

## Behind the Wheel

with J. F. Yaeger,  
Organization Director

### Like a "Best Seller"

Joe Berlin never eats a noon meal. That's how he happened to talk with him while the rest of the folks were eating at the Rankin (Genesee County) meeting the other day. I had not expected a dinner and had eaten before I arrived. That left Joe, his right name is not Joe at all but John, and I to entertain each other. He did all the entertaining and I was glad to listen. He told me the story of his life; it was like a novel, a "best seller". It dealt with a home in Germany and a father sold on military discipline; with escape from the German navy and recapture in France; with a trip half way around the world and another escape and capture by the Turks; with his coming to the United States and his family believing him dead. Then a return trip to Germany, the first homesickness and again arrest by the Germans. Then came intervention by the American consul and release. Another journey, sightseeing this time, through the Mediterranean countries, arrest as a spy and again release and the return to America and the buying of a farm in Genesee County, marriage, a family and success.

I listened spellbound for nearly an hour. Someday I'll take the time to visit Mr. Berlin and get his story in more detail, if he's willing, and write it for readers of The Farm News. That trick of not eating a noon meal came from being on duty during the noon hour while a boy in the German navy. Too tired to get a lunch afterward and not eating gradually became a habit which carries over to this day. But that means dinner promptly at six p. m. That's how it happened that while the rest of the folks were busy at the table, Mr. Berlin talked while I listened.

**Formerly a Hollywood Electrician**  
Up in Presque Isle County lives a former Hollywood electrician who decided he'd become a farmer. His name is Leonard Pooch. Chicken farming is his vocation. His hobby is what interested me, however. That hobby is doing things with a combination of water power, electricity and wild life. Mr. Pooch has rigged up a box so that a stream will run over a 15 foot waterwheel and generate electricity enough to light all the lamps on his farm and those of the neighbors as well as supplying them with power to run motors. His fences are wired so that anyone crawling over them sets off an alarm at the house. The mailbox is wired so that when mail is deposited therein a light glows at the house making the folks aware of the fact. A pool is stocked with trout. Over this a light burns on summer nights and as bugs and flies are attracted to the light and burned they drop into the pool to feed the fish. It's all very interesting. The stream is fed by springs and flows at the rate of 282 gallons per minute. Mr. Pooch plans on erecting a 30 foot wheel to replace the 15 foot one thereby developing more power.

**Nothing Quite So Dreary**  
There's nothing quite so dreary and bleak as a resort town in the winter. I visited quite a few recently in a trip through the north. It was still winter up there (4th week in April). Snowplows were working and lakes showing little water through the ice. They leave you with a feeling that the hibernation period is not yet over with. The big hotels are closed and in those that have a few rooms opened for early fishermen or traveling men most of the beds and furniture is still stacked as it was last fall. Few people are on the streets. The notion stores are closed, as are many restaurants. A few weeks from now those places will be opened and doing business in great shape. The streets will be bustling with people and activities of all sorts. But in mid-winter—well, it's a different town altogether.

**73 Above to Below Freezing**  
One of the greatest changes of weather I ever ran into occurred April 20th. I left Lansing with the temperature at 73 degrees above zero and five hours later drove through a raging blizzard at Ellsworth with the temperature well below freezing. That morning it was spring while the late afternoon was anything but springlike. The next morning the snow plows were called out to clear the roads and for two days I waded through snow and slush and sleet. After that it warmed up again.

**All Farm Bureau Members**  
Over in Jackson County there is a four mile stretch of road south of Rives Junction and two miles west where every farmer is a Farm Bureau member.

(Continued on page 2)

## EXPECT MANY TO APPLY FOR GRANT UNDER SOIL ACT

Farmers Turn Out to Hear It Explained; Groups At Work

Attendance has been large at local meetings held throughout the State by county agricultural agents and others to explain the Soil Conservation Act as it will apply to Michigan. It appears that many farmers want to qualify for the two classes of federal grant under the Act: (1) \$10 per acre up to certain limits for changing soil depleting crops in 1935 to soil conserving crop acreage in 1936; (2) \$1 per acre grant on all acres in soil conserving crops in 1936, providing the farmer earns it by performing certain soil building practices anywhere on his farm.

At this time it is impossible to estimate how many Michigan farmers will participate in the Soil Conservation Act. The interest indicates that the number will be large.

**Local Committees Busy**  
For the past month county and township soil conservation act committees have been getting "work sheets" into the hands of every farmer in their territory. Farmers are asked to compile the number of acres they had in soil depleting and soil conserving acres in 1935, according to definitions furnished. Thus, they establish their soil depleting and soil conserving acreage basis.

These work sheets are turned back to the County Soil Conservation Act Committee to be the ground work for determining payments later.

The farmer goes on with his 1936 crop program in the usual manner. He may make changes in his plans in order to come under, or to participate more fully in the Soil Conservation Act. Later in the season he may make application to the County Soil Conservation Committee on forms to be provided for Class 1 (\$10) and Class 2 (\$1) grants, in accordance with his performance with the Conservation Act program. The committee will arrange for checking up on his compliance. If the application is correct and compliance has been made, the payment will be recommended to the Secretary of Agriculture at Washington.

Farmers may secure work sheets from soil act township committees, or from their county agricultural agent until further notice. No contract is involved under the Soil Act.

**Classification of Land**  
Classification of land as soil depleting or soil conserving depends upon the crop grown. If two crops are grown on the soil during the year, one of which is soil depleting, the soil depleting crop determines the classification.

**Soil Depleting Crops**  
Barley, oats, wheat, rye, buckwheat when harvested for grain or as hay. Corn, Sudan grass and millet for hay, seed or pasture. Soy beans for grain or hay. Truck and canning crops, Potatoes, beans, chichory, field peas, sugar beets, sunflowers, mint. Contracted AAA acres in 1935, regardless of crop grown thereon.

**Soil Conserving Crops**  
Only when no grain crop is harvested during the year: Alfalfa, red, alsike, mammoth, white, sweet clover, vetch, June grass, timothy, red top, orchard grass, Reed's canary grass. Soy beans and cow peas plowed under as green manure. Forest trees planted on crop land since Jan. 1, 1934.

**Neutral Lands**  
Not to be counted in establishing base: Idle crop land and summer fallow in 1935; all waste land, roads, lanes, yards, etc.; Woodlands, except plantings since Jan. 1, 1934. Permanent pasture. Wild hay land. Orchards and vineyards.

The limit for payment of \$10 per acre for converting acreage from soil depleting crops to soil conserving crops is 15% of the soil depleting crop acreage of 1935.

Soil building payments of \$1 per acre shall be limited to the number of acres in soil conserving crops in 1936, and shall be earned by performing certain soil building practices anywhere on the farm.

Assume that one had 24 acres of soil conserving crops in 1936. His soil building grant limit would be \$24, providing he earned it by doing sufficient of one or all of the following soil building practices:

## Lincoln Spoke at Kalamazoo In Campaign Year 1856

Only Address in This State Was on the Issue Of Slavery

From the top of an Indian mound in Kalamazoo, Michigan, on the 27th of August, 1856, Abraham Lincoln delivered one of the most important political speeches of his career. Dr. Louis A. Warren of the Lincoln National Life Foundation has written in his Lincoln Lore.

"Early in the year," wrote Dr. Warren, "Lincoln was mentioned as a candidate for the governorship of Illinois, and in June at the Republican convention in Philadelphia he received 110 votes as a nominee for vice president of the United States. Hence it was no obscure speaker who addressed the 10,000 citizens of Michigan on behalf of the Fremont and Dayton ticket in 1856."

"Just what induced Lincoln to accept an invitation to speak in Michigan is not known. On July 12 he wrote to a friend who had invited him to come to Iowa. 'I am superstitious. I have scarcely known a party preceding an election to call in help from the neighboring States but that they lost the State.' He said he would come, however, if the Democrats had called in 'foreign' speakers. One might conclude that the presence of Lincoln in Michigan was due to the fact that the Buchanan forces of Michigan had called in 'foreign' speakers. There is no evidence that Lincoln left the State of Illinois during the campaign of 1856 except for the Michigan engagement.

The main question Lincoln discussed at Kalamazoo as well as at

other points during the campaign was the extension of slavery. He said, 'The question is simply this; shall slavery be spread into the new territories or not? This is the naked question.'

In the campaign of 1856, Mr. Lincoln made some 50 speeches, no one of which he could remember had been preserved in print. However, the Kalamazoo address was.

Lincoln made two visits to Michigan, to Kalamazoo in 1848 and 1856. He was reported at Niles in 1856, evidently as part of the Kalamazoo trip.

Mr. Lincoln was 47 years old when he came to Kalamazoo in 1856. Four years later he was elected president of the United States. The impression seems to prevail among many, says Dr. Warren, that Lincoln's knowledge of the country as a whole was very limited. In fact, at the time of his nomination in 1860, Lincoln had been in every city in the United States of over 50,000 population with the exception of San Francisco. At this time there were 34 States in the Union. Lincoln had visited 23 of them and had spoken in 17 of them. He had also been across the boundary into Canada. There were just nine cities in the United States with populations over 100,000: New York, Philadelphia, Brooklyn, Baltimore, Boston, St. Louis, New Orleans, Cincinnati and Chicago. Lincoln had visited each one of these cities and had made public addresses in more than half of them.

The population of the United States in 1860 was 26,706,425. Today it is in the neighborhood of 130,000,000.

## NEARLY 600 MILES OF RURAL LINES ARE UNDER WAY

Farm Bureau, Grange, College Plan Brings Service to Many This Year

During the first three months of 1936 more than 500 farm power line extensions—mostly short—have been built or approved for construction under the Michigan Plan, developed by the Michigan State Farm Bureau, State Grange, and State College in co-operation with the Michigan Public Utilities Commission and the engineers of private and municipally owned power companies in Michigan.

Under the Michigan plan, the idea is that the power companies shall build farm power line extensions at their own expense, and that farmers shall agree to take electricity in volume that will support the line.

**Three-fifths of State**  
Three-fifths of lower Michigan is under the Michigan plan by reason of Consumers Power and Detroit Edison Companies' acceptance of the program. The plan requires an average of five customers per mile for a free line. In Consumers territory, each of the five guarantees a \$2.50 minimum bill. There is no guarantee in Detroit Edison territory.

Here are the number of miles of farm power line extension built or approved for construction in the two territories since Jan. 1. Also the number of farm families these lines will bring electric service:

	Built or Approved	Families to Be Served
Consumers Power	409 mi.	1,931
Detroit Edison	187 mi.	1,019
	596 mi.	2,950

Other companies which have adopted the plan, with modifications, are the Citizens Light & Power, serving parts of Lenawee and Monroe counties; the Cliffs Light & Power serving Marquette county; and the Edison Soo Electric, serving Mackinac and Chippewa counties. Several of the smaller power companies of southern Michigan are working upon application of the plan.

Month by month reports of construction are available so far only from the Consumers and Detroit Edison.

**More Coming**  
Interest continues strong in the Michigan plan. Most of the foregoing construction was laid out or started by community groups and construction crews despite the severe winter weather. As the weather improves, the rate of construction is stepping up. Many new petitions for lines are being received by power companies.

## Cold Storage Egg May Become a Curiosity

The ever increasing supply of fresh eggs the year round indicates that the end is near for the cold storage egg trade. Time was when it was a profitable business to buy eggs when they were in flush production and cheap and store them until nature cut down the barnyard production and prices soared. But those times have changed. Breeding, feeding and poultry management methods now provide us with early laying birds that are in peak production all winter. Bakers and housewives have turned from storage eggs to powdered eggs usually made from fresh eggs that may be checked or small. So the cold storage egg business is not what it used to be. Far from it.

## CALHOUN BUREAU ADVISES PAPERS

Mistake to Curtail News and Market Service to Farm Readers

Marshall—At its recent annual meeting the Calhoun County Farm Bureau suggested to Battle Creek daily newspapers that it would be a mistake to curtail news and market service to their rural readers. The Farm Bureau invited a conference with the newspaper managements on the subject.

Light farm trucks do no more harm to highways than passenger cars, and they should not be singled out for excessive license fees, said the Calhoun Bureau in another resolution. It was urged that trucks and passenger cars be treated alike on the matter of license cost up to 5,000 lbs. in weight. The State Farm Bureau was asked to present the proposal to the next legislature.

The State Farm Bureau was congratulated for its work in securing removal of the sales tax on farm supplies; also for its support and contributions to the Act providing, more State aid for local schools. The State Farm Bureau was commended for the part it has taken in developing the Michigan plan for rural electrification. This is the plan whereby power companies build the farm line extensions at their own cost, in exchange for revenue that will support the line.

The Calhoun Farm Bureau endorsed the soil conservation act and the Frazier-Lemcké farm mortgage relief bill now pending in Congress.

**Farm Bureau Radio**  
State College WKAR, Saturday noon at 12:30—On May 2, J. F. Yaeger, director of organization, Michigan State Farm Bureau, May 16, R. Wayne Newton, legislative counsel. 15 minute talks.

## NORTH'N MICHIGAN CARRIES ON FARM BUREAU ACTIVITIES

J. F. Yaeger Addresses Series Of Meetings; Thumb Counties Busy

Early spring, 1936 interest in Farm Bureau activities was climaxed in the northern part of the Lower Peninsula of Michigan with a series of well attended meetings the week of April 19. These were held at Ellsworth, near Charlevoix, Boyne City and Rogers City. Each was sponsored by Farm Bureau leaders of those communities in conjunction with the local co-operatives.

**At Ellsworth**  
On the evening of April 20, forty-three men braved an unseasonable blizzard to gather at an Ellsworth resort hotel opened for the occasion through the courtesy of the management. In spite of the drifting snow, which on the next day required the attention of plows, the group refused to hurry home. It was nearly midnight before the last cup of coffee and fried cake had been consumed and the last question asked of the speakers. There was much interest shown in the Farm Bureau program, particularly in the possibilities of applying the Farm Bureau plan for rural electrification to that territory. The refreshments were served by the Ellsworth Farmers Exchange which is capably managed by Mr. Bernie Klooster. Mrs. Klooster and the wives of employees at the elevator assisted in serving the luncheon.

**Charlevoix County**  
On the following evening, April 21, eighty-seven men gathered at the Marion Center Grange Hall near Charlevoix to enjoy a supper served by the ladies of the local Grange. The program, included a talk by County Agricultural Agent B. C. Melencamp who pointed out the advantages of farmer co-operatives in the community. He spoke especially of the co-operative creamery at East Jordan, a neighboring community. Mr. R. K. Paddock, manager of the co-operative at Charlevoix and Mr. Peter Wieland, president of the Ellsworth Co-operative, and local representative of the Farm Bureau were also on the program.

**Boyer City**  
At Boyer City, Manager Dillworth of the Boyer City Co-op sponsored the meeting which was held in the Boyer City Library on the evening of April 22. The formal speeches were followed by a lively discussion of the Farm Bureau program. A poll of those present taken at the conclusion of the session showed the gathering decidedly of the opinion that the Farm Bureau program had been very much to the advantage of Michigan farmers. Similar polls conducted at all the meetings brought out the same conclusion. It was also discovered that by far the greater majority of farmers in the various communities preferred Farm Bureau merchandise to other brands.

**Rogers City**  
On the evening of April 23, 185 men and women gathered at the Rogers City German Aid hall to enjoy a program of entertainment and discussions. Led by the son of Mr. Albert Dietz, manager of the Rogers City Co-op Mktg. Ass'n, a trio of musicians presented some very fine musical numbers. Mr. Fred Dobbyn and Mr. J. F. Yaeger, district representative of the Farm Bureau and organization director respectively, led the discussions which was also the case at the other meetings. Prizes of feed and other merchandise were given by the Co-op Ass'n at each of the above meetings.

Farm Bureau leaders in the various communities are inviting farmers who attended the meetings and others to membership. It is expected that strong Farm Bureau organizations will result in each community.

**Shiawassee County**  
Farm Bureau activities continued throughout other sections of the State with ever increasing popularity. In Shiawassee County, at the Maple River Church, on April 3, 47 families were pleased with a program of music and talks. Miss Esther Hubbard, daughter of President Hubbard of the County Farm Bureau, sang several vocal numbers very pleasingly and led the community singing. Mr. Hubbard presided. Discussions following a co-operative supper completed the program.

**Mt. Pleasant**  
The Community Farm Bureau at Mt. Pleasant met on the evening of April 8. Talks were made by Mr. C. L. Opendlander, Farm Bureau district representative, and County Agricultural Agent James Breyfogel. The program followed a co-operative supper. Mr. Ray Cook, manager of the Mt. Pleasant Co-op Elevator, also gave a short talk. Thirty-five farm families were represented. Plans were made for Farm Bureau Junior League work in the community with several of the younger folks expressing interest.

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## Presidents of Michigan County Farm Bureaus

The largest County Farm Bureau president, if not the largest Farm Bureau member in Michigan, is Mr. Alfred Grueber of Frankenthum Township, Saginaw County. Weighing over 300 pounds and about 6 feet, 6 inches tall, Mr. Grueber is a commanding personality in any meeting.

Seventeen years ago, Mr. Grueber called together farmers of his community in what was the first Farm Bureau meeting ever held in Saginaw County. Since that time he has been active in Farm Bureau affairs. He has been a member of the County Farm Bureau board for the past eight years and recently was named president of the county organization for the fifth consecutive year. He has been chairman of the Frankenthum Farm Bureau local ever since there was a Farm Bureau there.

Not a politician and never having held a political office, Mr. Grueber's advice is sought by political leaders. A leader in community and in county affairs, Mr. Grueber is a fair and honest force that must be recognized. Mr. Grueber farms 75 acres, growing certified grains and potatoes. He does some dairying, raises pork in the summer and butchers in the winter. He makes sausages and smoked meats that are in demand by an exacting clientele. In fact so great is demand that at times Mr. Grueber is fresh out of sausage.

He is also a member of the Saginaw County Fair Association which promotes one of the finest exhibitions in the State, and has a reputation for really fine agricultural exhibits. Mr. Grueber is the proud father of three boys and two girls, all at home.

## RAPE, S. CLOVER SHEEP PASTURE

Late Summer Feed Can Be Had by Making Plans Now

Sheep raisers who depend upon June grass pasture to carry their flocks through the summer can increase the amount of mutton produced by the flock by sowing supplementary pasture in the spring, according to the animal husbandry department at Michigan State College.

Rape or sweet clover can be sown in the spring grains and will provide pasture in the months when June grass is dried out by heat and lack of moisture. Only a few pounds of seed of either plant is required to start a crop which will furnish a lot of pasture. Rape also can be sown in corn fields at the time of the last cultivation.

Good pasture is necessary in economical mutton production. Market topping lambs can be grown in four months without supplementing the pasture with grain. This can be done only when the pasture supplies constant amounts of feed, as is furnished by alfalfa or sweet clover.

Sheep should be full fed before being placed on alfalfa pasture and should then be left there continuously. Shifting the flock from alfalfa to some other type of pasture and then back again is apt to result in cases of bloating.

Last year's champion flock master in Michigan used alfalfa pasture until it became evident that he would need the second cutting for hay. He then shifted the flock to stubble fields in which sweet clover and rape had been sown. This furnished satisfactory feed the rest of the season.

Lambs can be run in corn fields in which soybeans or rape has been sown and no damage will be done to the corn. The lambs will clean up the pasture plants. Second growth on clover or timothy meadows furnish one pasture but usually lambs on this feed will need some grain in addition.

**Weather, Crop Report**  
Week Ending April 28  
April has been an unusually cold month. In fact, all months since November 1935 excepting March have been decidedly colder than normal, said the U. S. Weather Bureau at East Lansing in its weather and crop summary for the week ending April 28.

## HAS SUGGESTIONS FOR THOSE SEEKING ELECTRIC LINES

Object of New Plan to Get Service to as Many As Possible

Short farm line extensions predominate in 409 miles of rural construction approved by the Consumers Power Co., under the new farm line program, according to Mr. Herman J. Gallagher, farm service supervisor, in this article. Mr. Gallagher makes some timely suggestions to Farm News readers interested in electric lines.

"The average length of each project to date is only 1.23 miles. The majority are for fractions of a mile. A number of the projects range from 1 to 10 miles in length. It is natural that the shorter extensions be presented first as they are more easily agreed upon in the communities. A number of long projects are still in the formative stage.

"The time necessary to secure a right of way is a comparatively simple matter in a short line, but the task may become involved on long extensions.

**Don't Wire Too Soon**  
"In some instances," said Mr. Gallagher, "buildings have been wired as soon



HERMAN J. GALLAGHER

as requests for service have been signed. It should be understood that a request for service is not a contract for service. Even though the request meets all the requirements as regards the average of five customers per mile and the revenue guarantee, the line may not be built because of right of way difficulties, or because some of the original signers may have changed their mind and thus defeat the project. No buildings should be wired until the contracts for service are signed by the authorized representative of the company as well as the customers, or until the pole line is staked and notification to wire premises has been given.

"One of the features of the new rural electrification plan is to include as many customers on each extension as possible and not let community difference of opinion result in one group refusing to sign on the same extension with an adjacent group.

**Guarantees Are Adjustable**  
"If in a two mile extension with seven customers on the first mile and three on the second mile, the seven decide to take service and drop the three on the second mile because of a higher pro-rated minimum, they should consider that they can establish a different minimum guarantee on the first mile and on the second mile, as long as the aggregate for the two miles is \$25.

Miles of Line asked.....	409.28
Extensions submitted.....	332
Av. Length, Extension.....	1.23 mi.
No. farm customers.....	1,931
Non-farm customers.....	412
Total customers.....	2,343
Average per mile.....	5.7

"This isn't a plan to serve only the more densely populated areas, but a plan to serve any area where there is an average of five farm customers or its equivalent per mile. Some projects have qualified where there are stretches of a mile or more without any customers but where the total extension averages at least five customers per mile.

**Comparing New And Old**  
"On the Consumers 'regular plan', requiring a guarantee of \$12.50 per mile per month, two-tenths miles of line will be built for one customer on a guarantee of \$2.50 per month. On the Consumers 'optional' or \$1,000 a mile plan, two-tenths of a mile can be financed for \$200, less an allowance of \$100 for each farm customer. No guarantee is required under this plan. The cost to one farm customer financing two-tenths miles of line would be \$100.

"Some farmers have confused the advantage of the two plans. Recently a farmer wanted to pay the \$100 for two-tenths miles of line so as not to be bothered with a \$2.50 minimum monthly bill.

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# MICHIGAN FARM NEWS

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**EINAR UNGREN** Editor and Business Manager

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## Why Farm Road Taxes Have Gone

Our 85 year old township road system became history last month, when county highway commissions took over the last 19,000 miles of township road under the provisions of the McNitt Act of 1931.

The Michigan State Farm Bureau might well have paused to mark the moment. Back in 1921 the Farm Bureau launched an organized farm movement to transfer the burden of highway construction and maintenance from farm lands to all the people who use the roads, and in accordance with their use of the roads.

The Farm Bureau began by advocating a two cent gasoline tax for State trunk line purposes and to retire \$50,000,000 in State highway bonds. For a number of years the rapidly growing State highway system consumed all the proceeds of the gasoline tax and half the amount paid for automobile licenses.

In the late twenties the Farm Bureau launched another drive to get money from the State highway fund for township and county roads. The Farm Bureau stated clearly that its purpose was to work out a system whereby all Michigan highways should be financed by State gasoline and license tax money.

The McNitt Act came in 1931. From the State's share of the license tax money it appropriated \$2,500,000 to the counties for township roads. The counties were to take over 20% of the township roads each year for five years. They were to receive an additional \$500,000 each year until the total should reach \$4,000,000 annually, as it now does.

The Horton Act of 1932 had Farm Bureau support because it's purpose was to complete the job of removing the highway tax from the farmer's tax statement. The Horton Act provided that thereafter the counties should receive all of the license tax money, and that the McNitt money should come from the gasoline tax funds, first participation in the fund by local roads. The Horton Act also provides that the second half of the license money should be used first, to retire local road debts and second, to build and maintain local highways as needed.

The counties now have about 80,000 miles of highway in their care. Farmers have seen their highway taxes shrink to almost nothing, especially in the last few years. The Farm Bureau might well pause to review the completion of its long time highway program.

## Passing of the Roll Call

The familiar and often tedious task of calling the roll will be missing when the Michigan house of representatives of 100 members convenes next January.

Roll calls are to be registered electrically. The American Signal Company is to install a \$33,500 electric voting system for use during the 1937 session. If the house is satisfied with it, an appropriation will be made to meet the cost. Otherwise, the company will remove the system without obligation to the State.

The system will provide each legislator's desk with buttons to register a "yes" or "no" vote, which will be shown by signal lights opposite the member's name on a large illuminated board near the speaker's rostrum. Those not voting will be registered automatically by another signal light "not voting" when the clerk acts to make a permanent record of the vote. We understand that will be done by inserting a printed list of the members' names into the recording machine. The vote as shown on the board will be stamped on the list for file purposes.

It is claimed for the system that the 100 votes in the house can be taken in a few seconds of time. Calling the roll is slow business at the best.

## Across the Editor's Desk

"Forty to 50 per cent of Sweden's agricultural area is electrified, and in Germany 8 out of every 10 farms have electric service. In Holland, except for a few individuals living on scattered islands, almost 100 per cent of its agricultural population has electric service.

"We think of the almost proverbial poverty of Japanese families, because for every dollar an American receives, a Japanese is paid only about 12 cents. Consequently, we are surprised when we learn on the best authority that Japan enjoys nearly universal electric service—electricity reaching over 90% of all Japanese homes." Morris L. Cooke, Rural Electrification Administrator, before the New York State Grange.

## 13 cents of Power Per Cord

"The thing that has made me more interested in electricity than anything else is to recall the days when my older brother and I were given the task of sawing down, sawing and chopping into stove length ten cords of wood each year for the winter's fuel supply. We were supposed to get it done by strawberry picking time, but we were almost always lagging behind. Now when I read that 13 cents worth of electricity will saw a cord of wood into stove lengths, you can bet your bottom dollar I am going to earn 13 cents some how rather than go back to sawing wood with a buck-saw."—Murray Lincoln, Secretary of the Ohio Farm Bureau Federation.

## A Farm House Discussion Group

"I had the good fortune of being out in Iowa last winter with a county agent. He said to me: 'Your train doesn't go until 10 o'clock. We have a discussion group that is meeting in a farm home. I would like to take you out there before you go.'

"We went out to this farm home, where six cars were parked. As we came in, I smelled coffee. We took off our overcoats and went into the front room. I said, 'these are my folks.' You see I was born and brought up in southwestern Iowa. There were about 10 families there. They had all the chairs and rocking chairs around in a circle. They had one of the best discussions I ever listened to on what kind of rural life should be looked forward to in Iowa."—M. L. Wilson, Assistant Secretary, U. S. Dep't of Agriculture.

## Change The Scene To Italy and 1936

"We know that years ago at the peace of Paris in 1870, Germany was not interested in capturing a very limited territory that was then known as Alsace and Lorraine. Her interest wasn't in mere acreage, in the mile-age acquired. She was primarily interested in iron and coal. Certainly, those men who thought that all realized that in order to get those two essential commodities they didn't want to have to pay the price of acquiring some dozen other difficult problems. If men had really tried to think, if men had tried to think and really cared, they might have found some way of getting these basic raw materials to Germany, to a country that was organized late in the life of nations and felt the essential need for those raw materials."—John G. Winant, former governor of New Hampshire.

## Financial Protection Can Be Had

When a man feels the burden of debt upon himself, he should realize what it would mean to pass this burden on to his wife and family, along with other expenses his death might bring to her.

Life insurance records show that daily 3,800 Americans have but one more day to live. In 1934 life insurance companies paid over 80,000 death claims upon which insurance had been in force for less than one year.

Last year life insurance companies paid to the beneficiaries of deceased policyholders nearly one billion dollars, and they paid to living policyholders more than a billion and a half dollars.

In our opinion, life insurance is the one investment that constantly improves in value with age. It's the certain method for accumulating a snug estate as one goes through life. It's the only method that guarantees the estate to one's dependents, should the estate builder be taken away. It can protect and complete the purchase of a home or business. A crowning satisfaction lies in the fact that so many policyholders live to enjoy income and security from their insurance in their later years.

Uncle Ab says that by the news-papers the milk industry is due for a long pull and tight squeeze.

Michigan is unusually high in its male population. There are 108 males for every 100 females.



## The Truant

It's a great old world we live in. I can see from where I sit Scores of things that make it greater—and I don't see half of it. Scores of things that make it happier; a gayer sweeter place For the slow transition upward of the stubborn human race. Scores of things I see bear witness to the Father's loving care. Scores of glad little voices sing His praises everywhere.

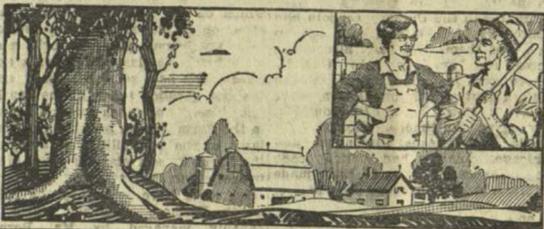
Martha thinks I shouldn't be here on a Sunday afternoon, Prophesies in indignation righteous vengeance coming soon On the ossified old heathen who profanes the Sabbath Day And counts the brook's seductive wiles that fish men's souls away. Says I squander more on tackle than she spends for shoes, Says she cannot understand me, and moreover what's the use!

Now, I love my good wife Martha more than anything on earth, (If I loved her ten times over 't would be less than she is worth) Well I know that her religion is profound and real and true, More than likely when she jaws me I deserve a talking to, But I run a fishing fever when the year approaches May And here I sit a-fishing—on the Holy Sabbath Day.

There's a pair of redwing blackbirds over by the bushes there, Sort of sweethearts, I imagine, and a sentimental pair. "Right in this stool of cat-tails is a dandy place", says she. Well, this log that I am sitting on is good enough for me, But I feel an inward lifting at the blackbird's burbling peal That stimulates my ego and is mighty nice to feel.

Observe that gentle ripple by the corner of that rock? There's a muskrat there a-gnawing on a root of spatterdock. Watch him squiddle in the water, taking now and then a swim And now and then a sun bath, as serene the best to him. What's that floating on the eddy over there beyond the rap? Looks like a mouse in swimming—Holy Mackerel! Look at that!

Did you see that trout break water! I'll bet he weighs a pound! I just can't take it easy with the likes of him around. I'll come down here with some tackle when the season opens, sure, And I'll show that fellow something that he never knew before. Wait till I go home to supper. Wait till I tell Martha this. Folks that sit at home on Sunday never will know what they miss.



## Behind the Wheel

(Continued from Page 1.) member. There are 36 families living along there. A recent effort in that county doubled the membership. Seventy-three new members were signed by two men in 10 days. And so it goes. Farmers are accepting the Farm Bureau with open arms if only someone will tell them what it is all about and invite them to become members.

**The Forgotten Member** Even good management and adequate financing are not enough to assure success to co-operatives. There is one fundamental weakness that is too apparent in many of the associations. This is the factor of "membership relationships."

I note almost an unconscious tendency in many places to overlook the place of the producer and his own peculiar interest in the co-operative enterprise. He is becoming too nearly the "forgotten man" in some of the larger co-operative units. He is not kept informed and he does not understand what is going on. Ways and means must be devised to keep his interest and to make him enthusiastic for his own institution. He must have a stake in it. He must know of its difficult problems. He must more fully realize its limitations and he should be aware of the intense competition and the almost vicious antagonism with which his organization is constantly dealing.

There is an apparent need of finding superior ways and means than are now practiced to bring the local member closer to his business institution that he may support it with more understanding and with a clearer idea of what it is all about. After all, the foundation for successful co-operation is the individual and his attitude of mind. It is because of this fact that we are interested in this particular problem.—Frank Peck from Potato Growers Exchange.

## Northern Michigan Has Farm Bureau Activities

(Continued from page one.) est in the organization of a Junior League in the community.

**Snover, Sanilac County** Mr. Harry Coombs of the Tennessee Corporation, manufacturers of Farm Bureau fertilizers, and Mr. Yaeger, spoke before a crowd of 300 farm folk at a Farmers' Day gathering at Snover on April 15. Motion pictures shown by representatives of the International Harvester Company, music and short talks by County Agricultural Agent Russell Waite and Chester Graham, secretary of the Michigan Farmers Union, completed the day's program. All speakers stressed the co-operative movement and urged farmers to become more thoroughly organized.

**Rankin and Crosswell** The Community Farm Bureau of Rankin, Genesee County, met in the Presbyterian Church on the evening of April 24, and the Community Farm Bureau of Crosswell on the evening of April 28. Both meetings were well attended, over 50 being present at each place and co-operative refreshments enjoyed. Both places celebrated recent increased memberships. The Rankin group has doubled its membership while the Crosswell group added 52 members in the last two weeks.

**Lapeer County** Other community meetings were held at Columbiaville, Lapeer county, with Mr. C. L. Brody, secretary-manager of the State organization as speaker. In the same county at Had-

ley and at Imlay City, Wayne Newton, legislative counselor of the State Farm Bureau discussed the legislative program of the organization. Over 80 members of the Burnside Community group met to participate in and listen to a local program of entertainment and discussions.

**Monroe County** A small group of farmers gathered at the home of Mr. Allie Stuart at Petersburg, Monroe county, on the evening of April 28, with Mr. Alfred Bentall of the Michigan State Farm Bureau as the speaker.

**Visit State Headquarters** A group of over 50 Farm Bureau folk from Jeddo, Yale and Crosswell were guests of the State organization at Lansing on April 8. They inspected the offices and warehouses and seed cleaning departments and were addressed by Mr. Brody.

Membership work is being conducted in various sections of the State. The memberships of Sanilac, Lapeer and Jackson Counties have been materially increased during the month. Jackson County alone added 73 new members in 10 days while both Lapeer and Sanilac Counties added over half a hundred new members to their roll. Work now being conducted in Livingston County already has added 30 new members to that county's list in the past week and more new members are being added every day.

**Ogg in Northwest Counties** Secy W. R. Ogg of the American Farm Bureau attended a series of regional Farm Bureau meetings at Manistee, Traverse City, Scottville, Fremont and Bear Lake early in April. C. H. Bramble, master of the State Grange, and James Thompson, commissioner of Agriculture, were also speakers at several of these meetings. Mr. Ogg spoke on the national farm problem at some meetings, and discussed the soil conservation act at others.

## WOOL ASS'N THINKS LOWER PRICE IS NOT WARRANTED

Facts on Wool Don't Support Seven Cent Drop at Shearing Time

By STANLEY M. POWELL

Field Representative, Wool Ass'n Many forward-looking wool growers in Michigan have consigned their 1936 fleeces to the Michigan Co-operative Wool Marketing Association and for storage, grading and sale.

It is interesting to note that a large proportion of the 1936 consignors are growers who have consigned consistently for several seasons. This indicates that they must be satisfied with the wool pool method and management and with the net returns which they have realized through this system of orderly marketing.

As is usually the case at shearing time, wool prices have recently shown a considerable decline. Offers being made to the growers by the dealers in most sections of the state have come down at least 7c per pound in the last few weeks. This decline is very regrettable because it is not warranted by any statistical analysis of the wool situation.

The carry over of old wool into 1936 was the lowest of any season since the World War. Supplies of wool throughout the world are abnormally low. Foreign wool prices are exceptionally strong, due probably to a considerable extent to war preparations in many countries. Even if our consumption of wool in the United States should fall 25% below that of 1935, our mills would still require approximately 75 to 100 million pounds more wool than we produce.

These facts coupled with the tariff of 34c per clean pound would indicate that growers could confidently expect very satisfactory prices for their wool if they refused to sell at present offers.

The best way to keep wool off from the market at the present time is to consign it to the Michigan Co-operative Wool Marketing Association at Lansing. The grower will receive a cash advance as soon as the wool is received at the Lansing warehouse. The fleeces will be graded and made ready for sale when the demand is satisfactory. Meanwhile the wool will be fully insured and will be stored in such a way that the grower will not be running any risk of loss from the various hazards which might occur when wool is left on the farm.

Growers who wish to deliver their own wool to the Lansing warehouse may do so at any time during ordinary business hours. If they care to bring the wool in without sacking they may do so and the wool will be sacked for them at the warehouse without charge. Growers wishing to send their wool by commercial truckers or by freight may secure wool sacks and shipping tags free by requesting them from the association. Incoming freight, if any, will be paid by the Association when the wool reaches Lansing and this amount will be deducted from the cash advance and the balance of the advance will be promptly forwarded to the grower.

Grading of the wool will commence within a few weeks. While it is in progress any grower who brings in wool may remain and see it graded and discuss his wool improvement problems with the Federally licensed grader who will be in charge of this work. It is expected that many groups of wool growers will come in to watch the grading and warehouseing of the pooled wool and discuss together matters of mutual interest. Additional information regarding the pooling of wool may be secured from any of these assemblers or by writing direct to the office of the Michigan Co-operative Wool Marketing Ass'n, 221 No. Cedar, Lansing, Michigan.

## 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**—Best Blood Lines. Two young bull calves carrying over 25% "Anxiety 4th" blood. Should appeal to registered owners. **DAIRY FARMERS**—cull your dairy herds and use a Hereford and see the quality of your milk. Don't feed scrubs any longer. A. M. Todd Company (14 miles N. W. Kalamazoo) Mentha, Michigan. World's Largest Mint Farm. (3-2-15-55)

**WANTED—TEN GOOD GUERNSEY** cows. Tuberculosis and Bangs Accredited. Arnold Ribbow, Dewitt, Michigan. (5-2-13p)

**FOR SALE—MISCELLANEOUS** MICHIGAN SEPTIC TANK SIPHON and bell as recommended by State College Agr'l Engineering dept. Build your own septic tank and sewage system. Install when tank is built. Installation and operation simple. Discharges automatically. Have been sold 16 years. All in daily use and giving satisfaction. Instructions with each siphon. \$7.00 delivered. Farm Bureau Supply Store, 725 E. Shilwassee St., Lansing. (3-4-15-50)

### FARM LANDS FOR SALE

**YOU OWE IT TO YOURSELF** to investigate the farm bargains offered by the Lank Bank on 20 year terms. Good locations in Michigan, North Dakota, Minnesota and Wisconsin. Only 20% cash required. Write today for free information. Department 61, Federal Land Bank, Saint Paul, Minnesota. (2-4-15b)

### BEEKEEPER'S SUPPLIES

**BEE HIVES, SECTIONS, COMB** foundation, etc. Outlet for beginners. Send for catalog. **GRAFTING WAX** for orchardists. Both hand and brush wax. **BERRY BASKETS AND CRATES**. Send for prices. M. H. HUNT & SON, 511 No. Cedar St., Lansing, Mich. (5-2-15-29b)

### PLANTS FOR SALE

**FROSTPROOF CABBAGE**, EACH bunch fifty, muscovy, labeled variety name, Jersey Wakefield, Charleston Wakefield, Succession, Copenhagen, Early and Late Dutch, postpaid: 300, 50c; 200, 75c; 500, \$1.00; \$1.00, \$1.75. Ontario: Crystal Wax, Yellow Bermuda, Sweet Spanish, Prizetaker, Emerald: 500, 60c; 1,000, \$1.00; 2,000, \$1.50. Tomato: Large, well rooted, open field grown, muscovy, labeled with variety name. Livingston Globe, Marabelle, Stone, Baltimore, June Pink, McGee, Earliana, Golf State, Market, Early Detroit, postpaid: 100, 50c; 200, 75c; 500, \$1.00; 1,000, \$1.50; 2,000, \$2.25. Pepper: muscovy and labeled, Chinese Giant, Bull Nose, Ruby King, Red Cayenne, postpaid: 100, 50c; 200, \$1.00; 500, \$1.75; 1,000, \$2.50. Full count, prompt shipment, safe arrival, satisfaction guaranteed. Union Plant Company, Toxarsam, Arkansas. (4-4-21-114b)

### FENCE

**ELECTRIC FENCE, BIG CUT IN** price for 30 days. \$22.50, Wayne Latson, Howell, R-3, Mich. (4-4-31-p)

### FARM WORK WANTED

**MIDDLE-AGED, MARRIED MAN**, hard working, honest, no smoker or drinker, wants steady farm work near Lansing or Detroit. Knows dairy farm and stock. Family of 3. Son, 24, has dairy farm. Bottling route experience. J. E. Eddy, 408 Clifford St., Lansing. (5-2)

**WANTED—WORK ON GENERAL** farm by day or month (prefers day work) by single man, age 40. Lifetime experience. E. C. Parsons, 111 East Dwight Street, Lansing, Michigan. (5-2-11)

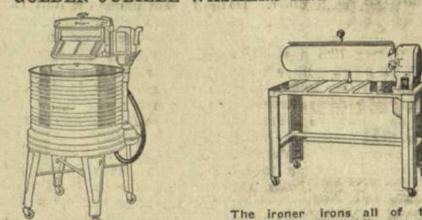
**WANTED—WORK ON FARM**. Anything outside of dairy farm work. Middle aged single man. Ernest Allen, 111 East Dwight Street, Lansing, Michigan. (5-2-11)

# Westinghouse Golden Jubilee Electric Appliances FOR MICHIGAN FARM BUREAU MEMBERS

Fifty years ago a small electrical plant was started at Pittsburg, Pa., which has grown to a company with many large manufacturing plants, and offices in every city and country in the world—the source of electrical achievements that have started mankind.

The Golden Jubilee Farm offers to you, through the Michigan Farm Bureau, Westinghouse electrical appliances that will help do the house-work faster, with less work and at a low cost. Also, milk cooling equipment, water systems and motors for the farm which speed up the time for chores and bring a bonus in many cases for premium milk—cattle—food. Check the coupon below for information and send it to the Farm Bureau headquarters.

## GOLDEN JUBILEE WASHERS AND IRONERS



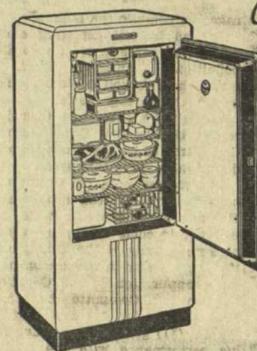
The washer washes for the line 4 sheets, 4 pillow cases, 15 shirts, 6 bath towels, 2 tablecloths, 3 napkins (24 lbs.) for less than 2c. Uses gentle "cushioned" washing action. Prices \$49.95 to \$119.95.

## Golden Jubilee REFRIGERATOR

5 with the SERVICE PLAN

Westinghouse protects your refrigerator savings for FIVE YEARS against service expense on the sealed-in mechanism!

Look for the clever "Adjusto-Shelf" for changing shelf height for storing meats, fowls, and cream cans, and other features that bring you a new standard of refrigerator value. Prices from \$109.50 up depending on size.



## GOLDEN JUBILEE ELECTRIC RANGES

This menu for a family of six: Browned chicken and gravy, mashed potatoes, string beans and steamed pudding—uses only 4½¢ worth of electricity. Westinghouse ranges have exclusive Dual-automatic heat control and the "Economizer" units cutting electric cooking costs 18%. Prices \$61.25 to \$289.00.



## Golden Jubilee CLEANERS

Westinghouse combines remarkable gentleness and super-cleaning power. Cleans five 9x12 rugs fast, for 4c. Straight air model \$35.95, Motor-Brush Model slightly more.

## Golden Jubilee Irons

Streamline Iron, 3½c an hour. Last word in ironing; high speed, lightweight and fatigue proof. Irons priced from \$2.95 to \$8.95.

## Michigan State Farm Bureau

221 North Cedar St., Lansing, Michigan

- Washers
- Irons
- Vacuum Cleaners
- Refrigerators
- Ranges
- Radios
- Lamps
- Motors
- Water Heaters
- Dish Washers
- Milk Coolers
- Water Systems

Do You Have Electric Service?  Yes  No

Name \_\_\_\_\_

RFD No. or Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

# 1886 Golden Jubilee 1936

# Westinghouse

100 years ago wolves and panthers were a serious menace in Michigan.

### COPPER SULPHATE

COPPER SULPHATE (Blue Stone) in all sizes for Bordeaux Mixtures.

MONOHYDRATED for Dusting Compounds.

MANGANESE SULPHATE ZINC SULPHATE

For sale by your Farm Bureau Dealer. Manufactured by

TENNESSEE CORPORATION Lockland, Ohio

# 13.6% MORE YIELD

### BY TREATING SEED POTATOES THIS WAY....



Dip-treat your seed potatoes with *New Improved SEMESAN BEL* this season and look forward to a bigger yield of better potatoes—at less cost! Easy—just dip and plant.

Actual cost of treatment with this quick dip is about 21c an acre—for one pound treats 60 to 80 bushels of seed. For this slight investment, *New Improved SEMESAN BEL* gives better stands; reduces or prevents losses from seed-borne scab and Rhizoctonia; increases and improves yields. In actual field tests, it has increased yields an average of 13.6%.

4-oz., 50c; 1-lb., \$1.75; 5-lb., \$8.00. Ask for free Potato Pamphlet.

### TREAT SEED EVERY YEAR —IT PAYS

### BUY FROM YOUR FARM BUREAU DEALER

Or, buy from us, cash with order, plus mailing at 10c per lb., if dealer can't supply you.

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

## Farm Women of the World Meet at Washington in June

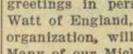
### Women of Many Nations to Confer Together for A Week

By MRS. EDITH M. WAGAR Washington will welcome farm women from May 31st to June 6th. Not only will farm women of America be there, but country women from all parts of the world.

The third Triennial Conference of the Associated Country Women of the World will be in session at that time. Delegates have been appointed from England, South Africa, New Zealand, Australia, Germany, Sweden, Norway, Canada, Finland, Czechoslovakia, Holland, Bulgaria, India, Estonia, Nairobi, Palestine and Kenya. Many of these countries will send exhibits of the work made from farm products by their women.

The formal opening will be on June 1st when Mrs. Franklin D. Roosevelt will address the meeting. Lady Aberdeen of Scotland will extend greetings in person and Mrs. M. R. Watt of England, the president of the organization, will make the response. Many of our Michigan women will re-

MRS. WAGAR



### FOOLING OURSELVES

We humans do this often through a wrong basis of reasoning.

Oyster shell is a clear example. It is an essential food for chicks and laying hens—it is egg shell material.

Some reason that oyster shell is oyster shell and that it is all alike—so they buy the cheapest and get from 20 to 30% more waste.

PILOT BRAND OYSTER SHELL FLAKE is the accepted standard of quality here and abroad.

No waste—no odor—no poisonous matter.



member the pleasant time we had at the first Farm Women's Conference in East Lansing when Mrs. Watt was our guest.

### Roosevelts to Receive

The President and Mrs. Roosevelt will receive the delegates at a garden party at the White House in the afternoon of June 1st, following a motor trip around the city, and by the embassies of the various nations represented by delegates.

Some of the topics for discussion during this conference will be: Safer Motherhood; How Rural Women are Meeting their Economic Problems; Cultural Interests of Rural Home-makers; International Relations as They Affect the Rural Home; Rural Unemployment; Making Use of Natural Resources, etc.

This international organization of rural women meets once every three years. To become affiliated with it one must belong to an organization of rural women of her own country.

Every Farm Bureau woman of Michigan, by virtue of her Farm Bureau membership is a member of this international body. This was one of the motives for organizing The Associated Women of the American Farm Bureau Federation. It brought our women together into a great national group so that American thought and influence might be injected into this great international movement.

No one can foretell the influence for progress culture, and Christianity this great body of farm women may be instrumental in bringing about throughout the world. The greatest hope of all is to be a prime factor in uniting all countries of this world in common thought on Universal Peace. If in any degree that thought can be strengthened and the possibility of wars decreased, this bringing together of rural motherhood will not have been in vain.

The reports from many of our Farm Bureau States tell us that groups of farm women are planning on attending the Washington conference. It is the opportunity of a life time. Many plan to drive by auto so as to visit the many attractions in and around our capital city. Many are going to take advantage of the reduced railroad rates for the occasion.

If it is possible, I advise our Michigan women to go, even if it will be necessary to forego other trips you have been in the habit of taking. Or if you have never had a real vacation, try to convince the home folks that this is the one you prefer to all others.

### Letter Contest Is Won By Mrs. Hugh Hodgins

By MRS. EDITH M. WAGAR The interest taken in our first contest for Farm Bureau women in the form of a letter stating 6 reasons "Why a Farmer Should Belong to the Farm Bureau" was indeed gratifying. Letters came from all sections of the state and gives evidence that our women are keenly interested in the organization wherever it is known.

It was no easy task for the judges to decide which letters were outstanding. All names and locations were carefully removed from each letter so that the decision could be made on the merits of the letter alone.

If every member knew the Farm Bureau story as well as these women do, and each one told it convincingly to a non-member neighbor, we predict our membership would double in no time. We know we have women whom we can depend upon to share the responsibility in her immediate community. The decision of the judges placed the letters as follows:

- 1. Mrs. Hugh Hodgins.....Yale
- 2. Mrs. G. W. Trubey.....Colon
- 3. Mrs. H. R. Andre.....Jenison
- 4. Mrs. G. W. Arnold.....Perry

The 6 reasons why a farmer should belong to the Farm Bureau, as stated by Mrs. Hodgins, are:

1. Because he can accomplish more in every way for his business in an organization like the Farm Bureau than he possibly can working alone.

2. Because through Farm Bureau Services he may purchase seeds of known origin, open formula feeds, fertilizers with the available plant food and ingredients content plainly printed on the bag. He can buy Farm Bureau machinery, flour and many other commodities. By saving his sales slips he may get a membership credit on his purchases.

3. Because the Farm Bureau constantly studies State and national legislation that concerns him. It employs very capable men who look after agricultural interests just as other industries are looked after.

4. Because of the social side of the organization. At the group meetings he mingles with his neighbors, exchanges ideas and increases his opportunity for service in his neighborhood.

5. Because of the Farm Bureau, life and automobile insurance which is set up for his benefit.

6. Because he can put his finger on more things the Farm Bureau has really accomplished for him than any other organization. Just a few are (a) the securing of exemption from the 3% sales tax on materials used in agricultural production, (b) the securing of state aid for rural schools which did so much to relieve the property tax, (c) the improving of the farm-to-market roads and the transfer of all Michigan highway tax from farm property to the gasoline and license fee tax. Those who use the roads pay for them. Where has your highway tax gone the past few years, and why?

Courtesy will carry you far, especially when you're driving a car.

### Folks in the Farm Bureau Family

Almont—"What is the fruit grower's biggest problem today?"

W. K. Bristol of Almont, energetic proprietor of Brookwood Orchards and vice president of the Michigan State Horticultural society and former president of the Lapeer County Farm Bureau, pondered over this question for a minute before he answered D. L. Runnells, agricultural editor of the Grand Rapids Press.



W. K. BRISTOL

"Grow more fruit?" he asked himself, and then shook his head negatively. In fact he was quite certain more fruit was not the answer to the question.

"I believe our biggest problem is how to grow better fruit to sell at higher prices than we are receiving."

said Bristol who is the fourth generation of his family to engage in horticulture in this section.

### Must Grow Bigger Apples

"Take apples, for example," the orchardist went on to explain. "We just can't grow apples big enough to suit the trade in Detroit, Flint, Pontiac, Port Huron and other cities where we sell our crop. We have got to find ways to grow them larger."

Bristol believed the solution of this problem rests in better soil management, thin wood pruning and thinning fruit until it hurts.

"I never have used this thin wood pruning system but it sounds practical to me and I am going to give it a trial," he reported. "I hope it will further improve the size of my apples."

Bristol already has gained quite a reputation in the state, particularly in eastern Michigan, for the size and high quality of his apples, peaches and other fruits grown on his 250 acre farm. He has 100 acres set to fruit, mostly apples. The present orchard was set in 1912 by his father, W. H. Bristol.

### First Peach Orchard in 1869

The young orchardist comes from a family that has pioneered the way in horticulture in this state. His great uncle, Orson Ingles, planted the first peach orchard in the Almont-Romeo section in 1869.

While Bristol cannot lay claim to being first to set fruit trees, he has the distinction of being first grower in the state to import Viking red raspberry plants from Canada. He has had remarkable success in growing this variety, using cellophane paper to make an attractive pack.

Raspberry growing, however, is just a side issue with him. Apple culture is his specialty. He harvested a 12,000 bushel crop in 1935 holding 10,000 bushels in a new common air-cooled storage on his farm.

Horse breeding is another side line. He raises Belgians. His yearling filly

placed first this year in the state colt development project.

Both Mr. and Mrs. Bristol are grad-

uates of Michigan State College and are members of the Lapeer County Farm Bureau.

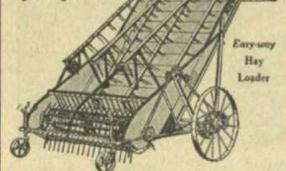
## NEW IDEA Haying Machines

A completely different rake. Rigid arch trussed frame, yielding spiral reel. Double curved teeth FLOAT hay into loose fluffy windrow. Never dig in, bounce or miss. Give perfect gentle tedding action when reversed. Many other new and valuable features.



THESE easy working, big capacity machines do better work as well as more work. THE NEW IDEA Side Delivery Rake and Tedder builds a scientifically correct windrow that cures better quality into the hay. Its unique tedding action has saved many a crop under adverse conditions. THE NEW IDEA Easyway Loader gleans cleanly and places the hay on the wagon without loss of heads and leaves. Both machines work perfectly in hay of all kinds, dry beans, green beans and peas. Be sure to see them at your local dealer's.

A thoroughly modern loader. Positive action gleaning cylinder; twin movement push bar elevator. Solid deck prevents loss of leaves. Loads from swath or windrow. Rakes clean; does not jam at turns or in heavy pick-ups.



## NEW IDEA INCORPORATED Farm Equipment

NEW IDEA Steel Farm Wagon replaces the sturdy wood wheel wagon. Better made, more durable, lighter running, safer, handier. Wheels notable for quality; have stiff staggered spokes to resist severest side strain, and high carbon, long wearing rims. Twin roller bearings, renewable sleeves. For all farm hauling.

Mail the coupon today for complete descriptions of these reliable, field tested machines—built by the makers of the long famous NEW IDEA Spreader.

- ### NEW IDEA, Inc.
- Factories at Coldwater, Ohio Sandwich, Illinois
- NEW IDEA, Inc., Dept. 90, Coldwater, Ohio
- Send free information on items checked.
- |                     |                     |
|---------------------|---------------------|
| Hay Loaders         | Transplanters       |
| Side Delivery Rakes | Gasoline Engines    |
| Steel Farm Wagons   | Corn Pickers        |
| Manure Spreaders    | Portable Elevators  |
| Hand Corn Shellers  | Hunker-Shredders    |
| Feed Mixers         | Power Corn Shellers |

Name \_\_\_\_\_ Address \_\_\_\_\_

## BETHANIZED FENCE

FARM BUREAU FENCE

Protected by a new kind of zinc coating

A newly perfected electrolytic process known as Bethanizing applies a zinc coating to Bethanized Farm Bureau Fence that in its entire thickness is 99.99 per cent pure zinc, the purest ever applied to wire. Free from the embrittling, rust-inviting iron contamination and other impurities unavoidable in older zinc coating processes, the Bethanized coating has remarkably high resistance to the weather.

It is also so ductile and tightly bonded to the steel base that there is no loss of protective value from the wrapping at the joints in weaving. Furthermore, it is heavier in weight than other farm fence coatings. Yet Bethanized Farm Bureau Fence costs no more. While bringing greater value and longer fence life, it sells for usual fence prices. Ask to see this new, better protected, money-saving fence.

FARM BUREAU SERVICES, Inc., Lansing, Mich.

## For Better Fruit—PREVENT INSECT DAMAGE

It's the "EXTRA FANCY" (clean, sound, worm-free) fruit harvested that determines fruit growing profits. Stop the ravages of insects before they get started. For more "EXTRA FANCY" fruit insist on GRASSELLI

WITH GRASSELLI SPRAY PRODUCTS Spray and Dust Materials going into all your sprays this year. Ask your dealer.

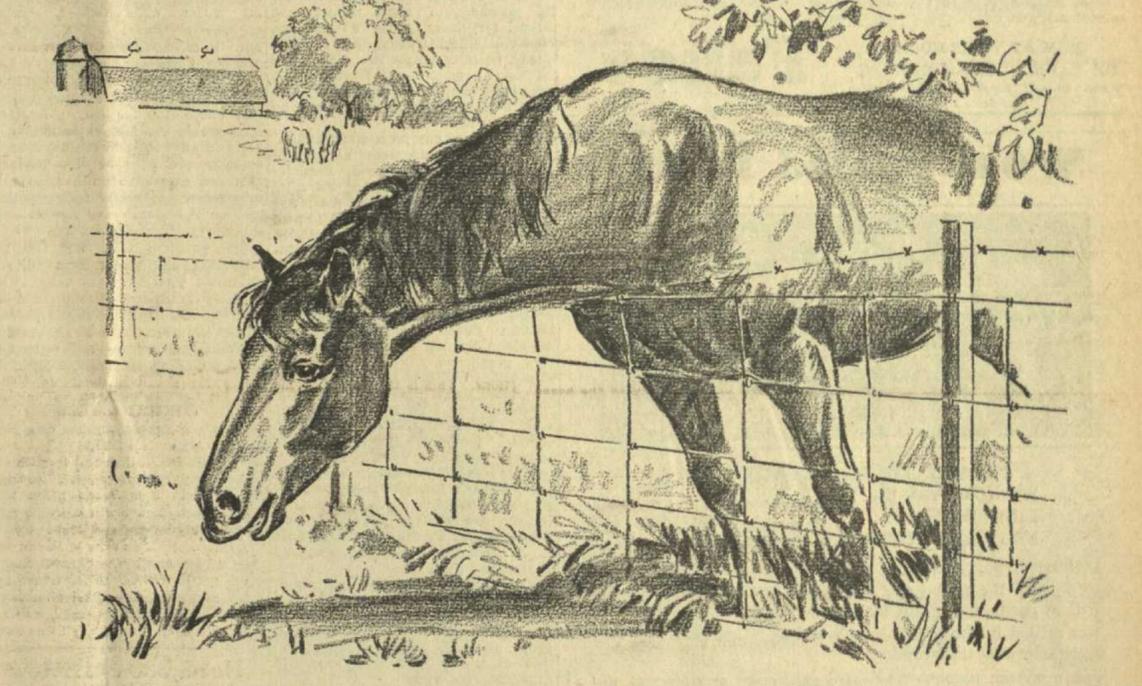
GRASSELLI GRADE

Arsenate of Lead	Lime Sulphur Solution	Paradichlorobenzene
Bordeaux Mixture	Loro—A contact	Sulphate of Nicotine
Calcium Arsenate	Insecticide	Sulfur
Dry Lime Sulphur	Manganese	Zinc Sulphate
Dutos	Noltexform	and many others

\*Trade Mark Reg.

THE GRASSELLI CHEMICAL CO., Inc. Founded 1839 CLEVELAND, OHIO

Made by a Firm with 97 years Of Chemical Experience



## THE GRASS ON THE OTHER SIDE

YOU can excuse a horse for galling his neck on barbed wire, trying to reach the scraggly grass on the other side of the fence, when he's already standing knee-deep in clover... for, after all, he's just a horse! But you CAN'T excuse intelligent human beings for making the same mistake.

Every day you hear people raving about "the good old days"... wishing they could live 'em all over again!... straining to reach back for the grass on the other side of the fence!

"GOOD OLD DAYS!" When you couldn't phone for a doctor. When you had to take your bath in a washtub. When the only way to cure a toothache was to pull the tooth. "Good old days" of undelivered mail, forded creeks and hub-deep mud; of dropping corn by hand, cultivating it with a hoe and grinding your own corn meal. "Good old days" of green coffee out of a burlap sack, of home-roasting and of hand coffee grinders. "Good old days" of no automobiles, or movies... no newspapers or magazines; when the most exciting thing you could do was to write a jingle in her autograph album or butter your hands and pull taffy. When you took heated rocks to bed with you in winter and shoed flies all summer with slit paper on the end of a hickory withe. How can anybody, spinning along

over perfect roads in one of these slick-running 1936 cars, with the radio on, talk about "the good old days?"

Mother, would you like to go back to the old tin cupboard and wood box? Would you like to drain lye out of an ash barrel, make your own soft soap and boil your clothes in an iron kettle? Father, would you like to take a wax-end and a mouthful of wooden pegs and make yourself a pair of boots? "The good old days" were noble. Viewed down the long corridor of memory, they lure us... but not for long. Our better sense tells us all that is just "grass on the other side of the fence." And we give thanks that this is 1936!

Sears, Roebuck and Co.'s job is to keep pace with swift-moving America. And, no matter what your advancing tastes may demand, to give you... always... the newest and best for less money. The high quality, low prices and advanced product design in your present Sears Golden Jubilee Catalog will, we believe, convince you that Sears, Roebuck and Co. are anticipating and doing whatever is necessary to keep you a satisfied Sears customer.

## SEARS, ROEBUCK AND CO.



### INSURE YOUR FARM PROPERTY

In Michigan's Largest Farm Mutual Fire Insurance Company. In 1935 a net gain of over \$7,000,000 in property at risk. A gain of over \$30,000 in net assets after material reduction in assessment rates. Total net assets over \$28,350,000. Owns U. S. Government Bonds and other Bonds guaranteed by U. S. Government valued at \$113,134.33, which is more than is owned by any other Farm Mutual Fire Insurance Company of Michigan, earning interest annually of \$5,765,000. Interest earned annually on other investments \$1,797.70, making total of \$5,567.70.

State Insurance Department writes "Your members are to be congratulated on the efficiency of your management of their business. The progress shown in the increase of insurance and the very moderate cost of procuring this increased business is evidence of thorough knowledge of the business and attention to detail."

Michigan State Board of Agriculture carry insurance on State Experimental Farms in this Company. First Company to write a blanket policy on farm personal property which often pays double the amount of classified policy. First Farm Mutual Company in Michigan to employ full time inspectors. Careful underwriting and systematic inspection eliminating undesirable risks and fire hazards. Insurance classified and assessed according to hazard. Assessment rate as low as \$2.94 per \$1000. Reasonable terms stated to all members. Write for literature and financial standing.

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



"As item NUMBER ONE in our budget we'll put down an investment in a certain amount of new CO-OP fence each year. Including the fields already fenced, in 3 years our entire farm will be made up in even sized fields, all hog tight. Then we can do a far better job of diversification, and crop and stock rotation. I'm sure we'll get enough increased yields to pay for the fence and extra money besides to pay for the many other things we need. So let's start with fence."

The most economical fence to buy is CO-OP. It's made by a process which blends a very heavy zinc protection with the wire. In addition, the wire is made of copper-bearing steel, which further increases its resistance to rust and corrosion.

## Co-op Fence

Copper-Bearing  
Zinc Protected

BUY AT YOUR CO-OP OR FARM BUREAU DEALER  
Farm Bureau Services, Lansing, Mich.

### Wool Pooled Daily!



**Present Rate of Advances**  
MEDIUM WOOL.....19c per lb.  
FINE WOOLS.....16c per lb.  
FED LAMB WOOLS.....14c per lb.

Indications point to strong wool values during 1936. If you consign to the pool you get a liberal cash advance and are still in position to profit by a rising market. The 1935 pool was settled in the calendar year and at prices generally very satisfactory to the growers.

FOR FURTHER INFORMATION regarding shipment or delivery of wool to Lansing, write the Michigan Co-op Wool Marketing Ass'n at Lansing, or see your nearest local wool assembler, below:

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| Atton.....H. L. Ostrander             | Ithaca.....C. V. Tracy               |
| Albion.....Farmers' Elevator Co.      | Jackson.....Dennis Cobb              |
| Allegan.....Allegan Co-op Co.         | Jackson.....W. E. Eckerson           |
| Ann Arbor.....Chas. McCalla           | Jackson.....D. F. Lewis              |
| Batavia.....W. E. Dobson              | Jeddo.....Jeddo Elev.                |
| Battle Creek.....St. Cr. Farm Bur.    | Jonesville.....C. S. Bater           |
| Bay City.....Farm Bur. Store          | Kalamazoo.....Farmers Prod. Co.      |
| Brooklyn.....W. E. Randall            | Kent City.....Kent City Co-op Elev.  |
| Buchanan.....St. Joe Shpg. Ass'n      | Lapeer.....Farm Bureau Store         |
| Byron.....J. Fred Smith               | Levering.....Frank Schmalzried       |
| Caro, R. 4.....Dorr Perry             | Lowell.....M. B. & Don McPherson     |
| Cassopolis.....Central Farmers' Ass'n | Manistique.....Lee Stewart           |
| Cathro.....George Cathro              | Marcellus.....Four County Co-op      |
| Charlevoix.....Charlevoix Co-op Co.   | Melvin.....T. M. Van Sickle          |
| Charlotte.....Forrest King            | Mesick.....Alonzo Gately             |
| Charlotte.....Farmers' Elev. Co.      | Milan.....Henry Hartmann             |
| Clare.....Richard Brooks              | Millington.....Farm Bureau Store     |
| Clarkston.....John Lessiter           | Mt. Pleasant.....Mt. Pl. Co-op Elev. |
| Climax.....Niles Hagelshaw            | Munith.....Fred Harr                 |
| Constantine.....Kenneth Munson        | Napoleon.....F. M. Andrews           |
| Corunna.....Floyd Walworth            | Nashville.....Roy Brumm              |
| Cressey.....Delbert Enzian            | Niles.....Niles Farmers Inc.         |
| Curran.....Louis McFadden             | North Adams.....Bert Taylor          |
| Dattle.....Erwin Williams             | Omer.....Wm. Tulloch                 |
| Davison.....Enos Billings             | Oxford.....Oxford Co-op Elev.        |
| Decker.....Charles Severance          | Parma.....M. J. Allen                |
| Dowagiac.....Farmers' Co-op Ass'n     | Parma.....E. C. Chambers             |
| Elba.....Earl S. Ivory                | Paw Paw.....Paw Paw Co-op Ass'n      |
| Evart.....Evart Co-op Co.             | Perrinton.....R. C. Blank            |
| Evart.....R. N. McLachlan             | Pinconning.....Farm Bureau Store     |
| Fairgrove.....Otto Montei             | Pocahontas.....Farm Bureau Store     |
| Fairgrove.....Earl Smith & Sons       | Quincy.....Elmer M. Dobson           |
| Fenton.....W. M. Kaddy                | Reading.....Reading Co-op Co.        |
| Filion, R. 2.....Thos. S. Nichol      | Richland.....C. F. Bissell           |
| Gladwin.....Fred Swinehardt           | Romeo.....Gray Elevator              |
| Grand Blanc.....Maurice Meyers        | St. Johns.....Arthur J. Gage         |
| Grass Lake.....W. D. Alber            | St. Johns.....J. E. Crosby           |
| Grass Lake.....David Crouch           | Saginaw.....Farm Bureau Store        |
| Harrisville.....James Lilley, Jr.     | Stanton.....Stanton Co-op Co.        |
| Hart.....Farm Bureau Store            | Stanwood.....Stanwood Co-op Co.      |
| Hartford.....Gleaners Co-op Elev. Co. | Swartz Creek.....Claus Tiedeman      |
| Hartland.....J. R. Grease, Jr.        | Tawas City.....Wm. E. Herriman       |
| Hastings.....Farm Bureau Store        | Tustin.....Elev. & Lumber Co.        |
| Hope.....W. E. Berland                | Vandalia.....Bonnie & Probst         |
| Howell.....Livingston Co. Co-op       | Vernon.....G. K. Thurston            |
| Ionia City.....Farm Bur. Store        | Vernon.....W. H. Sherman             |
| Ionia.....Herbert E. Powell           | West Branch.....H. P. Roach          |
|                                       | White Cloud.....Co-op Ass'n          |
|                                       | White Pigeon.....Glen Wade           |
|                                       | Woodland.....Farm Bureau Store       |

### MAIL THIS COUPON NOW

Michigan Co-op Wool Marketing Ass'n, 221 N. Cedar St., Lansing  
Please send me 1936 Wool Marketing Contract and other information about your Association. I expect to have about \_\_\_\_\_ lbs.  
NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_ R. F. D. \_\_\_\_\_

### IF YOU "BELONG" IN HURON, YOU GET A LETTER LIKE THIS

Sec'y McCarty Assists Every Member to Get Farm Bureau Service

Editor's Note: We present what we believe is one of the most helpful and informative letters that County Farm Bureau officers could write to the members of their organization.

Dear Farm Bureau Members:  
As officers of the Huron County Farm Bureau, we have been advised of your membership for the next year. Your county organization welcomes you. We hope that you will be able to use the services of Farm Bureau in offering suggestions for making the organization more successful.

In order that you may become more familiar with your organization here give you the names of the officers and directors of the county Farm Bureau: E. T. Leipprandt, president; Floyd Richmond, vice-president; Wm. McCarty, secretary-treasurer; Alfred Priemer, Warren Nugent, John Jurgess, W. D. Burnhans, J. C. Gremel and Alfred Sturm, directors.

These men will be pleased to receive any suggestions or give you any information you should desire.

At present we are planning on organizing a number of community Farm Bureaus in Huron County so that members may meet more often, discuss the program of the Farm Bureau and give the organization's leaders the value of their conclusion. We hope that we may be able to organize such a group in your community in the near future and that you will be an active participant.

Your State Farm Bureau has a commercial service that is available to you. With "quality" the watchword, a full line of farm merchandise is offered which we can proudly say is second to none. Guaranteed seeds, fertilizers with 95 per cent water soluble nitrogen, open formula feeds, fence of longer life, a new line of quality machinery, Westinghouse electrical equipment and lower cost auto and life insurance are among the items offered.

If you need any farm merchandise, you can make purchases at the Co-operative elevator, Pigeon; Farmers Produce Company, Elkton; Farmers Elevator Company, Bad Axe; Joe Block, Uby; Harbor Beach Farm Bureau, Harbor Beach; J. C. Liken and Company, Sebewaling; Ruth Co-op Co., Ruth; Port Hope Milling Co., Port Hope.

Credits which you can apply on next year's membership dues are allowed to Farm Bureau members on all Farm Bureau brand commodities they purchased. Credits in excess of membership dues are paid in cash. Save your sales slip showing such purchases and send to the Farm Bureau office, at 221-227 North Cedar street, Lansing, Michigan, every three months.

If you are interested in insurance, contact R. C. Baur, at Bay Port; J. E. Bukowski, Uby; John or Roland Gettel, Owendale; John Moore, Kinde; D. N. Protzman, Elkton; or W. E. Ramsey, Port Hope; Wm. McCarty, Bad Axe.

Again let me say that your county organization welcomes you as a member and hopes that you will continue to be one for years to come because, after all, only through organized effort can the farmer expect to come into his own.

"Co-operation never fails. It's the lack of co-operation that causes failure."

Sincerely,  
E. T. Leipprandt, President,  
William McCarty, Sec.-Treas.

If we are unwilling to fail anywhere along the line we may never have worth-while success.—The Latch String.

**FLY SPRAY**  
Guarantees  
**LIVE STOCK COMFORT**



Packed in 1 & 5 gal. Cans  
15, 30, 55 gal. Drums

For Cattle, Other Live Stock, Barns, Etc.

Farm Bureau Fly Sprays are made from petroleum products with 1 lb. of pyrethrum per gallon of spray, govt formula. Quick, stainless, tasteless, harmless to man or animals. Sprays of similar effectiveness usually sell for at least 5% more.

FARM BUREAU KILL-FLY for household use. In pints, quarts, gallon containers.

Buy at Your Co-op Ass'n

Manufactured by FARM BUREAU SERVICES, Inc.

### Farm Life for a Boy

Editor,  
Michigan Farm News:  
My boy is 14 and I would like to train him in farm life. I think it would be good for him to start a little at a time. I have in mind a farm where I could also work either with the housework or work outdoors. I have also a daughter 13 who could do several things as help with the housework or take care of small children. If there was a small house available, we could live there in the winter time. I have been a bookkeeper.

MRS. JOHANNE SMITH  
Bay City, Michigan  
April 17, 1936

### COULDN'T EXIST WITHOUT BACTERIA

One Set Returns Elements to Earth; Others Work Under Our Control

"Were it not for the microbes of decay and decomposition, it would be only a year or two before the face of the earth would be so littered with leaves and bodies and waste matters that it would be unlivable," said Dr. Ward Giltner of Michigan State College recently in an informal talk on good and bad bacteria.

The first great service of microbes is to decompose matter and return the elements to the earth to be used over again.

A second great service of good microbes is in industry and agriculture where they carry on their work under the control of man. Microbes in the form of yeasts make possible the manufacture of alcohol from agricultural products and in almost limitless quantities.

The dairy industry, said Dr. Giltner, has two great problems with microbes. In the fluid milk industry, the idea is to keep milk free from microbes. On the other hand, in the manufacture of butter and cheeses, certain microbes are desirable and others are not. It is important to know how to produce a uniform product.

In the human body it is inescapable that microbes shall develop on the skin and within the body. The large intestine is the largest incubator of bacteria anywhere. Naturally, half its contents are dead or live bacteria. Diet can determine quite largely as to whether the bacteria of putrefaction or the bacteria of fermentation shall predominate there.

One gathered from Mr. Giltner's talk, that diet might have quite a bit to do with how one feels. Milk is the only animal protein, said he, that breaks down through the process of fermentation. A diet running to vegetables, fruits and milk appeared to be the speaker's personal choice.

### Sudan Grass

There's no emergency hay crop that can be sown as late as June 15, or even later in Michigan that will furnish the amount of pasture or support the number of cows that Sudan grass will. Sudan grass pasture will keep the milk flow coming on pasture right up to frost time. Half an acre of Sudan will keep a cow until frost time. Sudan grass can be drilled in or broadcast. Start pasturing when 10 inches high. Do not plant Sudan too early, wait till the ground gets warm, May 25 or later.

### Hot 8,380 Ft. Below

South Africa has a gold mine known as the Robinson Deep. There at 8,380 feet down is one of the richest veins of gold bearing ore. At that depth the temperature of the mine is 100 to 120 degrees, made worse by a saturating dampness. The ore is almost to hot to touch. This combination has been conquered by the installation of the world's largest air conditioning plant,—to send fresh, cold, dry air down the three mile shaft. The system has a cooling capacity of four million pounds of ice daily.

### Solvay

**AGRI LIMESTONE**  
Michigan Producers of  
**PULVERIZED LIMESTONE LIME MEAL**  
Available At Your Nearest Dealer  
**Solvay Sales Corporation**  
7501 W. Jefferson Ave.  
DETROIT, MICH.

### What every father should know

Read the fascinating, human-interest stories in "Seven Wise Men"—a new booklet that tells how any man can start, on his present income, a life insurance program that will mean security for his wife and children if he should die, and security for himself as long as he lives. For your copy write to

Insurance Department  
**MICH. STATE FARM BUREAU**  
221 N. Cedar, Lansing

**BE WISE**  
**This is Life Insurance Week**

### MICHIGAN LEADER IN GROWERS AND ALFALFA ACREAGE

77,276 Farmers Harvested Nearly a Million Tons In 1935

Michigan's 16-year-old dream of the day when it would be the No. 1 alfalfa state of the nation has come true. The state now leads in number of alfalfa growers and in number of acres harvested for alfalfa hay, says D. L. Rannels, agr'l editor of the Grand Rapids Press.

The dream's fulfillment has just been revealed in the government's 1935 agricultural census. This report shows Michigan made a phenomenal rise in alfalfa culture in the last five years. To become No. 1 in alfalfa growers, it had to pass four other states—Minnesota, Nebraska, Kansas and Iowa. Michigan ranked fifth in 1929.

To become the No. 1 state in acreage harvested for hay, Michigan had to pass nine other states—Nebraska, South Dakota, Colorado, California, Idaho, Montana, Kansas, Minnesota and Utah. Michigan ranked tenth in 1929.

**Combination of Factors**  
A combination of factors was responsible for lifting Michigan from fifth and tenth places to the top of the ladder. Drouth and winter injury to seedlings reduced the alfalfa acreage in many states. While meadows were being taken out by unfavorable weather, Michigan farmers were planting more alfalfa and bringing more seedlings into production.

The census report shows Michigan made a 79 per cent gain in alfalfa in the five-year period. This increase, however, was not the largest for the entire country. Florida reported a 200 per cent gain. Connecticut, Ohio and Illinois had 100 per cent increases, but they had small acreages to begin with and Michigan's 79 per cent spurt greatly outdistanced them.

### First in Acres, Fifth in Tons

While Michigan in 1935 took the lead in number of alfalfa growers and acreage, it did not lead the nation in hay tonnage. California ranking eighth in growers and sixth in acreage, was first in hay with 2,686,263 tons harvested. Idaho, tenth in growers and third in acreage, was second with 1,701,633 tons. Iowa, third in growers and fifth in acreage, was third with 1,072,596 tons. Nebraska, sixth in growers and second in acreage, was fourth. Michigan was fifth with 983,743 tons harvested from its 936,989 acres by its 77,276 producers.

Michigan got its start toward alfalfa fame in 1920 when Dr. O. E. Reed, then head of the Michigan State college dairy department, and Joseph F. Cox, then head of the farm crops department, launched a dairy-alfalfa campaign in every county in the state. Reed now is chief of the United States bureau of dairying, while Cox is employed in the land utilization division of the AAA in Washington.

A real estate salesman of West Texas had just finished describing the glorious opportunities of that part of the country. "All West Texas needs to become the garden spot of the world is good people and water," said he. "Huh!" grunted the prospect. "That's all Hell needs."

**DEAD CHICKS**  
Pay No Profits

It's the number of LIVE, HEALTHY chicks, not dead ones, that determines whether your chick costs will show profits or losses.

For that reason, it is essential that they be fed dependable feeds containing plenty of vitamins, minerals, etc.

CLO-TRATE, rich in vitamins A and D, insures lower mortality, quicker growth, sturdier frames.

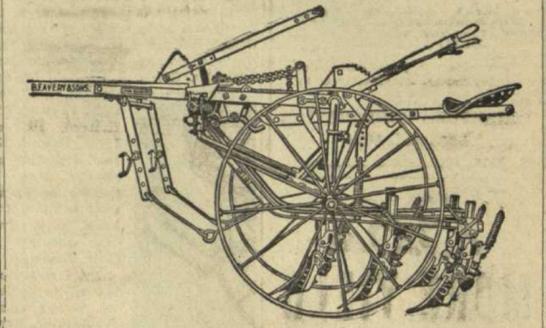
Be sure your mash contains CLO-TRATE for adequate vitamins A and D protection.

\*CLO-TRATE is made under the Barthen process, U. S. Pat. No. 1984858 and is fully guaranteed.

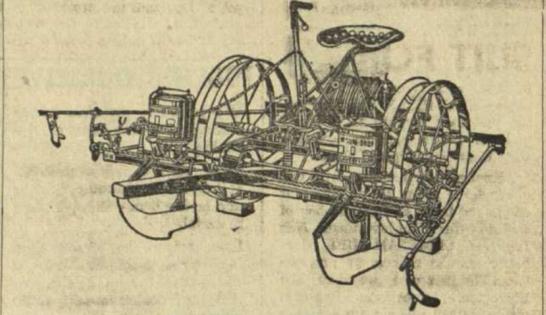
**HEALTH PRODUCTS CORP.**  
Chicago Newark, N. J. San Francisco

### Co-op Farm Machinery

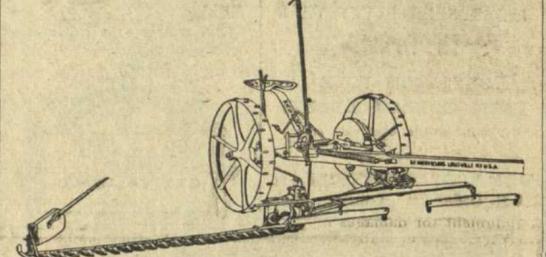
Greater Values... Extra Strong...  
Designed for Long Service  
Ask Your Co-op



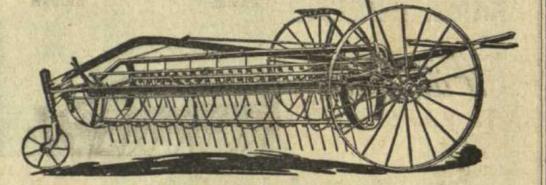
**Jack Rabbit Cultivator**  
All Purpose, All Crop, Easy Handling Cultivator



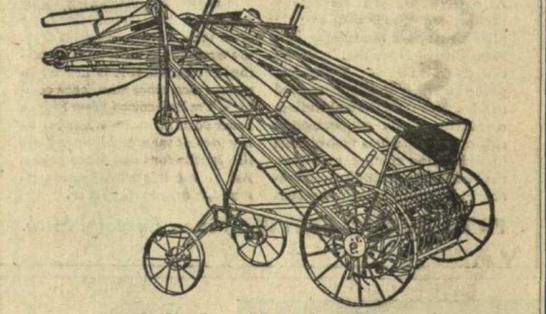
**Sure Drop Planter**  
Light, Strong, Positive Hill and Drill Planter



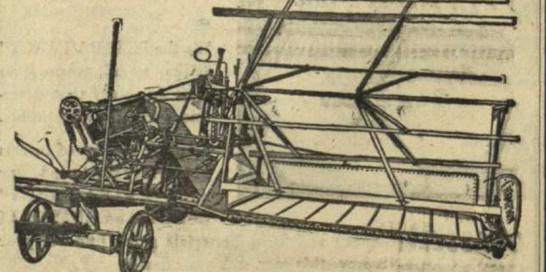
**Pull Cut Mower**  
Revolutionary Improvements Put This Mower Far Ahead



**Side Delivery Rake & Tedder**  
Flexible, with Ample Strength for Heaviest Hay



**Cylinder Hay Loader**  
Sturdy Steel Frame, Light Draft, Easy Running



**Champion Grain Binder**  
Relief Rake, Feed, Knotting, Elevator, Balancing Improvements Make this Choice of Discriminating Farmers

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

**FARM BUREAU SERVICES, Inc.**  
221 No. Cedar St. Lansing, Michigan

**Eaton Bureau Activities**

Eaton County Farm Bureau, Inc., distributed two carloads of fertilizer and one carload of Solvay limestone to members, according to George Mikesell, of Charlotte, who is secretary. The Eaton Farm Bureau has been doing quite a little business for its membership.

Uncle Ab says that even the head of a tack keeps it from going too far.

**Civil War Widows**

The Civil War ended in 1865, but the Congressional Record is authority for the fact that more than 157,000 widows of veterans are living today:

12,215 are 74	18,000 are 80
15,000 are 75	14,000 are 81
15,000 are 76	8,000 are 82
14,000 are 77	3,000 are 83
13,000 are 78	4,000 are 84
14,000 are 79	3,909 are 85
	488 are 94

**Tricky Seed Descriptions Are Costly to Buyers They Hook**

Weevil Words Build Impression of Quality That Is Not There

Washington.—Most seed catalogs now carry dependable information, rather than illustrations limited only to the imagination of an artist and claims like an old-style patent medicine label, says the Division of Seed Investigations of the Bureau of Plant Industry. But some dealers persist in supplying misinformation and misleading prospective customers.

Seed catalogs of the tricky dealers are infested with "weevil words." Often the weevil words are in fine print and escape the attention of fair-minded readers who expect fair dealing. One trick is to describe seed as "slightly off color" when it is really considerably off color. Another is to say that the seed is slightly smaller than usual, and perhaps to say or suggest that there will therefore be more seeds in a bushel.

**Not Far From Being Junk**  
Actually the seed is likely to be much smaller—not "slightly smaller"—and the reason for the small size is likely to be that it is immature or undeveloped. This is especially true of seeds of legumes such as alfalfa and the clovers. To the experienced eyes of seed investigators, much of this seed appears to be re-cleaned screenings, seed rejected by scrupulous dealers because it is dishonest to sell it to buyers who are not experts in judging the value—or lack of value—in the seed.

The "weevil-worded" argument for small seed is that the buyer gets more for his money. What the dealer does not tell is the fact that, although many of the small, poorly-developed seeds may germinate, the seedlings will lack the vigor of those from full-sized mature seed. It takes vigorous seedlings to stand up under the unfavorable conditions that often exist at planting time.

A catalog infested with "weevil words" reached the seed experts of the U. S. Department of Agriculture recently. It describes one lot of "bar-gain" seed as being "99% Pure" and another lot as "98½% Pure", but buried in small type is the revelation that these clover and alfalfa "bar-gains" contain, in one case 3 percent, in the other 6 or 7 percent, of "other crop seed", leaving an actual purity considerably below that advertised in the large type.

A detailed description of such seed usually is given only on the containers in which the seed is sold, information which the farmer may not see until he has paid for the seed and received his shipment. Seed officials urge buyers to check such statements carefully and have the seed tested by a trained tester. Most States have a State seed testing laboratory. Buyers also are urged to keep all records pertaining to a seed buying transaction. Often misbranding does not show up until a crop matures.

Seed officials of the Department believe the importance of getting good seed justifies repeated warnings to buyers.

**Presidents of Michigan County Farm Bureaus**

In 1921, Ralph Davenport of Oregon township, Lapeer county, started farming. One of his first moves was to join the Michigan State Farm Bureau. He has been a member ever since. He became a county director in 1927 and president of the county organization the next year. He has been re-elected regularly.

Mr. Davenport believes in group action and in co-operation. He is president of the Lapeer Production Credit Association, having led the way in the organization of that group. For six years, he has led a local 4-H club group known as the "My Own Endeavor Livestock Club". He is vice president of the 4-H club fair held at Lapeer every year in connection with the town's Homecoming Day.

As president of the Lapeer Farm Bureau, Mr. Davenport has presided at the annual Farmer's Day gathering at Lapeer each winter. The annual event is considered one of the finest farmer gatherings in Michigan and has brought some national speakers to the county including Secretary of Agriculture Wallace and President Edward O'Neal of the American Farm Bureau Federation.

Owner of a fine herd of Jersey cattle, Mr. Davenport is a director on the Lapeer County Jersey Cattle Club and president of the Thumb District Jersey Cattle Club. He is also a member of the Michigan Milk Producers Association and a member of the Lapeer County Dairy Herd Improvement Association.

In addition to those duties, Mr. Davenport is on the Township Board of Review and was a member of the district school board.

The Davenport farm is 85 acres. All feed for the 22 head of Jersey cattle is grown there. Soy beans, alfalfa and corn are his dairy crops.

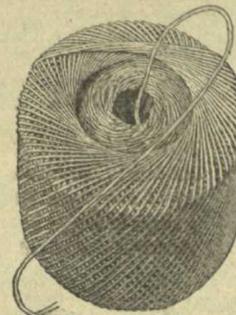
The Davenports have one boy and two girls, all at home. They are 4-H club members. The girls are in canning clubs while the boy has for the past five years been promoting a dairy project with three head of cows. He is taking an agricultural course at the Lapeer high school and intends to follow his dad as a farmer.

**New Idea in Fence**

The new development in farm fence is bethanized fence, from the new manufacturing plant of the Bethlehem Steel Corporation at Johnstown, Pa. Bethanized fence is

given a coat of pure zinc by a revolutionary method. Later it is drawn through steel dies to give it a nickled steel appearance. Chemical and other tests indicate that the bethanized fence will outlast any type of zinc coated fence now on the market.

**SOON TIME FOR TWINE**



- This is Farm Bureau trouble free twine.
- Patent criss-cross cover will not collapse.
- Twine runs free to last foot. No snarls or breaks.
- Insect treated. Tested.
- 5 and 8 lb. balls, in 500 or 600 ft. length.

Your Co-op Has Farm Bureau Twine

**Livestock Feeders!**

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. A large assortment at our Daily Markets is now kept on hand at St. Johns and Battle Creek at all times.

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

**SELLING**  
Our new enlarged complete Selling Service now consists of not only Commission Sales Agencies on Detroit and Buffalo terminal markets, but daily market at St. Johns and Battle Creek where all species of live stock are purchased each day and moved direct to the packers or the public market. All grades of dairy cows bought and sold at Battle Creek.

For complete information phone or write

**Michigan Live Stock Exchange**

Secretary's Office, Hudecn, Mich.

Daily Markets St. Johns & Battle Creek Terminal Markets Detroit, & Producers Co-op at Buffalo, N. Y.

Listen to the Farm Market Reporter, sponsored by the Ford Dealers of Michigan via Station WXYZ and Michigan Radio Network, Mon., Tues., Wed., Thurs., Fri. at 12:15 p. m.

**A SUIT FOR DAMAGES CAN Take This Farm**



Every time your car or truck goes out on the highway, there is the possibility that it may become involved in a traffic accident. Serious accidents bring court suits to determine responsibility and damages.

A judgment for damages might require your farm and personal property to satisfy it. The work of a lifetime could be swept away. It happens somewhere every day. Your chances of having an auto accident are much greater than the chance you will have a fire.

Why expose yourself to such a financial risk when we will provide adequate public liability and property damage insurance at very reasonable rates? Our local agent will be glad to explain our complete service, and without obligation on your part.

**STATE FARM MUTUAL AUTO INS. CO.**

Bloomington, Illinois

MICHIGAN STATE FARM BUREAU, State Agent, Lansing

**Has Suggestions for Those Seeking Lines**

(Continued from page one.)  
He failed to appreciate that by having the extension built on the "regular" plan he could keep his \$100 which in turn would pay for electricity he used for the next 3½ years at the rate of \$2.50 per month. When he viewed the problem correctly, he gladly accepted the regular plan.

**Before Wiring The Home**  
"Before each wiring contract is let, the wiring plans should be carefully drawn on paper and studied to determine if the switches and convenience outlets are in the right places. Analyze the way the daily work is done in the house. If a certain routine is practised, place the convenience outlets and switches in the paths of travel. In other words, live with the wiring diagram a few days and see if it will result in a convenient installation or an inconvenient installation, result in a convenient installation or an inconvenient installation.

"At least three and preferably four circuits should be installed in each house and adequate service taken to the barn for future uses as well as for

present use.  
"With adequate transformer capacity furnished by the company, together with one of the lowest electric rates in the country, Michigan farmers are in a position to fully capitalize on electric service.

**Nation's Agriculture to Ask Bureau Members**

Farm Bureau members in various parts of the State will soon receive a questionnaire from the advertising department of the Nation's Agriculture, publication of the American Farm Bureau. The magazine wishes to compile business information about the Farm Bureau membership in each State, for presentation to national advertisers. All replies will be held confidential as to the name of the member making reply. Farm Bureau members will confer a real favor in answering the questions.

Oranges, lemons, and limes are supposed to have originated in India or Indo-China and to have been brought westward by the Mohammedans and the Crusaders.

**An Addition to the House**

Very few purchasable things add as much to a home—solid value per dollar of cost—as modern telephone service.

It adds security. The presence of a telephone in the house means that here no time will be lost when some sudden crisis demands the services of a doctor. It means dependable, 24 hour contact with the police. It is a valuable form of insurance, for its swiftness in summoning the fire department can easily mean the difference between trifling damage and a crippling loss.

It adds comfort. The telephone frees every member of the family, and especially the housewife, from the drudgery of unnecessary steps. It saves them bothersome errands. It often enables them to escape hazardous exposure to disagreeable weather.

It adds enjoyment. The family accessible by telephone has greater opportunities for social pleasures. Over it they can both extend and receive invitations; they can send congratulations, or exchange greetings of the season. They can take part in "voice reunions" with distant friends or relatives—can indulge in the amenities of life to an extent denied those families without this modern, inexpensive convenience.

By delivering genuine value, telephone service of the type this Company supplies to Michigan has earned recognition as a welcome, sensible addition to the house.

**MICHIGAN BELL TELEPHONE CO.**



THE consistent use of Farm Bureau Insecticides and Fungicides makes possible the growing of an "extra fancy" crop. It also makes it profitable—because of Farm Bureau quality and effectiveness, and Farm Bureau Prices... We are proud of the high grade spray and dust materials we offer you under our own brand. They are full strength, freshly made materials, made and packed for your use by General Chemical Company, whose integrity and reputation are recognized wherever crops are sprayed for pest control... The Farm Bureau line provides you with all the staple spray items. For special protective spraying we offer also the Orchard Brand items listed below.

**Farm Bureau Services Lansing, Michigan**

221-227 North Cedar Street

ARSENATE OF LEAD  
CALCIUM ARSENATE  
BORDEAUX MIXTURE  
DRY LIME SULPHUR  
LIME SULPHUR SOL'N  
and OIL EMULSION



Also ORCHARD BRAND "ASTRINGENT" ARSENATE OF LEAD—BASIC ZINC ARSENATE DIBROMIC SULPHUR—"POTATO SPRAY"—BORDEAUX-ARSENICAL, ROTENONE & OTHER DUSTS NICOTINE SULPHATE—PARADICHLOROBENZENE—X-13 (PYRETHRUM EXTRACT)—PARIS GREEN

**Garden Seeds**

Farm Bureau's Tested Seeds Are Selected as

**BEST VARIETIES FOR MICHIGAN**

- Reliable
- Vigorous
- Productive
- Priced Low

Buy at These Farm Bureau Stores

- LAPEER
- PINGONNING
- HART
- IMLAY CITY
- BAY CITY
- Main and Henry Sts.
- SAGINAW
- 220 Bristol Street
- LANSING
- 728 E. Shawwassee St.
- HARTFORD
- Gleaners' Elev. Co.
- MT. PLEASANT
- Co-operative Elevator



### Emergency Pasture Calendar

From Farm Crops Dept Michigan State College May 1-25

Start pasturing alfalfa. Hold to 8-12 inch growth throughout summer or pasture off completely by July 5.

Turn on 2nd year sweet clover when 8 inches high. Pasture closely as long as it lasts.

May 25-June 15  
Sow Sudan grass.

Mid-June into July  
Start pasturing oats any time from 8 inch growth to heading. Graze off completely.

July into September  
Pasture Sudan grass.

July 1-September 1  
Pasture 2nd growth alfalfa.

September 1  
Stop pasturing heavily-grazed alfalfa for 6 weeks.

Pasture 3rd growth alfalfa from hay meadows moderately.

Sow rye, or rye and vetch for late fall and early spring pasture.

September 15 and later  
Watch out for frosted Sudan grass. Stop grazing with first severe frost.

October 15  
Pasture any vigorous alfalfa till season ends.

Pasture fall-sown rye, or rye and vetch.

### Seed Corn Information

**Husking Corn**  
M. A. C.—grown near Bay City. Adapted to southern and north-western 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**  
Michigan Yellow Dent—good quality grain in ensilage.

Leaming Fodder Corn—some grain.

Fancy Leaming—grain in ensilage.

Reid Yellow Dent—grain in ensilage.

White Cap Yellow Dent—grain in ensilage.

Farm Bureau Yellow Ensilage—superior ensilage, good leafy stalk, heavy grain.

Sweepstakes — Pennsylvania grown, especially good ensilage.

Red Cob Ensilage—for ensilage, less grain.

### Shift to More Hay Features 1936 Plans

Following 1935, the year of largest Michigan farm income since 1930, Michigan farmers appear to be considering these increases and decreases in plantings for 1936, says V. H. Church, federal crops estimator at Lansing:

	Increase in Acres	Decrease in Acres
Hay	70,000	
Corn	29,000	
Soy Beans	12,000	
Beans		22,000
Potatoes		13,000
Barley		10,000
Oats		26,000

The increase in soy bean acreage will be 50% over 1935, due in part to increased interest in use of the crop for manufacturing purposes. The Soil Conservation Act should further increase hay acreage.

### For Those Who Try

It's not the critic who counts, not the man who points out how the strong man stumbles, or where the doer of deeds could have done better. The credit belongs to the man who is actually in the arena; whose face is marred by dust and sweat; who strives valiantly; who errs and may fall again and again, because there is no effort without error and shortcoming, but who does actually strive to do the deeds.—Theodore Roosevelt.

### Invincible Jakway

James J. Jakway, the "Invincible Democrat" supervisor has been re-elected by a majority of 501 votes for his 26th term as a member of the Berrien county board of supervisors, according to the Benton Harbor News-Palladium.

### 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, 321 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 envelopes for this purpose on your request.

MICHIGAN STATE FARM BUREAU  
Lansing, Michigan

# Michigan Variegated is a Good Buy!

## A Great Alfalfa for Michigan

R. W. Bennett, Manager of Farm Bureau's Seed Service, Says—

NOW THAT SUPPLIES OF CERTIFIED Hardigan and Grimm alfalfa seeds are on their last legs . . . almost out . . . our next best bet is Michigan Variegated. This variety is made up of uncertified, Michigan affidavit Hardigan, Grimm and Cossack alfalfa seed. It has a purity of 99.25% or better. It is selected, high germination test seed from the heaviest yielding, longest lived strains of alfalfa we have.



R. W. BENNETT

MICHIGAN VARIEGATED IS CHEAPER than it was last year at this time. However, with certified Hardigan and Grimm about gone, and stocks of western alfalfa getting low, this favorable price situation may change. DO YOU KNOW THAT NEW SEEDINGS of alfalfa, clover, or soy beans can draw soil building grants under the Soil Conservation Act that will almost pay the cost of seed? Take a look at this:

NEW SEEDINGS UP TO SEPT. 30, '36	EST. COST OF SEED PER A.	SOIL BUILDING GRANT PER A.
Alfalfa	\$2.60	\$2.00
Red Clover	2.85	1.50
Mammoth	2.65	1.50
Sweet Clover	1.40	1.00
Soy Beans	1.90	1.40

THE MOST IMPORTANT JOB WE HAVE is to assure you of Michigan adapted seeds of the highest quality. We feel so strongly about it that we have always guaranteed the description, purity and germination of Farm Bureau Brand seeds to the farmer to their full purchase price. We guarantee them to be as described on the analysis tag. We pack our clovers and alfalfa in sealed branded bags, and ask you to keep the tag and sample of the seed for reference.

### FIRST QUALITY SEED CORN

FARM BUREAU'S CERTIFIED HUSKING AND ENSILAGE corn is now in the hands of Farm Bureau dealers. All varieties we offer grow and mature in sections of Michigan for which they are intended. Their germination is 90% or better. Field selected, dried, shelled and graded by corn specialists. We also have some uncertified husking corn. We offer these certified stocks:

#### Husking Corn

Certified M. A. C., Pickett's, Golden Glow, Polar Dent, and Ferden's Yellow Dent Varieties

#### Ensilage Corn

Farm Bureau Yellow Ensilage, White Cap, Red Cob, Leaming, Sweepstakes, Reid's Yellow Dent, Mich. Yellow Dent



### Mermash for Chicks

MERMASH IS A LIFE TIME RATION for chicks, pullets and laying hens. You never need change or use any supplement. Chicks grow rapidly into heavy broilers and well developed pullets. Ask your co-op about this low cost, good feed.



#### Mermash

GUARANTEED ANALYSIS  
Protein (min.) 16%  
Fat (min.) 3 1/2%  
Fiber (max.) 5%

#### OPEN FORMULA

1000 lbs. Ground Yellow Corn  
300 lbs. Pure Wheat Bran  
300 lbs. Flour Middlings  
100 lbs. Meat Scraps  
100 lbs. Alfalfa Leaf Meal  
200 lbs. Mermash (Manamir formula: Fish Meal, Kelp, Calcium Carbonate)

2000 lbs. Mermash is made with or without cod liver oil. 5 lbs. of our Nopco XX oil has the Vitamin D value of 40 lbs. of ordinary cod liver oil. The gain is yours.

### CERTIFIED SEED BARLEY

CERTIFIED BARLEY FOR THE BIG YIELDS. For western Michigan, certified Spartan barley for pearling and milling; for eastern Michigan, Wisconsin No. 38 for malting and feeding purposes. You can get peat land barley for peat or muck soils from the A. M. Todd Co., Menasha, Mich. Treat barley with Ceresan to prevent smut.

### Hardigan, Grimm and other Alfalfa Seeds

WE'VE BEEN TELLING YOU THAT certified Hardigan and Grimm supplies would become scarce. While they are to be had, there is no superior for yield and quality of hay. We also offer these other good alfalfa varieties:

MONTANA GRIMM	WESTERN GRIMM	KANSAS COMMON
MONTANA COMMON	WESTERN COMMON	IDAHO-UTAH COMMON

### SUDAN GRASS and other PASTURE HAY CROPS

SUDAN GRASS OFFERED BY THE FARM BUREAU comes from Texas. High quality seed and good germination. One bushel of oats and 1 bushel of Canada field peas make a fine hay crop. Cut when oats are in the milk. For muck land, plant Michigan grown Siberian Millet. Plant June 15. Hay crop in 60 days. Cut before seed forms.

### Robust Beans

CERTIFIED ROBUST BEANS can always be depended upon to outyield other varieties. We also have a limited stock of the popular light Cranberry beans. Order them early.

### MANCHU SOY BEANS

WE OFFER MANCHU, the best soy bean for Michigan. High germinating stock. We also have a batch of Manchu containing 2 to 3% of Illini Manchu beans,—a very good buy for emergency pasture or hay crop, or for soil building purposes under the Soil Conservation Act.

### Any Forage Crop Seeding is a Good Investment

WE HAVE A LITTLE JUNE, MAMMOTH AND SWEET CLOVER for late seeders. Remember, rape makes fine sheep or hog pasture. It can be broadcast immediately after corn is cultivated last time. For farmers having swales or other game bird cover, or who like to provide bird life with winter food, we have the Conservation Dept's Wild Life Mixture of seeds for planting such places.

Timothy	Soy Beans	Rape	Lawn Seed
Field Peas	Buckwheat	Vetch	Sunflower

## FERTILIZER TELLS THE STORY



POTATO YIELDS: NO FERTILIZER, & WITH FURS FERTILIZED AT RATE OF 500 LBS. PER ACRE. ALFRED, BIDDLEMAN FARM, LAPEER CO.

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

NITROGEN IS 95% WATER SOLUBLE in Farm Bureau fertilizers. Gives young plants, quick, strong start. We use the best phosphate and potash carriers. Our fertilizers drill perfectly.

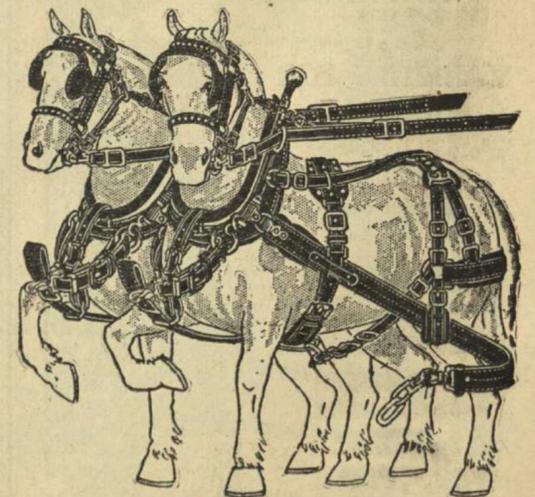
### Sugar Beet Results

(State College Test, Cass County)  
Yield Per Acre  
No Fertilizer . . . . . 6.6 T.  
Fertilizer at 167 lbs. per A . . . . . 13.7 T.

## HUNDREDS HAVE BEEN SOLD

ASK YOUR CO-OP ABOUT FARM BUREAU HARNESSSES

We use only No. 1 selected steer hides in all harness and strap work. We get the best in workmanship and hardware. Traces, breechings, strap work are extra strong for long wear. Write for our harness circular.



## GOOD, LOW COST LUBRICANTS



Ask your co-op ass'n for these Farm Bureau petroleum products.



- Motor Oils
- Tractor Oils
- Cup Greases
- Tractor Greases
- Grease Gun Stock
- Transmission Grease
- Stock Disinfectant
- Fly-Spray (cattle)
- Kill-Fly (household)

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%