ask for your copy today.

The Greening Nursery Co.

Monroe, Michigan

Born 1850—Still Growing



SHIP NOW—Eggs and Poultry

to the

Farm Bureau Produce Exchange

Get the full return from your eggs, poultry, fruits and vegetables by marketing them through your Michigan State Farm Bureau Produce Exchange at Detroit. Increase your returns by working with your own Produce Exchange.

Detroit is a great produce market and is eager for your farm produce, properly handled and brought to the consumer in good condition.

See that your next shipment is billed to the



Detroit, Michigan

2729-31 Russell St. Phone Cadillac 2270

CREAMERY SELLS OUTPUT PARCEL POST TO DETROIT

Ravenna Co-op's Unique Plan is Very Profitable to Members

Ravenna, Mich., Nov. 14.—Six hundred Muskegon county dairymen today are not worrying about the profits of the middlemen. They have solved the problem of direct selling to the consumer and for nine years have been taking the profits which ordinarily would go to the retail dealer. Uncle Sam is their salesman.

The farmers are members of the Ravenna Incorporated Butter Co., of Ravenna, which today is pointed out as one of the most successful examples of co-operative marketing. The secret is its direct selling campaign by parcel post.

The Ravenna company has 1,900 customers, most of them in Detroit, and 63 per cent of the total business is done by parcel post. What is more, the company has proved that direct selling to the small consumer can be done on a credit basis with less loss than comes to the sale to large consumers or the middleman.

The direct selling campaign by parcel post has brought to the 600 members from 5 to 11 cents more a pound for butterfat than members of other co-operative dairies have obtained.

A \$281,000 Business

Figures tell the story of the Ravenna company, which was reorganized in 1914 under the special act of 1913. Until that time the concern was operating as a co-partnership. A fire destroyed the creamery and 200 old members advanced \$36 each to wipe out the obligations. In return each received two shares of stock in the new organization.

There are 600 shares at \$10 par value. Excepting the 200 old members all received one share, each and most of the 200 members have given up one share of their stock to new members since 1914.

The company has prospered since the reorganization and the business has grown rapidly. Last year it did \$281,000 in butter business, selling 648,000 pounds of butter. Of this amount 400,000 pounds were sold by parcel post to the 1,900 different customers.

The operating plan is simple and the overhead is kept down to a minimum. The company maintains a sinking fund of \$1,000. Twice monthly checks are sent out by the company to the farmers for the cream, but November checks are for October business. It requires about one month to sell the butter and to balance accounts, hence the month's delay in the checks.

The operating expenses are deducted from the two weeks' business and the sinking fund replenished to the \$1,000 mark and then the balance prorated to the producers. In other words, the company obtains the cream, makes the butter and sells it, paying the farmer the proceeds less operating expenses.

The overhead expenses on the \$280,000 business for 1922 were \$20,000, or about 7 per cent of the total. In view of the nature of the business, and the many customers, this is considered a low figure.

An Endless Chain

The price of the butter is based on the Chicago market. The price charged to the customers is from 3 to 8 cents above the Chicago market. An endless chain business is conducted. One satisfied customer brings another, until today the company is unable to supply the demands for its butter.

All the parcel post business is done by credit. The company demands only a recommendation from some customer or a bank reference when it ships to a new customer.

The books show that the company suffered a loss of only \$613 last year due to bad accounts. This, it was explained by H. S. Averill, was due largely to two customers going into bankruptcy.

"We used \$5,000 in postage last year and our loss on postage was only \$61.44," said Mr. Averill.

J. P. Bacon, employed in the wholesale stamp department of the Detroit postoffice, is the largest customer. Mr. Bacon obtained a shipment of 2,715 pounds of butter this week. This butter goes to Detroit postal employees and Mr. Bacon, like the Ravenna company, simply adds the operating expenses to the cost.

"To show how our business is increasing, the figures for the first six months of 1923 show the sale of 400,000 pounds of butter," said Mr. Averill. "During that time the average price paid for butterfat to the farmers has been 55.7 cents a pound. This is much in excess of other co-operative concerns."

"We have no competition. We sell fresh butter direct to the customer. He gets it at a fair price and he gets good wholesome butter. We do not allow a surplus for dividends. The money is divided on the business of the preceding month with the exception of the \$1,000 sinking fund."

"We receive cream from those outside of our organization. They share the same as the members. Our organization does not make it possible to discriminate between stockholders and non-stockholders."

The company also sells coal to the public, but no profit is charged and this is a separate business started in the first place for the benefit of the stockholders.

Mr. Averill, the manager, is himself a farmer. He has been manager since the reorganization. —Detroit News.

Will Sun's Decline Force Grain Growing Belt South?

Conditions Today Hark Back to Years Preceding Barren 1816

Weather is a matter of daily concern. Changes from it averaged through the seasons have an economic bearing of huge importance. Frost out of season plays havoc with growing crops, and intense heat also shrivels them. Human beings instinctively feel gravely apprehensive over any extraordinary change of weather conditions. With all his wisdom, foresight, and care, man is absolutely powerless to control the weather even for a day.

Since Dr. Abbott of the Smithsonian Institute made the statement last April that the "solar constant," the unit measure of the sun's heat which reaches the earth, had declined 2.6 per cent—the greatest decline scientifically known—the possible effects of that decline have been discussed the world over. Now, after four months, the general mean (1.90%) continues at the new low level, and scientists are busy over what it means.

Prof. Humphrey of the U. S. Weather Bureau, a world authority on meteorology, shows that if this decline is maintained it means a drop of 3.6 degrees of temperature in the temperate zone. An average change of nine-tenths of a degree Fahrenheit down the thermometer during the summer shifts the grain-growing belt eighty miles southward.

A permanent change of 2.6 in the solar constant which has now continued for four months, means that the northern limit for wheat growing in North America will be 250 miles south of its present farthest north latitude. Corn also would be affected, though not so seriously. But the northern limit for cotton would put North Carolina, Virginia, Tennessee, and Missouri out of the cotton belt, while frost would send the Northern limit for citrus fruits, oranges, and grapefruit, a full 100 miles southward. North of the Ohio River frost would come earlier in the Fall and extend later in the Spring—facts of grave importance to agriculture generally.

European Conditions Upset

Weather experts have studied temperatures in Western Europe as well as the United States. England, France, and Italy have had the coldest spring recorded in a hundred years, with black frost in its last week in southern England, snow in Italy, Austria and France, and freezing with it. Then with July and continuing since, all records for heat in western Europe have been broken, says a Washington correspondent of the Boston Transcript.

Going back for precedents more than a hundred years, the scientific weather experts find present conditions ominously similar to those in the years immediately preceding 1816, the famous "year without a summer," which disturbed our great-grandfathers, in which there was frost every month of the year north of the Ohio river, and crops were destroyed all through the North. The correspondent quoted declares "It is now being said that exactly the same conditions prevail as more than one hundred years ago, and that the year 1924-25 promises to be as cold and barren of crops as the year 1816."

Herbert J. Browne, an intensive student of meteorology, last February appeared before the House committee of agriculture and accurately predicted this season's weather, advocating the storage of grain by all the nations of the world to provide for the famine years of 1926 and 1927, which he believes to be coming. His beliefs are shared by Sir William Beveridge of England, and are based on the statistics of famines running back to 1815 in Europe. Their conclusions recall Joseph's interpretation of the dreams of Pharaoh's chief butler and baker as forecasting seven years of plenty and seven years of famine.—CHICAGO JOURNAL OF COMMERCE.

Supreme Court Hears Arguments of Ag Bd.

(Continued from page 1)

Sketching the history of the county agent system, Mr. Smith said that it was started in 1912 and must have been successful and satisfactory because it was elaborated in 1914. By this work the U. S. Dept. of Agriculture takes the college out into the state and assures federal, state, local and individual contributions to finance it and stimulate a proprietary interest in the work.

Legislature O. K.'s It

In 1915 the Michigan Legislature accepted the Smith-Lever agricultural extension work act of Congress. In 1919 the Michigan Legislature said that local Boards of Supervisors could establish Farm Bureaus of farmers to help out with the work in all its phases, subject to the direction of the State Board of Agriculture. Mr. Smith maintained that the county agent and the extension funds have always been under direction of the State Board of Agriculture and that the agent is responsible to the State Board of Agriculture and the U. S. Dept. of Agriculture.

In 1921, said Mr. Smith, the legislature made extension work appropriations subject to the approval of the newly created State Admin. Board. In 1923 the legislature accepted the college extension work program and provided funds for the State's share. This was done with an evident full knowledge of local contributions and no question was raised as to the validity of such contributions. The funds were made subject to the "supervisory control" of the Admin. Board, which was customary with many appropriations.

Nothing was heard from the Admin. Board then, not until July when the college asked for \$75,000 of its appropriation. The Admin. Board then instructed the Ag Board to turn over the whole extension service to the Dean of Agriculture at the college, not as the representative of the college but as the representative of the Admin. Board.

The Ag Board courteously replied that it would be glad to co-operate with the Admin. Board in all such matters as did not involve a surrender of its constitutional duties, but could not meet the drastic demands of the Admin. Board. Then, said Mr. Smith, came Gov. Grosbeck's attack, "which, even if true, was no basis for an Admin. Board attack on the constitutional Ag Board."

"Any condition that takes the control of the college from the constitutional authority—the State Board of Agriculture—can not be accepted," said Mr. Smith. "No such drastic threat has ever been visited on the University of Michigan. This is the most serious blow ever directed by a department of State at the independence of any of our educational institutions."

Not only will the decision in this case be of vital concern to the Michigan Agricultural College, but it is being watched with the keenest interest by all other educational institutions in Michigan who are similarly situated with respect to the Agricultural college. It will also in all probability determine to a large degree the future status of the State Administrative Board. The matter of centralized political control and interference with the funds of educational institutions is a recent development in a large number of other States and this struggle of the Michigan State Board of Agriculture to maintain its constitutional rights has assumed national prominence and importance.

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OLDEST MEMBER



William Allen

Above is William Allen, 91 years young, a Cass County pioneer and Farm Bureau member of Porter township, who on Nov. 17 renewed his membership for another three years. We believe Mr. Allen is the oldest active member in the Michigan State Farm Bureau and are glad to make the membership acquainted with him.

Mr. Allen reads his Farm Bureau News, and without glasses. He is as alert as a man half his years, both mentally and physically. Mr. Allen was born in Columbus county, Ohio, Nov. 24, 1832. He came to Michigan in June, 1848, when 16 years old, and settled in Calvin township. One year later he moved to Porter township and has resided there ever since.

Mr. Allen owns a 1,000 acre farm and for years was a feeder of lambs. He also bought stock and shipped in connection with his farm work. He is a stockholder in the Farmers & Merchants bank at Vandalla, and owns stock in the Cassopolis Co-operative Exchange. Mr. Allen firmly believes in the Farm Bureau and believes nothing can stop it as long as we have honest leadership, supported by an honest thinking membership. It is his opinion that if our farmers could have had our present progress in co-operative marketing work 20 years ago we would not be in the situation we are today. Mr. Allen renewed his membership with Farm Bureau worker H. J. Connery.

Apple and Potato Show Teaches Many Lessons

(Continued from page 1)

On Friday evening the program called for the sale of all the show apples and potatoes.

Producers and consumers who attended this great show this year were repaid for their time and expense and will not easily be prevented from being at any future shows of this character which may be held.

Grand Rapids, Nov. 13.—The Michigan State Farm Bureau is informed that the Ann Arbor railroad is about to add 500 new box cars to its equipment.

EXPECT PLENTY OF REFRIGERATOR CARS FOR STATE

Farm Bur. Helps Get 1,200 More; Apples First, But Enough for All

A conference in Washington between the Farm Bureau's traffic counsel and officials of the American Railway Ass'n several weeks ago, following a constant effort during the past year to avoid a serious shortage of refrigerator cars in Michigan this fall and winter, has resulted in a co-operative campaign for more cars for Michigan apples, potatoes and other perishable farm and orchard products requiring refrigerator car transportation. This campaign reached its climax during the latter part of last week when the American Railway Ass'n ordered other railroads to deliver to the Pere Marquette approximately 500 refrigerator cars, and the Pere Marquette, on its own behalf, contracted with private refrigerator car companies for 700 additional refrigerator cars, at heavy expense to the Pere Marquette. These 1200 cars are in addition to 600 SLRX and GCIX cars previously contracted for by the Pere Marquette.

During the past two weeks the traffic department of the Farm Bureau has been in constant communication by long distance telephone, by telegraph, and by correspondence, with the Car Service Division of the American Railway Ass'n at Washington, the Refrigerator Car Dept. of the railway association at Chicago; the A. R. A. district manager at Toledo, Ohio, and the officials of the Pere Marquette and other Michigan railroads serving the apple and potato producing portions of Michigan. Throughout this vigorous campaign, the Farm Bureau traffic department has had splendid co-operation by the representatives of the railroads and the railroad organization. The Michigan Central and the Pennsylvania are well supplied with Merchants Dispatch and F. G. E. cars, and those roads are generously supplying the Manistee & Northeastern, Detroit & Mackinac, and other short lines with which they connect.

Michigan's great need of refrigerator cars during the fall, winter and early spring is fully understood and appreciated by the railroads, the American Railway Ass'n and the Interstate Commerce Commission, and that understanding and appreciation is very largely due to the constant activity of the Farm Bureau's traffic department since the distressing shortage of cars last fall and winter. The Traffic Department decided upon a policy having as its object the accomplishment of a better understanding of the need for refrigerator cars in Michigan, and the accomplishment of a greater degree of co-operation toward the reasonable supplying of that need.

Now that an adequate supply of refrigerator cars is reasonably certain, it is most important that the shippers do not inflate their orders for cars, nor unnecessarily delay cars in loading. There is great need of refrigerator cars throughout the country and every day that a refrigerator car is delayed in loading or in unloading is a serious waste of refrigerator car service.

There is no reason why any shipper of apples or potatoes should now experience difficulty in obtaining refrigerator cars, and if such difficulties are encountered and are promptly referred to Ernest L. Ewing, Traffic Counsel, Michigan State Farm Bureau, 419-420 Murray Building, Grand Rapids, Michigan, they will be so handled as to insure the earliest possible relief.

For a few days, orders for refrigerator cars for apples will be given such preference as will make it possible to promptly move apples that are in danger of freezing. However, there will be a sufficiency of cars for all loading and the degree in which preferred attention to apples will be necessary will not affect nor unjustly discriminate against the potato loading.

The Farm Bureau traffic department will be constantly in close touch with the refrigerator car situation during the coming months and will be prepared to take whatever action may be necessary in event of any serious difficulties arising. The co-operation of the railroads and the American Railway Association has been of first importance in this matter.

Clifford Thorne Dead

Des Moines, Iowa, Nov. 13.—Clifford Thorne, nationally famous as an expert on railroad, rates and transportation matters and formerly traffic counsel of the American Farm Bureau Federation, died, Nov. 13, in London while on a trip to regain his health.

Mr. Thorne will be remembered as the American Farm Bureau attorney whose arguments before the Interstate Commerce Commission in July, 1920, resulted in the I. C. C. setting the valuation of American railroads at \$1,800,000,000 less than the railroads claimed. The hearing was held to determine the value of the railroads for rate making purposes. Without Mr. Thorne's work in behalf of the Farm Bureau in this hearing, it is reasonable to believe that the railroads might have been granted even higher rates that they got in 1920.

FARM BUREAU RADIO

Station KYW, Chicago, Central Time 8:01 P. M. Wave Length is 536 Meters.

Tuesday, Nov. 27
"Co-operative Marketing of Wheat" by Walton Fetset, director of Co-operative Marketing, American Farm Bureau Federation.
"Farm Films" by D. O. Thompson, president, Homestead Films, Inc.

Tuesday, Dec. 4
"The Farm Problem an International Problem" by C. T. Crofton, Manager, Savanna Produce Station.
"Farm Bureau Service to a Community" by J. W. Coverdale, secretary, American Farm Bureau Federation.

CROPS MEN WARN OF DANGERS IN IMPORTED SEED

Short Clover Crop Will Bring Flood of Unadapted Foreign Seed

East Lansing, Nov. 20.—Steps were taken to guarantee dependable seed for Michigan farmers next season by Michigan Crop Improvement Association directors at a meeting held at the Michigan Agricultural College last week.

There is said to be a clover and alfalfa seed shortage this fall all over the United States. Heavy importations of seeds not adapted to Michigan conditions are expected from foreign countries. A warning was issued against use of such seed, which has proved to be a failure when planted in the state. Especially heavy clover seed importations from Italy, and alfalfa seed shipments from Africa and Argentina are expected.

Use Home Grown Stock

That Michigan had relatively good success in its clover seed production this season, was brought out by the association officers. The state is believed to rank first in the country this year in the production of clover seed.

The association urged use of this home grown, adapted seed, which can be obtained from local co-operative associations and from the Michigan State Farm Bureau seed department, also from other local sources. Make sure that both your clover seed and alfalfa seed stocks are northern grown. The State Farm Bureau seed department, has the seed adaptation proposition worked out to the point where it makes known the origin of all its seed and makes that item part of the record of the seed. This origin record stays with the seed. It is there for the buyer to see.

Bourbon Red Turkeys

FOR SALE
FLOCK HEADED BY TWO 35 LB. TOMS

Make your selections at the farm or write before Dec. 20th.

RORK FARM
R-3, West Olive, Ottawa Co., Mich.
West Olive is on cement road M. 11



We are giving special prices on monuments and markers for Fall and Spring delivery. Write us for information.

R. W. CARR GRANITE CO.
Charlotte Battle Creek



Marie Antoinette Pearls at 1-2 Price

A beautiful imported French Pearl necklace with 14 karat solid white gold patent clasp, platinum finish, offered at one-half price for a short time only. Regular price is \$15.00. Our special price is **\$7.50**

A MOST DESIRABLE GIFT

By special advertising arrangement with the importers of the famous Marie Antoinette Pearls we are enabled to offer you a beautiful 24 inch length Pearl Necklaces, with patent clasp of 14 karat solid white gold, platinum finish, far below the established retail price.

By special advertising arrangement with the importers of the famous Marie Antoinette Pearls we are enabled to offer you a beautiful 24 inch length Pearl Necklaces, with patent clasp of 14 karat solid white gold, platinum finish, far below the established retail price.

EVERY NECKLACE FULLY GUARANTEED

These iridescent, indestructible pearls are carefully selected and graduated. They glow with the exquisite natural pearl color that makes pearl necklaces so beautiful and desirable. They are exact duplicates of Oriental pearls. We offer these fascinating pearl necklaces for a short time at just one-half price—\$7.50. Fill out the blank at bottom of circular, and the pearls will come by insured parcel post in a richly lined box. If you do not find the pearls as represented, return them within ten days and get your money back.

Fill Out This Ten Day Trial Offer

Send me a 24-inch Marie Antoinette Necklace of Imported French Pearls, perfectly matched and graduated, as described. Enclosed find \$7.50. If I do not find the necklace as represented, it is agreed that I may return it within ten days and get my money back.

NAME _____
Post Office and R. F. D. _____

EASTERN SPECIALTY COMPANY
Oil City, Pa.

An Overcoat Bargain For 70 Men

If you can wear a 35 or 36 size overcoat, here's your chance to get a \$30 overcoat for \$15. We have only 70 in stock, and they won't last long. They come in two colors, solid dark grey and in black. They are made up in Chesterfield style, full lined with small collar and no belt. This is a real bargain for men who can wear that size coat. Send us your chest measurement, taken up under the arms, and we can tell if the coat will fit you. We will ship parcel post C. O. D. postage prepaid. Your money back immediately if this overcoat is not as represented or is unsatisfactory. Ask us about Farm Bureau tailor-made suits and overcoats. Suits priced from \$35.75 to \$40.25. Overcoats, \$33.19 to \$46. Write for samples and style book.

MICHIGAN STATE FARM BUREAU
Blankets & Clothing Department
Lansing Michigan

SEED GROWERS

Your Mammoth, Medium, Alsike and Sweet Clover, also Alfalfa, can be handled either on consignment with 60 to 70% cash advance or on outright purchase by the

MICHIGAN STATE FARM BUREAU
Seed Dept.
Lansing Michigan

Better Crops Less Work

With SOLVAY SULFURIZED LIMESTONE

SOLVAY is so easy to handle, so safe, so economical that it makes less work but bigger crops wherever used.

Make this year a bigger year, in crops, in profits. You can do it with SOLVAY.

THE SOLVAY PROCESS CO.
Sales Agent, WING & EVANS, Inc.
DETROIT, MICH.

Write for the new lime booklet—sent free! Tells you interesting profitable facts you should know about lime.

"The Flour the Best Cooks Use," is what they all say about LILY WHITE FLOUR, which description is particularly apt.

VALLEY CITY MILLING COMPANY - GRAND RAPIDS, MICHIGAN

WASHTENAW BIDS FOR HIGH HONORS IN CLUB ACTIVITY

Boys and Girls Defeat All Comers and Win Free International Trips

Ann Arbor, Nov. 22.—For results secured through its Boys' and Girls' Club Work activities, Washtenaw County lays claim to the honor of being several jumps ahead of any other county in the state.

Boys' and Girls' Club Work in Washtenaw County was started in 1919 and at that time was largely supported by the banks of the county. At present \$500 subscribed by the banks is used for premium money in club classes at the County Fair. During the four years of their existence, Washtenaw County clubs have increased rapidly in numbers and enrollment. During the past year there were 86 clubs with 835 members representing 653 homes.

Girls Sew at Profit

There are various projects to appeal to the varied needs of the boys and girls of the county. Phases of



Above is the State Champion Club Work Judging Team. From left to right they are: Roland Stein, David Maier and his brother, Walter Maier. They took first place among 15 club boy teams in dairy judging at the Michigan State Fair.

club work carried out in Washtenaw include: garment making, handicraft, hot lunch, calf, pig, sheep, poultry, corn, potato, garden and canning clubs. There were 33 Garment Making clubs, with a total membership of 236. During the present year in addition to being taught darning and mending, the members of these clubs made 630 garments at a value of \$1,094 and a profit above cost of production of \$578.00, after allowing for the labor cost.

There are 21 Hot Lunch Clubs, with a total membership of 398 boys and girls; 23851 school lunches were served by these clubs at a cost of \$431.54, or an average of one-half cent per meal extra for the hot dish served.

The Live Stock Clubs are especially strong in Washtenaw County. The boys and girls own 148 pure bred pigs and 55 pure bred calves. Through the experience that they are gaining as club members they are developing into real breeders and exhibitors of pure bred live stock. For instance, at the Washtenaw County fair out of a total of 480 exhibitors this year, 219 were club members. They won \$755.85 in cash prizes in club classes and open competition.

Champs at State Fair

At the State Fair at Detroit the Washtenaw county boys and girls outranked those from any other county, both in the quality of the live stock exhibited and in the skill of their judging teams. Their cash prizes totaled \$885 and besides this they won all the seven trips offered at the State Fair to the International Live Stock Exhibition and National Hay and Grain show to be held at Chicago in December. Their dairy judging team, composed of Roland Stein and Walter and David Maier, won first place as a team and placed first, seventh and ninth as individuals among the 45 competitors. Mr. Stein, the high man, was given a free trip to the National Dairy Show at Syracuse, New York, where he ranked ninth among the 60 picked dairy club champions at that great show.

Their general live stock judging team also ranked first among 17 county teams and will represent the state of Michigan in the general live stock judging contest at the International Live Stock Show at Chicago having all expenses paid by the State and State Fair.

Another blue ribbon team was that which represented Washtenaw County in the grain and corn judging contest. This is the third year in succession that Washtenaw County has won this contest but for the first time this year the winning team members will have their expenses paid by the State Fair to the National Grain and Hay show at Chicago.

Not only did the Washtenaw County boys and girls win many prizes on their live stock in the club classes, taking most of the championships and the blue ribbons, but they also were prominent winners in the open competition against the best live stock from Michigan and surrounding states.

Hold Club Camp

One of the most interesting features of club work in Washtenaw County is the annual camp which is held during the summer. This year 127 boys, girls and leaders attended. This, by the way, is the only exclusive County Club Camp in Michigan and has proved a distinct success. The aim of those in charge is to give the campers useful instruction and at the same time to provide them a good outing. The boys occupy the camp the first week and the girls the second. Instruction is given regarding milk testing, judging, fitting and

MARKET CONDITIONS

As Reported By State Farm Bureau Marketing Departments

WHEAT

With the visible supply twice that of this time last year, or 73,000,000 bushels, you cannot help but believe this market to be top heavy, but under all these conditions we do not believe wheat will sell much if any lower.

RYE

Not much change in rye. Do not look for much better in this commodity for some little time to come,

showing live stock, first aid, rope splicing, knot tying, swimming, resuscitation, etc., for the boys, and basket weaving, making artificial flowers, sewing, canning, judging and games for the girls. Interesting camp fires were held during the evenings.

Saturday evening, Nov. 17, an achievement program was given in Ann Arbor, at which time the Silver Trophies which were won by the state champions at the Michigan State Fair were presented to the Leader R. A. Turner attended this winning club members. State Club meeting and declared that it was one of the finest achievement programs

CORN

Corn market still continues to be in strong hands and if we get our usual winter feeding demand we would not look for any lower prices on this commodity.

OATS

We believe oats will do at least from 2 to 2½ cents better within the next 60 days. Oats are in strong hands. Visible supplies continue to decrease. Feeding demand heavy.

POLITICS UPSET ONTARIO FARMERS

Their Political Party Failed to Secure the Desired Results for Them

By MRS. EDITH M. WAGAR
Chairman Farm Bur. Community Work

Peterboro, Ontario, Nov. 22.—It has recently been my good fortune to have made a long-desired visit among Canadian relatives. So I have met many members of the United Farmers of Ontario, also people of the commercial class and so have had an opportunity to hear both sides of the question of farm organization as it exists in Ontario.

There is no doubt but that the farmers of Ontario needed an organization through which they could work and speak, even greater than we in the United States. However, after studying the results of their attempt, we can congratulate ourselves on the far-seeing thoughtfulness of our leaders in the type of organization we endorsed.

Political Props Failed

The Canadian farmers had the seemingly mistaken idea that only through political lines could their rights be respected, so they instituted a party of their own and by unheeded promises and radical propaganda they secured control of their provincial government. Their activities seemed to have been solely along political lines rather than co-operative farm interests and many inexperienced rural men were elected to the helm at the critical post-war construction period.

It was impossible to please or satisfy the many factions. It was a new venture for the inexperienced farmers and they seemingly have made many mistakes that will take time to forget.

Ontario farmers seem to know nothing about affiliating farmers' commodity marketing organizations with each other for greater efficiency in service to the farmers, although they have as many or more than we have.

Watching Michigan Now

I find them eager to learn of our methods and all willing to admit that our forethought was far greater than theirs. While we have made mistakes, yet we are progressing at a safe and sane pace.

How thankful and proud I am that our leaders to whom we owe so much could see the advisability of having a marketing organization for each major commodity, grain, potatoes, milk, livestock and fruit—then linking them together for our common interests so that all groups may speak as one for the betterment of all agriculture without injustice to any one group! And also that we stand firmly for measures rather than for any party, creed or race!

We Are Gaining

And how happy I am that we can serve as a guide in helping to shape the policies of others. In no way can I ever see agriculture a get-rich-quick money making scheme, and no organization can act as a panacea to be applied as a mustard plaster for drastic recovery to our many ailments, but little by little we may reach the goal of being on the same platform with other vocations, able to speak with authority for our cause and be recognized as an equal in the world's business.

60,000 Acres Spuds Signed in Minnesota

St. Paul, Minn., Nov. 20.—Acreage pledged to the new Minnesota Potato Growers' Exchange this week passed the 60,000 mark, according to an announcement made at the St. Paul offices of the general state organization committee. The membership now is in excess of 3,500.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

Of Michigan Farm Bureau News, published semi-monthly at Charlotte, Michigan, for October 1, 1923.

Before me, a Notary Public in and for the state and county aforesaid, personally appeared E. E. Ungren, who, having been duly sworn according to law, deposes and says that he is the editor of the Michigan Farm Bureau News.

Publisher—Michigan State Farm Bureau, Lansing, Mich.
Editor—E. E. Ungren, Lansing, Mich.

That the owner is the Michigan State Farm Bureau, Lansing, Mich.

That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

Sworn to and subscribed before me this 13th day of November, 1923.
J. LEE MORFORD,
Notary Public.

My commission expires July 17, 1924.

20,000,000 LBS. BUTTER PLEDGED

No Creamery Has Rejected Minn. Ass'n Co-op. Sales Plan

St. Paul, Minn., Nov. 20.—Twenty million pounds of butter already have been pledged to the new sales department of the Minnesota Co-operative Creameries Association, according to A. J. McGuire, general manager. For nearly two months, J. F. Meyer, manager of the sales department, and President John Brandt of Litchfield, have been engaged in organizing the new branch of the association and thus far, no co-operative creamery has rejected the plan.

HOW BUREAU SAVES FOR ITS MEMBERS

Helps Smaller Co-ops Get Car Lot Prices on Their Orders

Before we had a State Farm Bureau purchasing department, many of our smaller co-operative associations in buying dairy feeds, poultry feeds, horse feeds, mill feeds or concentrates in less than car lots, had to pay a bigger price for them because they were unable to stock carloads and get the carload price. Nowdays the Farm Bureau is supplying these co-ops with mixed cars containing several or all of the above feeds and feed stuffs in small lots, but the co-op gets them at the carload price for each commodity. The individual member benefits thereby.

Big Potato Crop

Coleman, Nov. 16.—Using Rural variety potato seed, Gus Klashak, Midland County Farm Bureau member of Coleman, R. 2, harvested 970 bushels of potatoes from 3½ acres, averaging 277 bushels to the acre. It is a record for that vicinity.

BUSINESS NEWS

3c a word per insertion for 3 or more insertions; 3½c a word for each of 2 insertions; 4 cents a word for one insertion. Count each word, abbreviation and figure, including words in signature, as words. Cash must accompany order. Mich. Farm Bureau News.

FOR SALE—POULTRY FARM, completely equipped. Must be seen to be appreciated. For particulars write M.A. CALWHITE POULTRY FARM, Caro, Mich. 12-13-23b

DO YOU WANT TO INCREASE YOUR egg production? Our Prof. Foreman strain Barred Rock and White Rock cockerels will do it. \$3 each, while they last. J. V. Sheep, Owosso, Mich. 12-13-23b

STERLING SPARK PLUGS for all makes of cars—regular value 75 cents each. We offer four for \$1.35, postage prepaid. Collier & Lee Auto Supply, 501 S. Washington Ave., Lansing, Mich. 12-13-23b

ATTENTION—I HAVE A STOCK OF good used parts for Hudson, Buick, Chevrolet, Studebaker and other cars. Write your wants. Prices low. Satisfaction guaranteed. Robert Murrow, Bixley, Mich. 12-13-23b

FOR SALE—ONE REGISTERED Guernsey Bull, age ten months. Sylvanus Mallette, Baroda, Mich. 12-13-23b

FOR SALE—A GOOD 79 ACRE FARM near Greenville. For particulars, write Mrs. Fred Christensen, R. 2, Box 126-A, Greenville, Mich. 12-13-23b

WANTED FRUIT TREE SALESMEN—Profitable, pleasant, steady work. Good side line for farmers, teachers and others. Permanent job for good workers. Write for terms. L. E. LADENFRITZ SONS CO., The Monroe Nursery; Monroe, Mich. Established 1847. 11-22-23-31b.

FOR SALE—HAMPSHIRE BOARS AND GILTS, 150 head on the farm. Our seventh year. John W. Snyder, R. 4, St. Johns, Mich. 12-13-23b

G. P. PHILLIPS, THE GOLDEN RULE AUCTIONEER, Bellevue, Michigan. Pedigreed Sales a Specialty. Write, wire or call for terms and dates. 1-10-24

WANTED—To buy new crop mammoth and medium clover seed. We are paying highest cash prices. Let us bid on your samples before you sell. Michigan State Farm Bureau Seed Dept., Lansing, Mich. 12-13-23b

BREEDERS' DIRECTORY

HEREFORDS

Young Cows with calves by side consisting of blood from America's foremost herds at prices that enable them under Earle's Hereford Beef Plan to pay for themselves within a year to 18 months. Bulls including prize winners at the larger shows and practical prices. Head headed by Straight Edge 1169786, one of two sons of Perfection Fairfax sire of a daughter of the Famous Disturber. T. F. B. Gotham & Sons (Herefordia since 1889), St. Clair, Mich.

IT PAYS TO BUY PURE BRED SHEEP OF PARSONS of the East. Well bred and pure bred. Write for club offer and price list. Charge. Phone or write Earl C. McJarry, 2225 PARSONS, Grand Lodge, Mich. 2-9

Meadow Brook Herefords Fairfax and Disturber breeding stock for sale, both sexes, any age. Call, phone or write Earl C. McJarry, 2225 Parson's, Grand Lodge, Mich. 2-9

HAY

Ask the Chippewa County Farm Bureau, Sault Ste. Marie, Mich., for prices on carlots of hay.



Feed Them The Best For Better Returns

This is the sound advice that the Cass City Farmers Produce Association in Tuscola county gives in recommending Michigan Farm Bureau Milkmaker to its members who milk cows.

"Your cows are working night and day for you; they need the best. Milkmaker is a dairy ration with which you can use your own grains—ground oats, corn, barley, etc.," says this progressive association.

Nearly 200 Michigan co-operative associations are giving similar advice to their members today. Milkmaker gets the most milk for the lowest investment in feed and keeps the herd healthy. It is a combination of ten choicest milk producing feeds. The formula is given pound for pound on every bag. Not an ounce of filler in Milkmaker. It is perfectly mixed, always fresh and palatable.

Ask your co-op to supply you with Milkmaker dairy ration. Write for our interesting booklet on Milkmaker.

MICH. STATE FARM BUREAU
Purchasing Dept.
Lansing, Mich.

Do You Know--

That when you ship your live stock to the co-operative commission houses of the Michigan Live Stock Exchange at Detroit and East Buffalo, your own salesmen secure for you the best price your stock will bring?

That these co-op commission houses return to shippers the savings they make? That last May the Michigan Live Stock Exch. co-op at Detroit returned 10 pct of all commissions on the first year's business?

That you should belong to your local live stock shipping ass'n and for the above reasons ship to

Mich. Livestock Exch.
at Detroit
Prod. Co-op. Com. Ass'n
at East Buffalo

\$10,000 DAMAGE CASE

Sued While Touring in Oregon

Boyer City, Michigan, October 20, 1923.

Citizens' Mutual Auto Ins. Co., Howell, Michigan.

Gentlemen: I have just been advised that the suit started against me for \$10,000 as the result of an automobile accident which occurred the 4th day of August, near Salem, Oregon, in which Mrs. Alice Lenon was fatally injured, was adjusted and dismissed. I wish to say that my wife and I are greatly pleased that this matter has been disposed of.

We have lived in Michigan a long time and were taking a trip this summer, going to California. When this sad accident occurred in Oregon, it took the pleasure out of our trip. When they held the inquest and later started suit against us, we were very thankful that we had an automobile insurance policy. While we had been a member of your company for a number of years we had never needed this protection before. Your Secretary, Mr. Robb, came to Oregon to give his personal attention to this matter. From his large experience in handling personal injury claims and his knowledge as a lawyer, we found that he was able to cope with the attorneys who had been employed to try this case against us and now that the matter has been adjusted so that all parties are satisfied by the payment of a total expense of \$1,961.00, we are greatly relieved. Any one who has ever been in an accident of this kind can appreciate the consolation of service.

We thank your company for the services rendered and for the able way in which this case was handled. Sincerely yours,
(Signed) S. B. Stackus.



There's No Robe Like This for Quality and Price

Above is an excellent likeness of our Michigan Farm Bureau Auto Robe, a splendid, heavy wool robe that will meet every winter requirement. It measures 60 x 72 inches. Color, dark red and black plaid. Auto robes of this quality can not be had elsewhere today short of \$9. The Farm Bureau robes are offered at \$6.50 postage prepaid.

Still a Few Michigan's Left

This is about your last opportunity to secure a Farm Bureau "Michigan" single bed blanket. We have only a few left and they cannot be replaced at our present price. It is a thick, fluffy blanket in beautiful small tan and white checks, just the thing to use in place of a quilt. It is 75% virgin wool, made on a very fine cotton warp. An exceptional value at.....\$7.50

Horse Blankets Getting Low

We have just 24 pairs of Farm Bureau horse blankets left. They are heavy grey, all wool and measure 6 ft. 3 in. by 7 ft. 9 in. They are without straps. We offer these horse blankets at \$8 each or \$15 a pair. These blankets could not be replaced today for \$22 a pair. While they last, they're a bargain.

Your money back without a moment's delay if these blankets are not exactly as represented and satisfactory.

MICHIGAN STATE FARM BUREAU
Clothing and Blankets Dep't.
221 N. Cedar St., Lansing, Mich.

HOGS WILL MATURE EARLIER

If You Feed 'Em Detroit Star Brand Meat, and Bone, Hog Digester Tankage

Builds bone and muscle on young pigs. You can market two months earlier than by feeding with corn alone, besides brood sows will eat NONE of their young'uns.

"There's a Difference in Condition of Hogs"



DETROIT PACKING CO., Detroit, Mich.
Give this product a trial! It means money for you. Guaranteed 50% protein. Packed in 100 lb. bags.
Your local co-op. manager or the Michigan State Farm Bureau will take your order and fill promptly.

REAL SHROPSHIRE RAMS

Farm Bureau members have surely secured some good ones. To close out we are offering twelve. Your choice for \$25.00. They are real bargains.

Duroc Boars

Boar pigs, big boned, big framed spring pigs, sired by a 1,000 lb. boar. As low as \$30.00. You can't afford to use a scrub. Let's get together. Follow M-29 to

KOPE-KON FARMS, Coldwater, Mich.



MODERN POULTRY BREEDER

Read These Great Poultry Articles

"HOW TO FEED FOR WINTER EGGS" by Professor E. C. Foreman of M. A. C.

MARKETING EGGS FOR GREATEST PROFIT. Opinions and articles by poultry and marketing authorities. Collected and edited by R. S. Rathmer, Editor.

ACTUAL COST OF PRODUCING EGGS by P. L. Sanford, formerly of Penn. State College, now of Ferris Leghorn Farms.

GETTING POULTRY READY FOR WINTER by E. A. Ridenour, practical poultry woman and writer. Above are only a few of the poultry helps you will find in the "Breeder."

IF YOU WANT MORE EGGS AND BIGGER POULTRY PROFITS, SUBSCRIBE NOW.

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