SATURDAY, MARCH 2, 1940

Behind the Wheel

Vol. XVIII, No. 3

With J. F. Yaeger, Director of Membership Relations

CO-OPERATIVE TRENDS

After attending a number of meet ing at which managers and directors discussed co-operative business, I am gradually coming to the conclusion that there is a new philosophy growing in the co-operative field and new trends are apparent.

Included in this is the idea expressed by Manager Andrew Lohman of the Hamilton Farm Bureau, "It is the business of the co-operative and its management to wrestle with the economic problems of the entire community and to attempt to make all economically secure. The co-operative management, if it hopes to be, its thinking and activity to the bus-And Manager



said, "Co-operatives need to set up some way to keep the control of the co-operative in the hands of the active patrons. Call in the stock of the inac-

Co-operative

Elevator Company

tive members and see that it is taken up by those who are interested in using the institution." We'd like to add, "Just don't expect people to be loyal to a co-operative because we tell them to, but give them a chance to own an interest in the business and participate in its operations and earnings.'

Over at Howell, Manager Merle Crandall said, "This room (the assembly or meeting room over the general office) is apt to be our most valuable asset and our best investment in the future. Meetings are ative the center of agricultural activ. as a director, was re-elected. ity in the county."

Say many who are concerning themselves about the financial pro- ed the meeting, representing more blems of the co-operative, "We didn't than 18,000 live stock producer ship- verse City, chairman. The other two certified seed is particularly important. organize to do a banking business. pers to the Michigan Live Stock Ex-Let's get out of the habit of financing change at Detroit. John O'Mealey, Suttons Bay, and Wallace VanCleave, sections of the state last season on doing a better job of serving them in a selling or buying way. Let the make every farmer marketing credit unions, the Production Credit through the Exchange a member. Associations and co-operative banks Prior to that, for 20 years represendo the financing job."

fore, but danged if it don't seem to live stock shipping ass'ns. This year, at Grand Rapids, at which growers make sense

THOUGHTLESS UNDERMINING Neil Bass, co-manager of the Michigan Elevator Exchange co-operative dealers in grain and beans, is somewhat "het-up" about direct marketing. Opines Mr. Bass, "When a farmer sells grain and beans direct. he undermines what the co-operative is trying to do. The co-operative is organized on the basis of all farmers pooling their crops and having the organization market them in orderly AAA DINNERS fashion thereby eliminating competition between farmers and not glut- Interest in AAA Non-Partiting the market, all of which helps to maintain prices at higher levels. Direct selling is gradually defeating this and although it may seem a help to the individual who sells in this gram is trying to do."

OUR JOB Said Vaughn Tanner, newly elect- this statement by a unanimous vote: | igan, January 23rd, and one in south ed president of the Jackson County "We reiterate our continued and western Michigan on January 24th. Listen In! farmer program and organization) is ciples of the national farm program. a 5,000 tons of cherries attended the American Farm Bureau Federa General manager, E. J. Ryger, South in our county, state and nation." 40% DISCOUNT

seven million farm families, con-stituting 25 per cent of the population in our continued support, as well as these producers, even though they these amendments follows, quote: of the United States, are educating in the actions of those charged with should so appeal to the Department 31 per cent of the children of school the administration of the program. of Agriculture, as they are exempt age, but they receive only 11 per

groups. In other words, farmers in the proposed celebration, which is Letters are now pouring in to our islation. To keep pressing their con-40 per cent discount.

(Continued on page 2.)

LIVESTOCK EXCH. **AUTHORIZES A SUBSIDIARY**

To Revise Name at Detroit; New Directors Are Elected

At one of the largest annual meetings in its 22 years of existence, the Michigan Live Stock Exchange at Lansing, Saturday, February 24 authorized its board of directors to create a subsidiary marketing corporation at Detroit, and replaced two veteran directors' with 12 and 18

years of service with new men. The convention had under consideration the matter of changing its the market at the beginning of the name to the Michigan Producers syrup season as that will disturb Commission Ass'n, but upon the advice of P. O. Wilson, manager of the National Live Stock Marketing Ass'n National Live Stock Marketing Ass'n of Chicago, decided to continue the NORTHWEST FARM Michigan Live Stock Exchange as the of the most service, cannot restrict parent and membership organization. The board of directors was authorized to convert its Michigan Live Stock Exchange terminal market Frank Gilmore of sales office at the Detroit yards into a subsidiary corporation, which will the Parma Farmprobably include the word producers in its title. Selection of the name was left to the board of directors. Confusion Exists

It was explained by officers of the Exchange that as between the Detroit Live Stock Exchange and the Michigan Live Stock Exchange there is confusion at the Detroit yards. It was said also that of 23 producers live stock sales agencies at principal terminal markets which are affiliated with the National Live Stock Producers, all but Michigan employe the word producers in the title. The Michigan Live Stock Exchange is

When directors were elected, Stewstock and shipper at Onsted, Jackson veteran directors Fred Klotz of Port- tend a cherry committee meeting at replaced with disease-free seed-preland, and Charles Woodruff of Hast- Traverse City in August. He exings, who had 12 and 18 years service being held here three to four nights on the board respectively. Edward and the amendments, which would per week and are making the co-oper. Dippy of Perry, with 16 years service

18,000 Member Shippers Nearly 300 voting delegates attendour customers and put our attention secretary, said that two years ago Thompsonville. the Exchange changed its by-laws to tation at Exchange meetings had been I never thought of it that way be- by managers and directors of local said Mr. O'Mealey, the 18,000 members were called together in 26 dis-sections of Michigan were represent-30 delegates were elected to the an-(Continued on page 2)

FARM BUREAUS

san; They Want to Keep it That Way

way it costs him much in the long mid-west states Farm Bureaus, meet- of United States Department of Agristarts. This is just the opposite to age mass meetings of farmers at

Farm Bureau, "This (building a uncompromising support of the prin- More than 500 growers representing we going to let the other fellow run often-that we regard the farm prob- support to this project. our business and tell us what to do? lem as purely a problem of econ-Let's quit fooling ourselves and build omics, not of partisan politics. The ganization active enough and strong ported the farm program on a non- not mean that a marketing agree- with Farm Bureau developments. enough in each county so as to cap- partisan basis, and we insist that any ment would be in effect, but only ably speak and act for agriculture program or activity that appears to that a tool would be available for subject the organization or the farm the fruit and vegetable producers to program to the criticism of partisan use later on, should they so desire. Seven million farm families, con- interest or influence must be avoided As it now stands, no aid can be given

age, but they receive only 11 per mont, Michigan, F. C. Pernert, St. cent of the national income. This which we are assured coincides with are passed and cherry growers apbeen able to get Senator Gillette of Louis, Michigan and Charles H. Rancent of the national income. This is substantially higher than the 7 per the opinion of the officers of the peal for aid, hearings would be held lowe to introduce the bill. This will ney, Elsie, Michigan. cent which was their share in 1932. American Farm Bureau Federation, and a two-thirds majority of all pro- give the bill increased prestige and Even in the pre-World war period, that it would not be fitting or proper, ducers would have to vote their deinterest in the senate committee, boro, Tennessee, was elected direct. the farmers' net income per capita particularily in a presidential election before a market. What is needed now most of all is or of the Tennessee district. was only 60 per cent as much as the tion year, for the Farm Bureaus ing agreement would be declared in for our state and county Farm Burnet income per capita of non-farm which we represent to participate effect.

west.' Steadily, they have contributed not A committee of the board of di- support these amendments. More are a fruit or vegetable producerwealth in the form of interest pay. made by the mid-west State Farm opposition. An excerpt from our your Congressman, asking that they ments on mortgages, held as a result Bureaus, but the Michigan Farm Bur- Washington legislative Representative amendments HR-6208 and eau has taken no official action. tive, W. R. Ogg's latest letter on S-225?

Good Maple Syrup Season Expected

That unique American operation—tapping maple trees to obtain sap for sugar and syrup-ought to be put to full use in Michigan in early spring this year because of a predicted upturn in demand and prices.

Prophecies of better prices and a good out-of-state demand are made by W. Ira Bull, extension forester at Michigan State college,

In one way, says Bull, Michigan might as well take advantage of the 1939 hurricane that swept New England and decreased the amount of syrup eastern states can produce.

"Tap early and remember that cleanliness is necessary to produce a high quality product for table use,' Forester Bull warns sugar bush owners. "Do not force the product on chances for premium prices."

BUREAU ASKS HELP FOR CHERRIES

Seeking Amendments to AAA For Cherry Marketing Agreement

Cherry grower Farm Bureau members of The Northwest Michigan Farm Bureau are urging immediate action from all Farm Bureau members for the passage of the amendments now before Congress which would include canned fruits and vegetables under the Marketing Agreement Act of the AAA of 1937. Namely: HR-6208 and S-225.

Appeals from the cherry grower members started the Northwest part owner of the Producers Co-op Michigan Farm Bureau investigating erative Ass'n at East Buffalo, N. Y. the problems of the cherry industry back in July 1939. Through the coart Shepherd, a large producer of live operation of the Michigan State Farm Bureau, Secretary Blackburn county, and Perry House, producer at of the American Farm Bureau Feder-Rosebush, Isabella county, replaced ation was secured as speaker, to atments a temporary committee was able for profitable production. set-up with John Langworthy, Tra-

The committee later was enlarged to 18 leading growers in the Grand Traverse region. Several planning meetings were held. On December 20, 1939, a state meeting was called from the entire cherry producing

A State Committee to carry on future investigation was elected which consisted of John Langworthy, chairman and C. B. Carey, secretary, both of Traverse City. Regional chairmen are: Carl Buskirk, Paw spraying, Paw, southwest Michigan, Dan E. Michigan.

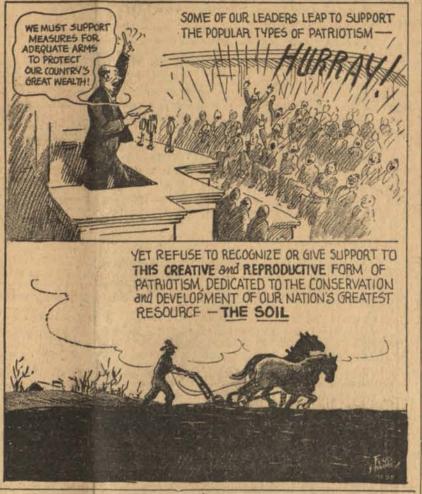
Presidents and secretaries of the ington, D. C. of the Extension Service yields and poor quality crops. adjustment act. The group adopted meetings in the central west Mich- in 1940.

> Two-Thirds Must Approve The inclusion of the Amendments

"Therefore, we are of the opinion, from this Act. If the amendments

cherry growers, asking that they

They'll Do it Every Time



CHECK SEED POTATOES FOR

Late Blight Carries Over In Seed; Serious Last Year

By H. C. MOORE

State College Potato Specialist Michigan potato growers should take stock at once of their seed. I ferably certified. For 20 years Mich plained the Marketing Agreement Act igan certified seed potatoes have increased the yields and improved the include fruits and vegetables under market quality of the potato crop in the Act. As a result of this first Michigan and other states. Many cherry meeting on marketing agree- growers have found its use indispens

For the 1940 planting, the use of members were: Herrick Waterman, Late blight was very serious in most There are many lots of potatoes so badly affected with blight that they severe losses this season.

blight are (1) clean seed and (2) Bend, Feb. 22-23. thorough spraying with bordeaux mix- | E. J. Ryger, general manager of is always the probability of its beidly under cool moist weather condi- lbs, of that amount. tions. The best insurance against it

Reed, Shelby, central west Michigan, just now in potato maladies, there They do their own marketing, gather and Jay Robotham, Beulah, northwest are several other troubles that are At this meeting it was decided that good quality potatoes and they take the holding of general grower meet- a heavy toll of the crop every year. ducing together a uniform and very ings, with an authority on marketing Some of these include Mosaic, leaf high quality product, the advantages agreements as speaker, was the roll, spindle tuber, yellow dwarf and best means of informing the cherry giant hill. These are the diseases that which should produce a uniform progrowers. Dr. William Oakey, Wash- are responsible for many of our low duct, and other advantages in work-

Certified seed outyields other seed run. As direct selling continues the ing at DesMoines, Iowa, Feb. 22, act- culture who is an authority on mar- because it is practically free of such farmer competes with his neighbor ed upon information that arrange- keting agreements was secured as diseases. Careful inspection and for the market and price cutting ments are well under way to encour- speaker, through the American Farm thorough rogueing of certified fields Bureau Federation. A series of gen- insure high quality seed for Michigan what the co-operative marketing pro- county and community dinners to eral grower meetings were schedul. farmers. For better yields and better celebrate passage of the agricultural ed; Traverse City, January 22; two quality potatoes, plant certified seed

the farmer's own job. How long are We repeat what we have said so these meetings and pledged their tion is broadcast on the second Sat-Bend, Ind. urday of each month at 11:30 to The directors elected for the our own program and a farmer or Farm Bureau has sponsored and sup-

> worthy the deep, controlling anxiety bury, Indiana. of the thoughtful man.

Other Farmers Can Help

"We have made some further proeaus who are interested in this leg- the Mid-West Producers Creameries, have constantly fed the nation at a being emphasized in the middle Congressmen at Washington from gressmen and senators for action." Need more be said? Whether you only half of their children to the rectors of the Michigan State Farm letters are needed to bring sufficient dairyman or general farmer, won't cities, but a considerable part of their Bureau has considered the statement pressure to bear to off-set canner you help your neighbors and write

Allegan Co-op Group Elects New Leader Allegan-Elmer Morgan, Trow-

bridge township, has been elected president of the Allegan Farmers Co-operative association, replacing Ernest Pettit, who died recently. Peter Witkop of Watson township was appointed to the board of di-

Other officers include: Vice president, W. E. Wilson; secretary, Ralph Busfield; treasurer, Mrs. Adelene Crandle. Bernard Begeman was re appointed manager.

MICHIGAN MAN

22 Organizations Marketed 27,887,289 lbs. of Butter

C. A. Brody, manager of the Conare unfit for seed. This disease car. stantine Co-operative Creamery, was ries over in the seed and may cause re-elected president of the Mid-West Producers Creameries, Inc., at the Essentials in the control of late seventh annual meeting at South

ture. Regardless of how free of the Mid-West, reported that the 22 blight any lot of seed may be, there member creamerles, including 11 in Michigan, manufactured and sold coming infected during the summer during 1939 a total of 27,887,289 lbs. from neighboring fields. Late blight of butter. The Michigan creamery is a fungous disease that spreads rap members produced about 12,074,830

The Mid-West Producers Creamer is disease-free seed and thorough ies, Inc., is a general co-operative organization. The member creamer-While late blight holds the spotlight les are owned and managed locally. cream and pay their producers in very destructive to high yields and their own ways. However, they recing together, such as in buying supplies, operating a butter quality control laboratory, a sales promotion changed its patronage dividend plan larger, department, and so on. The Mid- to apply to all patrons, crediting the West handles these arrangements first patronage dividends due a nonfor the member creameries.

ficers and directors for 1940 is: grown to have 694 stockholders. The see their \$100 investment, for example, President, C. A. Brody, Constantine, sales increased from \$63,000 in 1933 worth \$150. Shall their share of the Michigan; vice-president, Fred Suhre, Columbus, Indiana; secretary-treasur-The regular monthly program of er. Oscar A. Swank, Orleans, Indiana.

12:30 C. S. T. on the NBC National Indiana-Illinois District were as fol-Farm and Home Hour. Be sure to lows: Fred Suhre Columbus, Indiana, Amos M. Hays, Crawfordsville, Indiana, O. O. Brubaker, LaFontaine, Education is the only interest Indiana, and D. S. Blough, Middle-

Elected directors of the Michigan District were: C. A. Brody, Constantine, Michigan, G. S. Coffman, Coldwater, Michigan, Fred Walker, Carson City, Michigan, Evert Hall, Fregress on the senate side. We have mont, Michigan, F. C. Pernert, St.

Michigan member creameries of

Coldwater Dairy Company
Constantine Co-op Creamery
Carson City-Dairyland Cr.
Elsie Co-op Creamery
Fremont Co-op Creamery
Grant Co-op Creamery
Lawrence Co-op Creamery
Marcellus Co-op Creamery
Nashville-Farmers Creamery
Niles-Producers Dairy
St. Louis Co-op Creamery

A New Movement in Michigan Farm Co-ops

Patronage Dividend System is Employed to Make Stockholders of Non-Member Patrons: Co-op Clinic Reveals Benefit of Plan

Eight co-operative clinics held during February brought out matters of considerable interest to readers of the Michigan Farm News and to other farmers who are stockholders or patrons of farmers' co-operatives.

The clinics were examinations of the present and future business policies of farmers' co-operatives. They were arranged by the Farm Bureau Services, Inc., the Michigan Elevator Exchange and the economics department of Michigan State College. There was an average attendance of 50 co-op managers and directors at meetings held at Grand Rapids, Shelby, St. Joseph, Hillsdale, St. Johns, Howell, New Haven, Cass City.

The discussion was directed at building the business, earnings, and membership through increasing the co-op's membership by the patronage dividend method, a system that is coming into general use.

A major problem before all co-operatives in Michigan, the speakers agreed, is to keep themselves qualified as farmer co-operatives before the law. Articles and by-laws do not make a co-operative. The way a co-op lives does determine its standing and its future.

Co-op Ownership Shrinking been observed that many co-operatives have not been extending their membership to patrons to keep up with the growth of their business, and to make up losses in their original memberships occasioned by stockholders leaving the community, quitting farming, or passing away. Consequently, these farm co-ops are in danger of losing certain privileges and advantages that are not given other

types of business. Four out of five Michigan farm cooperatives are in position to increase their memberships by a patronage dividend system for all patrons, with the provision that the first patronage dividends to be paid a non-member shall be applied to the purchase of a share of stock in the co-operative About one-fifth of the farmers cooperatives in Michigan are working on this plan now, and to their decided advantage.

When Patrons Share Ownership

membership were increased sales, in ship has increased its stockholder list creased earnings and patronage divi- to more than 900 and the annual busdends, new merchandise and other iness to \$978,000. Five years ago it services for co-op members as the did 35% of its business with members. business and membership developed. Last year it did 90% of a nearly And last but not least, the members \$1,000,000 business with its memberhave once more a co-operative that does nearly all its business with its own membership and fully qualified for every advantage and saving under federal and state co-operative laws, and exemption from federal income

Some Examples

A. B. Love of the Michigan State College economics department presented by charts the history of several Michigan farm co-operatives who have made large increases in their business, earnings, memberships and have improved their standing as farm cooperatives through adoption of the active and interested. They come out patronage dividend plan for bringing non-member patrons into active mem-

Co-operative "A" In 1933, said Mr. Love, Co-operative But annual meetings have been much "A" had 350 stockholder members. It like those in the past, only much member to the purchase of a share of The complete list of Mid-West of stock. In 1939 this co-operative had and worked for its success and now to \$191,000 for 1939. In 1933 the co-op assets be shared with patrons who did 35% of its business with members. come into the organization through a Last year it did 80% of its business

As the years have passed it has with members, and has an oncoming class of prospective shareholders through the patronage dividend route.

Co-operative "C" Co-operatice "C" had 388 stockholders in 1935 and was doing a business of \$186,000 a year. The patronage dividend system has increased the number of shareholders to 1,091 and the annual business is up nearly \$1,000

Co-operative "D" Co-operative "D" a small farm coop operating in a limited territory and is 25 years old. At the beginning of 1935 its membership had dropped to 79 and its annual business was \$63,000. The patronage dividend system has increased the number of stockholder members to 234 and has increased the

business to \$79,000. Co-operative "E' In 1935 Co-operative "E" had 290 stockholder members and an annual bers of \$584,000. The patronage divi-Benefits cited from the increased dend system for increasing member-

> Questions from Co-ops "Are the new members brought in by the patronage dividend process good members, or are they just members eased into the company?

ship.

"What will all these new people do to our company once they are in? "Will they proceed to make sweeping changes in the program of the co-operative?"

These were typical questions raised in the discussion. The co-operatives present who had tried the plan reported that their new members are to meetings. There has been no change in the policies of the co-op or its management or officers. Retiring officers have been replaced, and so on.

Division of the Assets "How about the old members of a co-op who have been with it for years

Trends of Farm Co-operatives in Michigan

By J. F. YAEGER

Director of Farm Bureau Membership Relations

1.—There is a tendency on the part of co-operatives to recognize that non-member patrons are also builders of the business, and should be encouraged and assisted to become stockholders.

2.—The patronage dividend system enables co-operatives to make non-member patrons stockholders by providing that the first patronage dividends shall be applied toward the purchase of a share of stock until it has been paid for.

3.-It has been found that this system of bringing patrons into stockholder position in a co-operative does not damage the co-op in any way, but on the contrary it continues

the co-op in the control of its stockholder patrons. 4.—There is an increasing trend on the part of farm cooperatives to believe that they cannot be both merchandisers and bankers for their customers, and that they should assist their patrons secure needed credit from such co-operative sources as credit unions, Production Credit Ass'ns, and from

Successor to the Michigan Farm Bureau News, founded January 12, 1923

Entered as second class matter January 12, 1923, at the post-office at Charlotse, Michigan, under the Act of March 3, 1879.

Editorial and general offices, 221 North Cedar St., Lansing, Michigan. Postoffice Box 960. Telephone, Lansing 21-271.

EINAR UNGREN..... Editor and Business Manager

No. 3

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

Vol. XVIII SATURDAY, MARCH 2, 1940

Who Did These Things?

We suggest that you turn to the article in this edition which is headed, "How Washtenaw Puts it up to Farmers". Gordon Gill, secretary of the Washtenaw County Farm Bureau, has written an interesting and a stimulating letter about our organization. You'll feel well repaid for having read it.

The Electric Water System

A modern electric water system for the farm costs from \$60 to \$150. That includes the pump, motor, tank and pressure control. There are probably few places where such an investment returns so much in convenience and labor saved.

The Michigan State College agricultural engineering department tells us that on an average farm a twelve months supply of water pumped and distributed by an electric pressure system metered 97,640 gallons. Another meter attached to the motor revealed that the cost for electric energy was \$5.85.

If a person had to pump all that water by hand, he could do it in a little less than 500 hours, provided he averaged 200 gallons per hour. His time would be worth about one cent per hour, compared to what an electric system will do it for, considering only the cost for power.

Township Roads and Farm Taxes

In our February edition we reported that in some twenty counties there has been a return in part to the system of taxing farm real estate for new construction on township roads. The explanation given by officials of the Michigan Ass'n of Road Commissioners and Engineers is that the \$4,000,000 received by the counties under the McNitt Act is not near enough to maintain the old township road system, let alone consider new construction. Granted that it is so, thought might be given to increasing the township road money from the gasoline tax, as provided for in the McNitt Act.

Another squawk from the township road point of view was aired before the Ionia county board of supervisors late in February. The Orleans township supervisor, who is chairman of the board's roads and bridges committee, offered a resolution objecting to the Ionia county road commission charging the township roads about \$20,000 a year for the rental of road commission equipment. The roads and bridges committee chairman declared the practise is taking from the townships money designed for township road improvement. The county road engineer replied that the townships get service for their money. The resolution was not adopted. The incident is mentioned here to emphasize the fact that township roads are going to be supported from gasoline tax funds through the McNitt act, or increasingly through farm real estate taxes.

In this connection it is well to recall the views of the Michigan State Farm Bureau membership on highway finance policies in the state, as expressed in a resolution adopted at our November 1939 annual meeting:

"No other group surpasses the membership of the Michigan State Farm Bureau in appreciation of the importance of properly planned, efficiently constructed and well-maintained highways to serve adequately the varying traffic of all sections of the state. We rejoice at the progress which has been made in developing a system of highway finance so that the costs are borne by the motorists who are, of course, the beneficiaries from all such improvements. We emphatically register our protest in advance against any suggestion which might be made to return any of the burden of highway construction, maintenance or debt retirement to the basis of a general property tax levy. We recommend intensive study of road building costs as a step toward making our road funds yield more highway improvement for each dollar so expended."

Farm Bureau and School Finance

Under present conditions, education is obviously a state rather than a local function and responsibility. A large proportion of the pupils educated in Michigan's rural schools spend their productive years in employment in urban communities. If we are to have equality of educational opportunity, our formula for financing the public school system must make available to every child adequate educational facilities and advantages without excessive and confiscatory tax burdens in any community. We are gratified at the progress which has been made in the solution of this problem in Mchigan, but we would strongly urge that the Legislature amend the

S. CLARK



March

The ancient sages of the Nile were downright canny wights. They conned the eternal wheeling stars on warm Egyptian nights; They studied the inconstant moon, her changes and her powers, And figured out a calendar as accurate as ours.

Deep graven on the temple walls they carved their almanac, Forecasting there the welcome day that brought the river back; Good Mother Nile, all brown with silt from distant Ethiope Brought in the new Egyptian year of seedtime and of hope.

We moderns hall the new year in on January First When all the soil is frozen tight, and never a bud has burst, But it has always seemed to me that March should usher in The Farmer's Year for then it is that new Hired Men begin.

No longer may the slothful soul remain abed till six, But five is our arousing time along the Street called Hicks, And he who greets the First of March with indolence and ease Will be behind all summer long in driving times like these.

For there are still the endless chores that only farmers do; The first new lambs have staggered up and need our tending to: The sugar bush takes lots of time, and when the mud is deep I sometimes wish I had no bush or else no lambing sheep.

The grape row must be trimmed and tied; the orchard pruned as well, And dormant spray is just too late when buds begin to swell. The barnyard has to be cleaned out; we labor for our lives For these odd jobs must be caught up before spring work arrives!

The whiskered old astronomer may skim the milky way And state in all good confidence the date of New Years Day Perhaps for him-but not for me. My work begins to hum And it's New Years now on Hicks Street, for the First of March is come

State-aid law so that every pupil from a primary school district who graduates from the 8th grade should have his tuition paid in full by the state to attend high school, the total per student not to exceed \$90 per year. Specifically, we protest against the provision of the law passed by the 1939 Legislature which deducts from such tuition payments the amount of the primary school fund available for each child.

The foregoing is a statement of the views of the Michigan State Farm Bureau membership on state aid for schools, as adopted at the organization's annual meeting in November of 1939.

A Change in American Farm Life

Since the United States became a nation, decade after decade our city population grew faster than the rural, and the proportion of the total population living on farms declined gradually to about one-fourth by 1930, according to the U.S. Dep't of Agriculture.

The decade of the 1930's was the first in our history that failed to show a declining proportion of the total population living on farms and of the working population engaged in agriculture. Among the factors responsible for this situation are the shutting off of foreign immigration, a decline in the birth rate, and the scarcity of industrial opportunities for rural migration to towns and cities. It is variously estimated that had the progress of industrialization continued during the 1930's as in previous decades, we would now have perhaps as much as 20 percent fewer people living and working on farms.

Here in striking form we have an illustration of the fact that the national economy has changed. Already it is far different from what it used to be. Adjustments of the kind that used to take place between agriculture and industry take place no longer, or at any rate not to an extent sufficient to re-establish a satisfactory balance. Obviously, if the annual farm income had to be distributed over only, for example, 26,000,000 persons instead of 32,000,000, the average standard of living in the rural areas would be about 25 percent higher. If the excess farm population could enter industrial employment and migrate to urban centers, the resulting increase in the demand for farm products would mean a gain in the farm income; but this route to a solution of the farm problem is not now feasible.

These are the things that have developed while the Farm Bureau and agricultural leaders in the state and federal governments have been working on a national farm policy to improve farm income. These great changes suggest that we must be ready to make changes

Van Buren Annual Sets a Record

The largest attendance in the wenty years of Farm Bureau history responded to the call for the annual meeting of the Van Buren County Farm Bureau at the Methodist church t Paw Paw, Saturday, February 17.

The capacity of the church basement and parlor was taxed to accomnodate the nearly 250 diners, who were served a fine dinner by the the Wheel Methodist ladies.

Van Buren county's Charlie Mc-Carthy, a real ventriloquist act put who have moved to town. on by a 9-year-old Geneva township

Jack Yaeger, director of memberhought provoking address.

The address was followed by an ineresting panel discussion on the probem of father and son partnership in farm operation. This was conducted to which they have lived off the farmby James Thar of Hartford, and paricipated in by C. E. Ritas and son and Clyde Robinson and son of Hartford, Jay Lyle and E. V. Root of Paw Paw, Norman Boyer of Lawrence, and The day Mr. Bailey came into our member its our job in a co-operative

sulted in the re-election of Jay Dodge of Paw Paw, president; A. J. Dowd of Hartford, vice president; and Edwin Chase of Waverly and Waldo Phillips of Hamilton as directors. Other members of the board of directors with unexpired terms are Mrs. Walter Conklin of Hartford, and Mrs. A. E. Holdt, Myron Cook of Lawrence and Bert Gleason of Paw Paw.

Behind

(Continued from page 1) of inheritance by the farm children

Also, farmers have always absorbboy, was the feature of entertainment ed more than their fair share of the in the afternoon session, which was unemployment shock. It is true that attended by more than three hundred when times are good, farmers may receive some extra money from Johnny and Sue, who have jobs in ship relations of the Michigan State town. But every time there is a de-Farm Bureau gave a thoughtful and pression, Johnny and Sue are likely to come back to the farm as a place of refuge.

The cities never have realized and probably never will realize the extent ers' bounty.-Henry A. Wallace.

78 YEARS YOUNG

Livestock Exchange Authorizes Subsidiary

nual meeting at Lansing.

Citing the record Elmer A. Beamer of Blissfield, who was president of the Exchange for 18 years and is now state commissioner of agriculture. O'Mealey drew a round of applause when he observed, " You may see a former president of this Exchange a governor of Michigan some day.

Beamer Raps Canadians Commissioner Beamer was sharply critical of the manner in which Canadian live stock interests have acted to circumvent the reciprocal trade agreement on American live stock since the war has boomed the price of hogs in Canada

It was all right in Canada, said Commissioner Beamer, when their cattle were coming into the United States to a good market advantage under the reciprocal agreement. But now, when hogs are bringing \$2.50 more per hundred in Canada than in duce better grade of lard; (3) discovthe United States, the live stock interests there have induced the agri-1812 to find authority to supersede groups suggested: (1) Lard should be the trade agreement and keep out offered consumers in more attractive hogs from the United States. It has containers; (2) advertising and other been ruled that no hogs may enter educational work should be done Canada unless they are held for 30 promote the food value of lard, days before slaughter. That is an Mrs. Myrtle Hammond, secretary of effective gate. The excuse is to pre- the Dowling-Banfield Community duty under the trade agreement, and lard. had \$1.50 per hundred over our SHE IS THE HURON domestic market.

Terminal Markets Gain

Live Stock Exchange's sales office at the Farm Bureau. At home there coln as a storekeeper, Grant as a tanthe Detroit stock yards, declared that are three children and she helps with ner-but none of them gave up. They farmers are coming back to the be- the management of the farm. Last moved into other fields, tried other lief that there is an advantage in sell- summer she superintended the field things for which they were better fiting live stock on the terminal markets, and quoted a gain of 20,327 head of all classes marketed at Detroit over the 1938 figures to prove

One of the most discouraging things about operating a terminal selling agency, said Mr. Boutell, is the fact that when live stock markets become dull and draggy, or are on the downward trend the terminal market gets the largest per centage of live stock, and when the markets are good or tend upward, we receive the smaller per centage. This is due to the activity of speculators and country buying points, and is just the opposite of the manner in which the farmer should markekt his live stock.

The Year at Detroit During the calendar year of 1939, the Michigan Live Stock Exchange marketed at Detroit for its membership, Mr. Boutell said: 38,605 cattle or 20% of the total receipts for Detroit: 29,577 calves or 23% of total receipts; 86,944 sheep or 25% of total receipts: 55,256 hogs or 25% of total eccipts.

The Exchange paid its shipper members \$4,416,594.16 for their live stock, and issued 46,318 checks to cover 39,500 sales.

The average check to the farmer in 1939 was \$98.54 and represented an average shipment of 5.3 head of stock. In 1938 the average check was \$91.83 for an average shipmen of 6.3 head of stock. Prices were better in 1939. Fifteen years ago receipts were largely by the carload from local livestock shipping ass'ns. The average sale covered 48 head of stock, and the Exchange checks averaged \$917.80. Today and for some years, more than 90% of the stock brought to Detroit comes by trucks, operated by professional truckers, or by farmers bringing their own stock to market.

Cost When Co-op Markets What does it cost to sell live stock at the Detroit stock yards when done through the Michigan Live Stock Exchange? Mr. Boutell answered his question by quoting the average sales cost during 1939; cattle 86.5c per head; calves 45.5c per head; sheep 19.3c per head; hogs 22.3c per head.

Saturday night about 600 Exchange members and their wives attended theannual dinner at the Hotel Olds, convention headquarters. P. O. Wilson of Chicago, general manager of theNational Live Stock Producers Ass'n, spoke.

I have but one lamp by which my feet are guided, and that is the lamp of experience.-Patrick Henry.

mature years farmed actively. Now he rents the place. Well known in his section of the county, Mr. Bailey is respected and for years was treasarer of his township Farm Bureau.

CO-OPERATIVE BUYMANSHIP

In a recent Market Letter, the Farm Bureau Services, Inc., said, "Rather than selling to our members (in a co-operative) we should help them to make the best buy for their particular needs. This means that we will give our members and patrons those commodities that will most sat isfactorily fill their needs what paint is best for their buildings, what feed is best for their hogs, what analysis of fertilizer will be most productive for them . we are a service organization rather than a sales organization.

Remember this Mr. Farmer when you go to your co-operative to buy. Ask those who serve you what they recommend and if its not Co-op Unico or Farm Bureau, ask them why If Farm Bureau lines are not better than anything else, you want to know it and we want to know it and WHY Over near Dimondale in Eaton If they are better, then you want county lives William Bailey, age 78 them AND NOTHING ELSE. Reoffice, he had driven his car into town to help you buy WHAT'S BEST FOR At the business session, held in the alone and through heavy traffic. Un- YOU and not to sell you just to make forencon, the election of officers re- til a year ago, this young man of the sale or a profit.

The Associated Women

American Farm

Mrs. Pearl E. Myus, Director for Michigan

WOMEN OFFICERS OF

COMMUNITY FARM BUREAUS women are recreational leaders. SUGGESTIONS FOR PROMOTING

THE SALE OF LARD Mrs. Olive M. Rupp, secretary of the Buena Vista-Bloomfield Community Farm Bureau of Saginaw county, County Farm Bureau. She is very said their group discussed the questionnaire on lard at their February rural schools. meeting, and made these recommendations for increasing the use and matically makes a woman a member sale of lard: (1) advertising: (2) pro- of the Associated Women of the er new uses for lard.

Saturday, with hogs at \$9 per hun- take the place of good lard in cooking. day evening, Feb. 8, at the Grand dred at Toronto, many U. S. shippers The group asked about the composi- Blanc high school. Dinner was served could have paid the \$1 per hundred tion of the several substitutes for to 175. Stanley Powell, legislative

COUNTY CHAIRMAN

Mrs. Hal Conkey of Caseville is a workers who harvested their snap ted.

beans for the cannery. When the community church burned Mrs. Con-There are 134 Comunity Farm Bu- key organized a successful campaign reaus in Michigan. Of this number for funds to rebuild and was the leadthere are 6 which have women chair- ing solicitor. She's secretary of the men, 12 which have women as vice County Farm Bureau, and much interchairmen, 98 have women secretaries, ested in Junior Farm Bureau work. and 11 have women reporters, and 68 Recently she was elected chairman for the Huron County Farm Bureau membership campaign

CLOSING NOTES Mrs. Mallory Stickney has been elected a director of the Oakland interested in educational work and

Farm Bureau membership auto-

American Farm Bureau Federation. Producer-Consumer Relations is the Mrs. Carrol A. Dehnert of Mayfield subject of the Farm Bureau Women's cultural authorities to go back to Community Farm Bureau said their speaking contest, ending in Michigan in early November, 1940.

Genesee Honors 24 Charter Members

Twenty-four charter members of the Genesee County Farm Bureau were vent possible entry of hog cholera, says she doesn't believe anything can honored at the annual banquet Thurscounsel for the State Farm Bureau, spoke on Farm Bureau work.

Napoleon failed as an essay writer, George Boutell, manager of the busy young woman at home and in Shakespeare as a wool merchant, Lin-

There is no need to take unnecessary market risks when buying Copper Sulphat Unico Brand is available when you want it, as you want it, from slocks at your local Farm Bureau Agency. Unico Brand "Instant"—99% Pure, simplifies the preparation of your Bordeaux Mixture because it's easy to weigh accurately, dissolves immediately and insures absolute accuracy of the metallic copper content of your spray mixture.

Unico Brand Copper Sulphate is also available in Crystals, Granular and Snow. For Copper Lime Dust use MONOHYDRATED—it has full 35% Metallic Copper content and is chemically and physically correct.



Well-fed and Well-bred Corn HARVESTS EASILY and YIELDS PROFITS

VAILABLE plant food in the soil may be compared to feed in a self-feeder. The more hogs running to the feeder, the faster the food will disappear. Increased yields from liming, plowing under organic matter, planting more vigorous hybrid seed, or dropping more grains per hill or more hills per acre, all make greater drains on the soil. To maintain high yields, a grower must keep a balanced plant-food supply in the soil.

In order to give corn a chance to produce to capacity, many growers now use high-potash fertilizers, like 3-12-12, 0-12-12, and 0-20-20. Plenty of potash keeps corn plants healthy, with strong stalks which produce ears with plump kernels. You may need extra potash if your corn has a tendency to lodge, if the lower leaves show brown marginal firing, or if the corn ears are chaffy and of poor feeding quality.

Consult your county agent or experiment station about having your soils tested to determine their supply of available plant foods and what fertilizer to apply. Then make sure that your dealer sells you a fertilizer containing enough potash. An increase of only 21/2 bushels of corn at 40c will pay for an extra 10% potash in your corn fertilizer applied at the rate of 200 lbs.

> WRITE us for further information and free literature on how to fertilize your crops.

American Potash Institute, Inc. INVESTMENT BUILDING

WASHINGTON, D. C. Midwest Office: Life Building, Lafayette, Indiana



VAN BUREN CAMPAIGN A SUCCESS STORY

Lawrence Township Leading With 100 Farm Bureau Members

Surviving the greatest economic depression ever to envelop this country and sure growth generally, and in ture, and tolerates no ism but Ameri-Van Buren county the present carn- canism. paign for new members has shown that sincere, thinking farmers at e ready to support this organized movethat sincere, thinking farmers are ment to secure justice for agriculture

The local county group has been con-ducting a campaign for increased MOST FARM membership by volunteer workers membership by volunteer workers under the leadership of Jay Dodge of ACCIDENTS Paw Paw, county president and cam paign chairman, and George Schultz of Paw Paw, district organization di-

Singly, and in pairs and squads, farmers and farm women have gone out on the icy roads to tell the Farm Bureau story of achievement and hope to their neighbors. Their efforts have been successful beyond their fondest

One team, Messrs. Banks and Dickerson of Bloomingdale, signed fourteen members. Another, Mr. and Mrs. Thor Hagberg of Lawrence, signed twenty members.

Originally asked to give but two days to this drive, the county officers dangled a \$10 cash prize before the volunteers, Monday evening, February 12th, to go for the most members signed in the next four days.

You know the proverbial effect of a red flag on a bull, that is, on all bulls except Ferdinand.

Norman Boyer, oustanding dairyman of Lawrence township, accepted the challenge. (He is no Ferdinand). Exposing his colorful locks to the flerce winds of winter, Norman made a stream-lined attack on the resistance of Mr. Farmer so successfully that he had 'em lined up with \$5 bills in their hand, asking where to sign. This is fact, not fiction. Norman pocketed that \$10 prize with fourteen more members.

Almost a hundred Lawrence town-



and fifty farm families have been in this drive.

ways right would imply the impossi- With Farm Prices Near Low pected. To say that the Farm Bureau is alble in human intelligence, but if you elieve in democracy, if you believe that farmers are informed, are sincere, an not be fooled for long by visionary chemes and theories, you will have to believe that Farm Bureau is sound. the Farm Bureau is making a sout d bodies. It leads the fight for agricul- out many countles of southern Mich-

Take the Time to Make Every Machine and Appliance Safe to Use

As long as every farmer is pretty much his own engineer, farm hazards will continue to be numerous. They will be controlled largely by the care exercised by different individuals.

That is the deduction of H. H. Musselman, head of the agricultural engineering department at Michigan State College.

Electricity in Michigan has had such an unprecedented increase in use in rural areas in the last nine years that this new hazard alone requires exceptional watchfulness, says Professor Musselman. An incidental shock may be so light that the current user fails to realize that a well grounded circuit an easily take life.

In the haymow, says Professor Musselman, haste can easily cause accidents. Precautions include such simple things as fixing safeguards and rails around chutes, using care in pitching feed down from the mows.

In fact haste is a national farm evil cidents. Makeshift repairs, taking trict for a little help. chances, using machinery without guards or with guards removed are of them related to haste.

Machines take top toll as farm hazards. The older hazard from workng with farm animals still is second. n this class of troublemakers.

The moral of which, says Professor Musselman, is to take the time to do a job correctly, so that one will have the time to complete other necessary drain on agriculture. The money he could not afford these things. I farm work instead of being crippled or temporarily laid up because of acci-

To have the sense of the eternal In life is a short flight for the soul. To have had it, is the soul's vitality.-George Meredith.

Nothing great was ever achieved without enthusiasm.-Emerson.

ship farm families are now in the Farm Bureau, and about one hundred Present School Situation added to the roll in Van Buren county Problem for Taxpayers

Levels of Half a Century Ago

By MRS. EDITH M. WAGAR The present school situation is the It is democratic. It's policies are problem that seems to be the basis built on discussions and delegate ac- of much discussion among school tion through local state, and national patrons and school officials through igan. No doubt it is of much concern to interested parties all over the state.

Bureau used every energy at its pelled by law to attend these schools crops department at Michigan State command to convince the legislature that the taxpayers had gone their limit in financing high school educauition fees a state expense. board and school supporters.

It put now heart into the discouraged farmer who was gradually grow-

ing more tax-delinreckoning would come completely obsolete.

cessities of life in order to meet a items. young folks whom we knew full well about the wanton destruction of would never stay a day in the dis- school equipment, how the comtrict after commencement if there mercial students mistreat the typewas any possibility whatever of their writers, how library and reference getting any kind of a job eleswhere, no matter how strong the call might ed to stories of disobedience and disand causes the majority of farm ac- be from the farmers within the dis- respect towards teachers to the ex-

> Farmers For Education Every farmer wanted these boys a little while,

pay the price put upon them for it. Unruly bulls, and horses that kick are young folks. Perhaps that is why J-hops of the common high school

> too often took his knowledge to the classmates at the same time. city and proceeded to use it to create urban wealth. And the cost of ed-

City Schools Ignore Country Have you ever thought how millions of our young people have trained for all walks of life at the expense of the farm dollar? Have we one city school that has made any investment whatever to prepare their pupils for farm life?

Now then, who actually makes our school systems? Just give that subject some little study. Is it the man who pays the bill who decides what should be taught in the school, and how it should be taught and by whom? Or is it some highly organized group of educators whose foremost thought has been to "put two teachers where one taught before.' We are facing a new situation and where it will lead to is a problem that everyone of us should be concerned

State Tuition Not Enough We've all been notified that either the district producing the pupil or high school to which the pupil is comes along \$25 per pupil will be ex- fellow.

we are told that this is the difference between what the high school is getting and the actual per capita cost of each pupil's annual education. I don't doubt that statement at all, but I still maintain that the thing most needed in each school system is an efficiency expert. I'm positive many appalling leaks would come to light. I'm just as positive the value of hybrid corn as contrastin my own mind that a re-vamping ed standard or open pollinated variof the entire school system would eties for feeding livestock can be setbe for the great betterment of our tled in a hurry. growing boys and girls who are com-

until they have reached a given age. College, reports that science proves I may have been born 30 years the most reliable index of the too soon but I still think it would feeding value of various corns is the tion for the rural pupils passing from not be detrimental to any school boy apparent maturity or dryness and the eighth grade, we felt that the to be trained somewhat in the matter any discernable characteristic of load had been lifted and placed of responsibility, respect for proper- quality. where it should be when the law was ty, morals, appreciation for the adenacted making rural high school vantages afforded them, civil

> It seems time that the three R's were brought back to a place at least quent every year. on a par with some of the many frills He knew a day of of education. Let's not let them be-

come some day Last year I received a thank you when that terrible note from a sweet high school gradtax must be paid uate to whom I had sent a little gift, or his home would but it set my thoughts wandering be confiscated for when I noticed two words mispelled it. For years the in the three line note. Her diploma farmer had suffer- was the symbol of fitness for life's ed this unjust bur- work yet she had failed to acquire den. It was gall- some of the first rudiments of it. I ing to have to still think there can be many adjustscrimp and deny ments made and in the end they will yourself and fam- find that the appropriations from ily the actual ne- the state are ample for all necessary

ax for tuition for large groups of I've heard from several parties tent that I've wished the return in corns. of the "hickory stick" for at least

included in accident causes and all and girls to have this education but I've heard of the insulting comthey could not see their way clear to ments made to the patron who dared to "speak his mind" against the de Farmers as a rule have always mands of class rings for juniors and stood for educational advantages for the extravagance encouraged in the they have so often been imposed and the frequency of high powered salesmen being allowed to canvass Before the state paid the tuition, within the building. He resented be the educational system was a terrific ing dubbed a "crab" because he said levied on the farms for school was know he could not afford all of these no less than a subsidy to other vo- extras and at the same time meet cations, for the farmer had to extract his home obligations, yet he wanted this tax from the soil and it was in- his children to have an education vested in education of the pupil who and to feel comfortable among their

I protest against a school practice of class rings when the public must ucation was the smallest part of supply WPA jobs for the fathers of gether with virile man power if it to follow this modern trend of edu- Emmett, Grand Traverse, Kalkaska cation and of road taxation and of the and Leelanau counties. some of these new fads formulated of Animal Industry.

for us by hair brained job creators distant either.

And again, thank God for the 15 mill limitation in taxation. Without that safeguard we'd be swamped with ideas for added taxes. Every department would campaign for more money so as to give us more service of every description and of course more help would be needed and in no time they'd need a raise in salary.

And the farmers would continue to his parents is expected to pay to the raise crops for the same price they received a half century before. Until attending, the sum of \$11.20 for the things are evened up let's hold our present year and when another year ground for no more for the other

FEED VALUES OF HYBRID AND

Tests Show Both are Good; Pick a Corn that Will Ripen Fully

Good barnvard arguments about

H. C. Rather, head of the farm Within the last two years farmers

and even scientists began to wonder courtesy towards their faculty, school and some to argue. Livestock feeders thought some of the new hybrids were less palatable to hogs and beef animals. Harder for their teeth to grind and their stomachs to digest.

At Michigan State College no tests were run but Professor Rather suggested with approval of George Brown head of the animal husbandry department, that normal quality and maturity were the most important

Recently completed studies at the Ohio Agricultural Experiment Station bear proof of this wisdom, W. L. Robinson of the station staff in Ohio arrives at five decisions.

Corn hybrids differ from each other in palatability and feeding value. So do open pollinated varieties. Corns, whether hybrid or open pollinated, which were lowest in moisture proved most palatable to hogs and were consumed in greater quantity. There were no indications that hard corns had a lower feeding value than softer corns. Apparently mabooks are mutilated, etc. I've listen- turity or dryness and discernable characteristics of quality are reasonably reliable indexes of feeding value

The obvious conclusion, says Professor Rather, is that corn growers should choose hybrids or varieties that will get fully ripe.

EIGHT MICHIGAN **COUNTIES FREE** OF BANGS DISEASE

Farm Bureau Urges State Funds to Finish the Job

Eight Michigan counties are accredited by the U.S. Department of Agriculture as having practically the tax on the soil. That farm com- the pupils requiring them. I may be eradicated Bangs disease from their munity needed its portion of brain an old fogy in my thinking but where dairy and breeding cattle. They are power, inventive creative power to- are we going to end if we continue Alger, Antrim, Charlevoix, Cheboygan,

> hundred and one other public serv- Throughout the United States the ing demands. I like to think I am campaign for eradication of Bangs progressive but I also feel that we disease has resulted in 209 accredited must exercise common sense with counties in 17 states as of Feburary our progression and not fall for 1, 1940, according to the U. S. Bureau

> The Michigan State Farm Bureau has Thank God, some of this twaddle been urging that further state funds about eating spinach has run its be appropriated to complete the Bangs race and folks can begin to eat disease eradication program throughnatural once more. Now let's pray out Michigan. At its November, 1939, that we can get our feet on the annual meeting, the Michigan State ground on some of these other mat- Farm Bureau addressed this resoluters in the future, and not too far tion to the legislature and state offi-

> > "We commend the program which is being carried out for eradication of Bang's disease in Michigan and urge upon the legislature and the state administrative board the importance of providing adequate funds to make possible the payment of the state's share of indemnities for condemned and slaughtered reactors. The amount granted by the last legislature for the present biennial period was considerably less than needed to permit continuation of the testing at the same rate as had previously been carried on when the federal government was paying the full amount of the indemnities. Bang's disease is serious both from the standpoint of the cattle breeders and because of its relation to public health, and we feel that the clean-up campaign should be promoted energetically and aggressively so that the entire state may be covered as rapidly as possible."

Tanner Takes Community Farm Bureau Work

In a letter to Community Farm Bureau leaders announcing the addition of Keith Tanner, former Lapeer county district representative, to the State Farm Bureau membership relation department staff, J. F. Yaeger said:

"Mr. Keith Tanner, formerly in charge of a membership district in eastern Michigan, has been added to the staff at the Lansing office to assist in Community Farm Bureau work. All matters relative to Community Farm Bureau work will be referred to him in the future. Letters on this part of the program should be addressed directly to him even though Mr. Tanner will continue to work under my supervision.

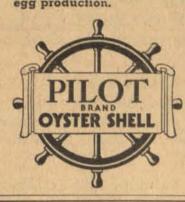
"I know, you will like Mr. Tanner and will give him the same fine cooperation you have given me in the past. He has had much experience in the fields of education, organization and co-operative management and spent some time studying the co-operative movement in Europe."

Of all the world's chies of 100,000 or more inhabitants, seven out of 10 are located on the water-34 per cent are on the seacoast.

Atlanta, Georgia, was once known as Marthasville.

Chickens and Humans

pilot brand oyster shell is as carefully prepared for poultry as it could be for human consumption, it is free from odor and impurities and is over 99% pure calcium carbonate-a necessary mineral for profitable egg production.



MARCH START CHICKS ON

ash rich in Vitamins A & D. A dependable source of these viramins is 'Nopco XX' Fortified Cod Liver Oil. 'Nopco XX" fed regularly at recom mended levels is flock protection against possible Vitamin A & D deficiency. No waste no dangerous variation — GUAR-ANTEED to contain 3000 U.S.P. units of Vitamin A and 400 A.O.A.C. units of Vi-

Don't take chances. Make sure yout chicks get their full quota of Vitamins A & D by feeding "Nopco XX" daily. High in potency, it goes farther than ordinary oil and saves you money.

Thousands of mill-mixed mashes contain "Nopco XX" — identified in many by the familiar Red Top guarantee tag. Also available from dealers in handy 2 and 5-16, cana-

*"Nopco XX" is a registered trade-mark of National Oil Products Company

NATIONAL OIL PRODUCTS CO. 1862 ESSEX STREET, HARRISON, NEW JERSEY

MICHIGAN FARMERS

MICHIGAN CERTIFIED SEED BECAUSE THEY CAN GROW

LARGER CROPS of HIGHER QUALITY

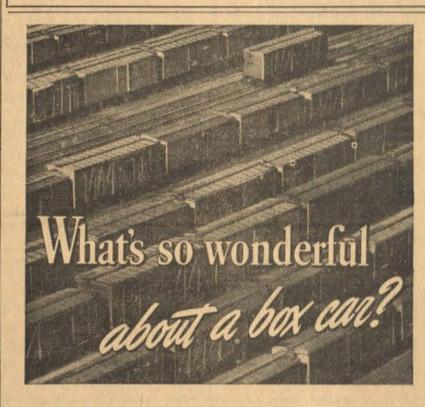
CHIEF PETOSKEY

THE SIGN OF QUALITY

Russet Rurals White Rurals Chippewas

Irish Cobblers Katadhins

Michigan Potato Growers Exchange, Inc.



MAYBE you've stood on a one, every hour of every day, in station platform recently the United States, Canada, Mexwhile a freight train thundered by and thought, "It looks just the same as it did when I was

And you're pretty much right. Freight cars haven't changed much in appearance.

But don't let that fool you.

The average freight car can carry 8 tons more freight than the car of twenty years ago. It travels at speeds which compare with passenger schedules of that earlier day. And freight trains do more than twice as much work as they did then.

Every freight car in America can be used on every railroad—and is equipped with standard parts so that repairs can be made in any railroad shop-or by emergency crews anywhere.

That surprise you? You haven't any operating problem that heard anything yet.

cars is what they do en masse.

There are some 1,700,000 of them in operation—and the railroads know the exact location of every terms.

ico and Cuba.

More than 100,000 of these cars are loaded every day at nearly that many different locations and consigned to nearly 100,000 different destinations.

These cars are marshaled together into trains-hauled across the continent-run through classification yards-sorted and put back together in new combinationsuntil they reach their final destination-all with such precision that no one gives the whole process a second thought.

The measure of that smoothness is found in this fact-that the railroads today could bandle the all-time peak traffic-1929-with 350,000 to 400,000 fewer cars than they had then.

All of which means that America has a railroad system to handle comes its way.

The real wonder of these freight The only problem of the railroads is lack of earnings-and the best cure for that is a fair chance to earn a living and meet other forms of transportation on equal

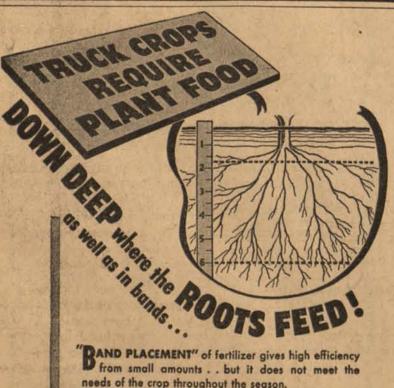


"SEE AMERICA" FOR \$90

Start from your home town now on a Grand Circle Tour of the United States-east coast, west coast, border to bordergo by one route, return by another-liberal stopovers-for \$90 railroad fare in coaches-\$135 in Pullmans (plus \$45 for one or two passengers in a lower berth). Get the full facts from your ticket agent about the greatest travel bargain in history!

Alssociation of

WASHINGTON, D. C.



ACT NOW!

Lime your sour fields now and more profits are

yours. Use your Soil Conservation Payments

to best advantage by using FRANCE AGSTONE

. . . A PROVEN PRODUCT

See Your Elevator Man or Farm Bureau

THE FRANCE STONE COMPANY

Monroe, Michigan

Producers of Agstone Meal, Pulverized Limestone,

Hi-Calcium Hydrate and Spraying Lime

needs of the crop throughout the season.

The crop, from mid-season on, needs plant food in the bottom of the furrow-slice, where the roots do most of their feeding in hot, dry weather.

In the absence of manure, you can provide that plant food most effectively by plowing down GRANULAR 'AERO' CYANAMID, or a mixed fertilizer, the nitrogen of which is derived from 'AERO' CYANAMID.

GRANULAR 'AERO' CYANAMID Feeds the Crops Evenly Throughout the Season WRITE FOR LEAFLET F-166

> AMERICAN CYANAMID COMPANY 30 ROCKEFELLER PLAZA

Farm Bureaus Offers These Signs



The above sign in colors, and upon metal, is a Farm Bureau advertising project sponsored by the Genesee, Lapeer, St. Clair, Sanilac, Huron, and Oakland County Farm Bureaus to promote the use of Michigan farm products. It is the outgrowth of several years of such promotion by the board of directors of the Genesee County Farm

The metal signs are made in two sizes. One is 28x44 inches and is intended for erection at a spot near the farm home where it will attract the attention of passing motorists. This sign sells for \$3, which is the cost to the County Farm Bureau on the basis of 100 signs. A smaller sign 22x33 inches for farm trucks, sells for \$2.50. The signs will last for years. Quite a number of them have been sold. The re-

ception to this form of advertising by farmers has been very favorable. Directors of the County Farm Bureaus mentioned will take orders for the signs and send them to President Wilbur Short of the Genesee County Farm Bureau. He lives at Swartz Creek, and superintends the production of the signs,

County Leaders Make Program Suggestions

73 Attend February 27 Meeting at Lansing

Seventy-three Farm Bureau leaders from 30 counties met at the State Farm Bureau February 27 to shape important of the Junior Farm Bureau. organization policies for the months ahead.

They adopted the content and form of a County and State Farm Bureau agreement as to finances and duties in the Farm Bureau, and instructed the State Farm Bureau to present the agreement to County Farm Bureau boards of direct- further progress. Stimulus should be ors for their consideration.

They adopted statements of policy regarding the Farm Bureau's legislative men set-up within the Community Farm Bureaus and elsewhere. They made a statement regarding the direction they thought Junior and Senior Farm Bureau relationships should take.

The county leaders were organized into committees whose recommendations were adopted with or without amendment by the entire group listed elsewhere on this page. Following are their recommendations on the Junior & Senior Farm Bureaus and the legislative minute men:

JUNIOR-SENIOR RELATIONSHIP

1. The Junior Farm Bureau is a will foster this policy. leadership training organization. It 2. The Junior Farm Bureau has a those experiences and relationships self in office. This is to pass the train-

of both Junior and Seniors to conduct such activities and relationships as

in both types of management, but

Stalks remaining in a field furnish

valuable winter cover for pheasants.

Some farmers leave a few rows of

unharvested corn or a corn shock

Other survey facts indicate hybrid

ble and thus greater protection.

Michigan experiment station reports

indicate wheat combining averages

about one bushel an acre in grain

loss. Soy beans, relished by the

birds, may show an acreage loss of

three to four bushels per acre. Rag-

weed, smartweed and foxtail seeds

are picked up by the birds when deep

benefit of the birds.

pathetic to the ideals and objectives to play in support of an increased for them,

3. The problem of Junior-Senior relationships is a part of the larger problem of relationships of all parts of the Farm Bureau activity in the county. Co-ordination and correlation n all parts of the Farm Bureau program in the counties is essential to given to having a definite understandng, training and appreciation of repective responsibilities to the end that the various Farm Bureau forces might be concentrated rather than dissinated. To that end we recommend that the County Farm Bureau Boards, Junior Farm Bureau leaders, community Farm Bureau leaders, and any other leaders of Farm Bureau activity in the county meet as a "County initiating this program rests with the members desire. County Farm Bureau Board.

ganizations. It is the responsibility creates a distress period while the To that end we feel that the facilities and the formulation of policies and Board should elect the County Chair. B. E. Shetenhelm William L. Haack

camp training. Loren Black P. L. Heussner Mark Westbrook J. H. Hubbard Maurice S. Myers George Cox Chas. P. Reed Howard Paquin Clair I. Brown Robert E. Smith L. Dean Steffey Maurice Glerman Waldo E. Phillips

LEGISLATIVE MINUTE-MEN

lative Activity. We believe that leg- reau members.

preciated services rendered by the all Community Farm Bureau Group Farm Bureau. Probably there is no Discussion Leaders should be regard-Council" and a clearing house for in- other phase of our program which is ed as Minute Men. Each Group should ormation on Farm Bureau activities responsible for so many farmers join- select any additional Minute Men in the respective communities. It is ing and continuing to be members of whom they wish to act in their group. further recommended that as far as the Farm Bureau. It is therefore im- It is expected taht the Minute Men possible mimeographed material and perative that we give increasing at will not only contact their lawmakers suggestions be prepared by the state tention to such developments in our themselves, but that they will inoffice and sent to those responsible organization as would strengthen our fluence as many other individuals as people in the county for carrying out influence and effectiveness in achiev cassible to do likewise. the project. The responsibility for ing such legislative results as the 5. County Farm Bureau Should Be

.Kalamazoo

.Onekama

Lake City McBain

Fremont

TRI CO.

.....Yale

Paw Paw ...Decatur Paw Paw .Paw Paw

new officers are becoming adjusted, are all too limited and urge an ex- programs. They also afford the mem- man of Minute Men who would then What Should Directors to that end we feel that a joint con- pansion of that program that more bers an opportunity to keep in touch proceed to choose the various individference of the Juniors and Seniors young people might be reached. It is both with the progress which the uals to serve their respective com- Do About Audits? may help to create a condition where- further recommended that every Farm Bureau's legislative program is munities where there is no Farm Buby this distress might be minimized County Farm Bureau, Community making at Lansing and at Washington reau Discussion Group and to see that board of directors of a farmers coand that an adult advisor to the Farm Bureau, Junior Farm Bureau and with the type of representation the Discussion Groups select their county, such advisor to be sym-tion with the Farm Bureau be brought whom they have elected to legislate ceding paragraph.

3. Minute Man Machine Might be 1940 Program. The session of the Improved. We feel that the present Michigan Legislature which will consetup of Farm Bureau Legislative vene in January 1941 will undoubtedly Minute Men has been productive of be of unusual importance and we bemuch good, but that it could still be lieve that the enlistment and preparagreatly improved by making it more tion of Minute Men should be made a active. We are not ready to recom- County Farm Bureau during 1940. mend any certain number of Minute Men as being ideal for any county. Your committee on the organization Possibly one Minute Man per town- there should be a complete net-work of Farm Bureau Legis'ative Minute ship would be a good average. The Men submits the following report as number and location of the Minute that they should be organized with a other type of audit is worth much to to its findings and recommendations: Men would naturally vary with the 1. Value of Farm Bureau's Legis- number and distribution of Farm Bu-

islative activity has been and still is 4. Relation of Minute Men and Disone of the most valuable and best ap- cussion Groups. We recommend that

Responsible. We would recommend 2. Discussion Groups an Ideal that the responsibility for setting up 4. We recognize that the so-called Forum. Community Farm Bureau Dis. the Minute Man organization in each seeks to have its membership explore rule that no officer can succeed him- leadership training camp is funda- cussion Groups provide an ideal forum county and keeping it functioning mental and necessary to building an for the discussion of legislative is properly should be vested in the Mrs. Ray Neikerk R. T. Stevens which will advance agricultural or ing on to new hands each year. This intelligent program and leadership, sues, the crystallization of sentiment County Farm Bureau Board. The Jesse E. Treiber N. J. Ransom

6. This Should Be Part of Our

7. Minute Men Should Be Prepared of Minute Men in each county and hold meetings from time to time to familiarize themselves with their company. duties and to discuss legislative prob-

8. This Program Will Have Far-Flung Benefits. We are convinced that other assets listed in the audit are if the recommendations contained herein are carried out the interest of deepened, the influence of the Farm of the board. Bureau in legislative matters will be greatly strengthened and as a result it will be possible to secure and hold a constantly enlarged number of loyal Farm Bureau members.

Claude R. Hoffman Mrs. Arthur Ballinger

Junior Farm Bureau be named in each and all the other resources in connec which they are receiving from those Minute Men as specified in the pre-

They have a lot of responsibility . for their own investment and the

In the opinion of the Michigan State College economics dep't the board should require of a public accountant that his audit shall be a extensive, more intensive and more major feature of the program of each signed statement that he has had verified by an actual check all of the inventories and other physical assets for Action. We strongly urge that full responsibility for verifying the accounts payable and receivable. No County Chairman and that they should a board of directors. It will be a true statement for the co-operative

It is also a good idea for a board of directors to verify by personal observation that the inventories and actually there to be seen. Such an inspection is no reflection upon the the members in the program of their management of the co-operative, but organization will be stimulated and rather the exercising of the duties

> Every production of genius must be the production of enthusiasm .-Isaac Disraeli.



Ass'ns sell Poultry and Stock feeds reinforced with VITAND Vitamin Supplement. These feeds should be better than the average quality because VITAND does not appeal to the mixer who seeks only the cheapest ingredients.

VITAND contains minimums of 3,000 USP units of vitamin A and 400 AOAC chick units of vitamin D, per gram. Ask for Poultry

BERRIEN BUREAU

ney cake.

Expect to Have Total of leaving a settlement would take with 800 After February Campaign

GAINS 211

MEMBERS

The Berrien County Farm Bureau closed its annual membership drive trucks are resplendent in their new Monday evening, February 26, with a coats of shining white soya paint from victory banquet at the Methodist the Farm Bureau. The Milk Produc Church in Berrien Springs for the ers Ass'n insignia against the white workers and their wives. The ladies background is an efficient advertise of the church served 125.

Between 100 and 125 volunteer workers turned in 211 new memberships and collected dues for another 192 members. This brings the total memberships in Berrien County to over 750. It is expected that when all reports are turned in the membership of the county will exceed 800.

Harry Nye of Scottdale gave the invocation. Russell File, president of the Berrien County Farm Bureau, acted as toastmaster.

Community singing was led by Burton Richards, of Berrien Center Eau Claire. Alex Gale of Sodus, chairman of the drive, told of the campaign and the way it had worked after which the workers present were introduced and many told of their experiences while calling on their neighbors to gain new members. These stories were very interesting and showed that there is a great deal of interest throughout the county in the Farm Bureau.

Rev. Floyd Barden of Sodus told of how he and a friend had signed 54 members in two days when the Farm Bureau first started 20 years ago.

Harry Lurkins said that while the Farm Bureau has done many fine things it is coming into an era when it can do much greater things.

George Shultz of Paw Paw Farm Bureau membership worker for southwestern Michigan, complimented the volunteer workers. Motion pictures of Michigan birds were shown. The pictures came from the Michigan Dep't of Conservation and were shown by Burton Richards through the county Farm Bureau's new moving picture projector.

The winning membership teams were: Milton Francis, Jr., and Kenneth Tappan, both of Three Oaks, with 26 new members signed.

Verne Warman and Alvian Kreitner, of Coloma were second with 18 new members signed. The first prize was \$6 and the second prize was

The sentiment in the meeting was that Farm Bureau membership in Berrien county is on the up grade, due to the many good deeds the Farm Bureau has done the farmers of Michigan in seeking to gain favorable legislation for the farmers of the State.

Do You Want To Increase Your Income?

The State Farm Mutual Automobile Insurance Company and the State Farm Life Insurance Co., both of Bloomington, Ill., have a number of good openings for ambitious and reliable men in most parts of Michigan. For further information, write

Alfred Bentall Director of Insurance Michigan State Farm Bureau 221 N. Cedar St., Lansing Mich.

Johnny Cake Eastern historians studying Pilgrim tradition recently found the origin of what is commonly called Johnny cake known also as corn meal cake. The Pilgrims ground corn into coarse meal, mixed the meal with water and baked cakes on a hot stone. Men

With Farm Bureau Paint The Michigan Milk Producers bis ment for good milk.

them what was known then as jour-

SERVING THE FEED INDUSTRY DRIED MILK For Poultry, Hog & Calf Feeds Quotations Made to Elevators By Wire or Mail DRY MILK SALES DIVISION

Lansing Jansing Michigan

Feeds containing VITAND. NAPTHOLE, INC. BOONTON, N. J.



FARMING

IS A BUSINESS

DUSINESS concerns are not found only within city limits. A farmer must be a business man in the fullest sense. He is the active operating head of his business . . . his own purchasing agent, production manager, salesman. The farming business is the most important in the world.

Helping the farmer in the successful operation of his business is the telephone. He uses it to order supplies and repairs quickly . . . to obtain extra help in busy seasons . . . to locate favorable markets for his produce . . . to consult the county agent and others.

And, when daily business calls are done, the telephone remains to guard his home and to serve the social life of his entire family.

MICHIGAN BELL TELEPHONE

Pheasants Depend On vesting by various methods has a bearing on game bird life. Machine Farming Practices picked corn, for instance shows a wastage of more than three bushels

Types of farming and methods of harvesting grain seem to control an acre, while careful hand harvesting farm pheasant populations almost as results in wasting less than two directly as game shooting regula- bushels an acre. Pheasants profit

Winter feed requirements of these thrive where more grain is left in birds as determined by studies in the field. Michigan and neighboring states are from 60 to 75 per cent waste grain. especially corn, and the remainder is made up from seeds of weeds usually occurring in fields of these adjacent to some heavy cover for the

"Areas in southern Michigan normally with large acreages of these corn has less wastage and thus less grain crops also support large number feed for the wild birds. Combining of pheasants, providing some thick various grains leaves a higher stubprotective covering is available nearby," said R. G. Hill, farm game extension specialist at Michigan State

The amounts of grain wasted by cropping different varieties and har-

Solvay Agricultural Limestone

Michigan Producers of PULVERIZED LIMESTONE LIMESTONE MEAL

Available At Your Nearest Dealer Solvay Sales Corporation 7501 W. Jefferson Ave.

DETROIT, MICH.

Food Variety Increases

snow covers waste grain.

Today and a half century ago show remarkable differences in the amounts of protective foods eaten by ne average American, sav home economists at Michigan State College Better food handling methods offer more variety year around in supplies of milk, tomatoes, citrus fruits, green leafy vegetables as well as canned ruits and vegetables and meats.

IF YOU ARE A CAREFUL DRIVER POLICYHOLDERS YERRLY you are Protected. IF YOUR CAR BURNS IF YOUR CAR IS STOLEN IF YOUR CAR IS DAMAGED IF YOU INJURE SOMEONE IF YOU DAMAGE PROPERTY IF YOU NEED ROAD SERVICE

Have you ever thought, "I have been driving for years and never have had a serious accident?" This type of thinking has lulled many suitable to the average man's safe and sane drivers into bankruptcy. The most careful driver can become involved in a lawsuit that will wipe out his lifetime savings in a twinkle of an eye unless he has GOOD INSURANCE PROTECTION.

State Farm's modern autoyou from the many unfore-seen hazards of driving an pocketbook

All claims settled promptly anywhere in the United States or Canada. Since organization State Farm has satisfactorily settled and paid more than 750,000



State Farm Mutual Auto Insurance Co.

Bloomington, Illinois

STATE FARM MUTUAL AUTO INS. CO., Mich. State Farm Bur. State Ag'y. 1 221 North Cedar St., Lansing, Michigan				
	NAMEI			
Please send information about auto insurance.	ADDRESS			

at the Lansing Meeting, Feb 27th Mark Westbrook, Jonia Co., Chairma

FARM BUREAU LEADERS

Mark Westbrook, Ionia Co., Chairman					
Wm. L. Haack, Livingston Co., Secretary					
	THE WALLEY STATE OF THE PARTY O				
ALLEGAN	KALAMAZO				
A. N. LarsenFennville	Clair I. Brown				
Howard PilquinSouth Haven Nelson J. RansomPullman	W. E. Wiley				
John VennkantAllegan	Ervin Haskill				
BARRY	Anthony Kreiner				
Claude R. Hoffman Dowling	LIVINGSTON				
Mrs. Claude HoffmanDowling	C. A. Burkhout				
John G. ZieglerBay City	William L. Hasek				
BERRIEN	A. C. Henry				
R. C. FileNiles	Robert E. Smith				
BRANCH	C. P. Reed				
Otis O. Barnes	MANISTEE				
L. Dean SteffeyColdwater	David Joseph				
CASS	Wesley S. Hawley				
Roy T. StevensMarcellus	Sam Hjortholm				
CALHOUN	MISSAUKEE				
A. M. EdmundsBattle Creek Mrs. A. M. EdmundsBattle Creek	Joe Hoekwater				
CLINTON	B. E. Shetenhelm Fred Vander Median				
King LeeLansing					
C. F. OpenlanderGrand Ledge	John A. Murphy				
CHARLEVOIX	NEWAYGO				
Clint BlanchardCharlevoix	Mrs. Sander Ensing				
Maurice S. MyersGrand Blanc	NORTH WEST MICH. &				
Wilbur S. Short Swartz Creek	ACT THE PARTY NAMED IN COLUMN TO A STREET				
GRAND TRAVERSE	O B COL				
James Harris Traverse City	O. R. Gale David E. Reed				
GRATIOT	OAKLAND				
Mrs. Arthur Ballinger, Breckenridge	J. S. Mitchell				
George H. Cox	SAGINAW				
John LouganbachSt. Louis	Henry Doerr				
Mrs. Ray NelkirkSt. Louis	Walter Harger				
HILLSDALE	Everett Young				
Ralph H. Bach	SHIAWASSEI				
HURON	J. H. Hubbard				
Mrs. Hal ConkeyCaseville	TUSCOLA				
INGHAM	Carl C. Smith				
W. R. CarvenMason	Jesse Trelber				
IONIA	Paul Heussner				
Maurice Gierman Portland	C. J. Reid.				
Chas, H. Mattisonlonia Stanley M. PowellIonia	VAN BUREN				
Mark R. WestbrookIonia	Jay L. Dodge				
ISABELLA	Waldo E. Phillips				
Loren Black	Geo, C. Schultz Mrs. Geo, C. Shultz				
M. S. GilmoreMt, Pleasant	WASHTENAY				
JACKSON	Cordon Cill				

Limit Boysenberry To Home Gardens

With mild enthusiasm members of the horticulture department staff at Michigan State College have been to freeze out the flock with excessive scanning the popularity and testing ventilation. the merits of a new fruit called the boysenberry, introduced in California in 1935 and since well distributed by

nurserymen. In a preliminary report, R. E. Loree lists qualities discovered in as well as observations on behavior in other sections of the state.

The boysenberry is said to be a the trailing vines.

cause the well ripened berry is rather space. soft and does not stand up under shipping conditions, says Professor sidewalls can be applied. Where the Loree. Because of its productiveness heat loss is not too severe, a straw and pleasing tart flavor, however, it does stand recommendation for the a layer of about two feet in thickness

Berries begin to ripen early in July air can hold more moisture. and continue ripening two to three When coops are free of frost but weeks. They are very large, dark seem to be too warm and moist, then purple in color and juicy. Sultability ventilation should be used, says Mr. for jellies and ples and a good berry Jefferson. This is a simple process, for freezing purposes are other quali- usually one of adjusting windows or

on a fertile, well drained loam soil. coop. In a home garden spacing can be six feet apart in a row and vines trained five feet high the second season. Old equal.—Thomas Jefferson. canes should be cut and burned after production and new shoots trained ing harvest. Growers seeking addi- at will.-Emerson. tional information on culture of this new berry can obtain more facts from Professor Loree.

Insulation Cuts Frost In Poultry Houses

Just because moisture condenses and frost forms on walls and ceilings of poultry coops is no reason to try

Research by agricultural engineers at Michigan State College indicates usually the need is for more insulation to raise the coop temperatures, Conditions often found in flock management prove that as moisture is tests at East Lansing and South Haven given off from feed supplies and from the birds in the coop the temperatures are so low that frost is formed.

Sometimes, says C. H. Jefferson, cross of the loganberry, raspberry and agricultural engineer in the Michiblackberry. Vigorous shoots extend gan agricultural extension service, 12 to 15 or 20 feet in a season on part of the heat loss can be prevented by covering part of the windows. The No heavy commercial acreage is usual need is for a foot of glass for expected to develop in Michigan be- each 15 to 20 square feet of floor

Commercial insulation on roof and loft serves as insulation but requires gardener who seeks enough fruit for to insulate. The result of raising the coop temperature is that the warmer

by using vent openings under the Plants are best set in early spring eaves at the front and back of the

We hold these truths to be selfto a trellis or other support four to evident-that all men are created

Eloquence a hundred times has the following spring for the succeed- turned the scale of war and peace

> He is elequent enough for whom truth speaks .-- Publious Syrus.

HOW WASHTENAW PUTS IT UP TO **FARMERS**

Letter to Membership Makes Anyone Sit Up and Take Notice

Dear Farm Bureau Member:

This year the Washtenaw county Farm Bureau meeting will be held at Dexter in the high school, Saturday. March 2nd at 11:00 o'clock. There will be something special for the members who have belonged since the beginning, so get them all there.

Washtenaw County Junior Farm Bu- several years? reau will take part in the program this year. We must have the young folks-show them you welcome their life than you yourself? help. Prof. J. Milton Hover of Ypsilanti will be the speaker.

Our annual drive is due the week of February 19th. Volunteer workers are bers. Help them! They are doing this because they believe co-operation will work-if we co-operate. About 350 farm families are members now in this county. SO TIE THE DOG, PUT AWAY THE SHOT-GUN, WE ARE COMING TO SEE YOU.

Are You Sitting Pretty? You know all the mistakes the Farm Gordon Gill, secretary. Bureau has made in the last 20 years, but do you know all the good it has done? Are farmers sitting pretty, living the fullest lives possible? Is it sensible to simply sit and wait for Santa Claus or should we stir ourselves as we usually have to in order to get what we want?

Do you know that the American Farm Bureau Federation supported the act that got three billion dollars worth of farm loans at 31/2 %?

Do you know that they had a large part in getting the Soil Conservation and Domestic Allotment Acts with the parity payments, surplus removal, crop insurance, etc? Farmers were the last large group to get government aid and now it is one of the first places suggested where the budget should be cut. Do farmers need to be represented in the making of laws? Do you know that many of our large

co-operatives would have been broken last year without the legislative help of the Farm Bureau?

Tax Services in Michigan You may say that is too far away to be interesting, but do you know that because some farmers supported the Farm Bureau during the deprespaign that got you sales tax exemp- the cabinet

tion on seeds, feeds, fertilizers and many farm supplies when used in agricultural production? That saves Michigan farmers about \$1,500,000

Do you know that the Farm Bureau worked for the road tax reduction by the gasoline and weight tax, saving Michigan farmers from the disastrous Covert Act?

Do you know that their work helped greatly in getting the rural high school pupils' tuition paid, bringing rural Michigan about \$2,000,000 for that purpose?

Yes,-Who Did? You may say that's too far away. Who pushed the farm truck license down? The Farm Bureau.

Who lowered the price of fertilizer about two to five dollars or more a ton this year after having kept it We are glad to announce that the down about another ten dollars for

> Who is more interested in letting your family have the good things of

How can you do it better than by oining the Farm Bureau members in this county?

Dig down in the old sock now-do collecting dues and seeking new mem- your bit to hold the ground we have gained and let's stand together until farmers are not denied the living they

We want to co-operate because it is often fail to co-operate!

We will be seeing you soon. Yours very truly,

Ypsilanti, R. 3.

Former Co. Agt. Starts Management Service

A service in the agricultural field which compares with property management and plant management is now available to city farmers.

Harold M. Vaughan, manager of Saline Valley Farms of Saline, Michigan, is also manager of a newly formed farm management service company which will operate in eastern Wool Exhibits from College, Michigan. Vaughan is a graduate of Michigan State college, a post graduate of the University of Chicago, teacher of agriculture for three years, county agricultural agent for nine years in Michigan, and has 20 years of close association with scientific and practical problems of agriculture in eastern Michigan.

The service Vaughan is offering is to assist city folks who own farms and want relief from the worry of farm operation.

Only President Franklin Pierce com- James M. Coon of the Livestock and ing Committee of 21, which organized sion it was able to carry on a cam- pleted his term without a change in

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.

BABY CHICKS

ORDER FAMOUS SILVER WARD ORDER FAMOUS SILVER to chicks now. Big, husky chicks that have high livability, excellent productive ability, and are sure to satisfy. White Legs berry plants, and asparagus roots propasitive, and are sure to satisfy. White Jersey White Persey White Persey Giants, Legorcas, Leg-Rocks, Mammoth Bronze Turkeys, White Persey Guick, dependable results. Send for cut discount on early booked orders. C. D. shipment if desired. Send for catalogs and prices at once. Silver Ward Hatchery, Box 100, Zeeland, Mich. C. 31-74b)

BIG HUSKY CHICKS—MICHIGAN—IV. S. Approved. White Legshorn Chicks, 100% blood tested for Pullorum disease, and R. I. Reds. Pullets and sexed chicks and R. I. Reds. Pullets and sexed chicks and R. I. Reds. Pullets and sexed chicks and R. I. Reds. Pullets and sexed chicks. The provided that the production to give ton, and the Farm Credit Administration at Washington.

Wool Marketing Corporation of Boston, and the Farm Credit Administration at Washington.

Maryin H. Hitchcox of Athens, Maryin H. Hitchcox of Athens, the new field man for the Michigan Ass'n, will be at the meeting. Mr. Hitchcox comes to the Ass'n with a long and successful experience in the co-operative marketing of wool. He came to the Ass'n from Michigan State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been shepherd of the college flocks since Ass'n with sheep and with experience in State College where he had been sheph

U. S. Approved. White Leghorn Chicks, 190% blood tested for Pullorum disease, Large type stock for larger profits. R. O. P. males. Barred and White Rocks and R. I. Reds. Pullets and sexed chicks if desired. Send for descriptive price list. Winstrom Hatchery, Zeeland, Box B-7, Michigan. (3-4t-47b)

JANSSEN'S "NEW STRAIN" CHICKS JANSSEN'S "NEW STRAIN" CHICKS lay more big eggs, live longer. They raise easier and develop into large bodded, profitable pullets. On December 5, Art Schleffer reported, "Less than 3% flock mortality and 78.3% production." Plenty eggs! Big eggs! Low mortality! All stock 100% U.S. approved and B.W.D. tested. R.O.P. Bred. Sexed Pullets 95% guarantee. Don't wait! Write for free folder and prices, "Golden Seal" Improved Leghorns, Barred Rocks, White Rocks, or Rhode Island Red chicks for larger cash profits. Member State Farm Bureau. Janssen's Rural Poultry Farm, Box 10, Zeeland, Michi-State Farm Bureau, Janssen's Rura Poultry Farm, Box 10, Zeeland, Michi-(3-2t-91-p)

CHICKS! CHICKS! READY NOW. pullets, both breeds, R. O. P. breeder.
Write or visit LOWDEN FARMS, P. O.
Rives Junction, Michigan. Location, a sample of the water Give kine of few Henrietta. (Farm Bureau member). (3-tf-36b)

POULTRY SUPPLIES

POULTRY LITTER - SERVALL

PHOTO FINISHING

AT LAST! ALL YOUR SNAPSHOTS natural colors! Roll developed, 8 natural color prints, only 25 cents. Reprints 3 cents. Amazingly beautiful Natural Color Photo, Janesville, Wisconsin. (3-tf-25b)

MAPLE SYRUP EQUIPMENT

ALL MAPLE SYRUP MAKING AND marketing supplies, including "Old Reliable" Felt Filter Bag for cleansing. Three color labels, thermometers, hydrometers, buckets, flat bottom pans, tin and glass containers, "King EVAPORATORS," sap storage tanks, sugaring off rigs, sugar moulds, etc. For catalog and prices, write Sugar Bush Supply Company, Display room and office, 217 N. Cedar St., Lansing, Mich. (next door to Stafe Farm Bureau) (1-tf-57b)

FOR SALE-MISCELLANEOUS

MICHIGAN SEPTIC TANK SIPHON MARRIED MAN WANTS GENERAL MICHIGAN SEPTIC TANK SIPHON and bell as recommended by State College Agr'l Engineering dep't. 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 instructions with each siphon. Price, delivered, \$7.50 which includes sales tax, C. O. D. charges are extra. Farm Bureau Supply Store, 728 E. Shiawassee St., Lansing.

MARRIED MAN WANTS GENERAL farm work. One child. Don Mocher man, 404 Fenton St., Lansing, Phone (3-1t)

MARRIED MAN WANTS WORK, GENeral farm. Experienced. References. Robert Withey, 115 North Logan, Lansing. (3-1t)

WOUNG SINGLE MAN WANTS FARM work. Experienced help. Gus Mesick, 113 No. Logan, Lansing. (3-1t)

TREES & PLANTS

FOR BETTER AND MORE PROFITable Orchards and berry fields of tomor-row, plant Bountiful strain fruit trees, Wool Marketing Corporation of Bos-inal markets.

CERTIFIED, FROST-PROOF CAB-base and onlon plants. Cabbage, all varieties, Parcel post prepaid, 200, 65 cents; 500, \$1.00; 1,000, \$1.75. Express collect, 2,500, \$2.00. Onion, all varieties, parcel post prepaid, 500, 60 cents; 1,000, \$2.00. Prompt shipment, safe arrival, satisfaction guaranteed. Catalog free. Union Plant Company. Texarkana, Arkansas.

(2-4t-50-ba)

August 1938. He took over from Monte Thornton a nationally recognized authority on the handling of sheep. Mr. Hitchcox saw his entries for the college at the international and other live stock shows do very well.

Twelve years ago Mr. Hitchcox

August 1938. He took over from many taxes and regulations, including income tax exemptions in 1926 which have saved cooperatives more than \$1,000,000 annually.

Slattery.

Bellow, FROST-PROOF CAB-base and only taxes and regulations, including income tax exemptions in 1926 which have saved cooperatives more than \$1,000,000 annually.

He also reported that the cost of Division of Co-operative Marketing per cent of all farms electrified; New Monte Thornton a nationally recognized authority on the handling of sheep. Mr. Hitchcox saw his entries for the college at the international and other live stock shows do very well.

Twelve years ago Mr. Hitchcox

LIVE STOCK

REGISTERED HAMPSHIRE GILTS (3-2t-9p) member of a 111 storage (3-2t-9p) that placed third at the International.

REGISTERED GUERNSEY B Calves, Hooks Acres, Brighton, Mi BULL Two years ago he served as an (3-2t-8p)

WATER FILTER

HARD WATER TROUBLE? SEND US a sample of the water. Give size of family. We give you a free estimate on equipment needed to get rid of the trouble. Co-op Water Softener with new type of mineral, all in one tank, softens water softer than rain water. Removes iron, objectional taste, odor and color now present in water. Saves its cost in one year. Semi-automatic. Requires only three minutes attention to regenerate. Priced from \$\$0 to \$150. See your Farm Bureau dealer, or write Farm Bureau Services, Electrical Dep't, 728 E. Shiawassee St., Lansing, Mich. (9-2-83b)

Membership Campaign

ELECTRIC LIGHT PLANT

FOR SALE OR TRADE-32 VOLT DELo Light Plant, automatic with battery, n excellent condition. Henry Fischer, lothbury, Michigan. (3-1t-15p)

BEEKEEPER'S SUPPLIES

BEE HIVES, SECTIONS, COMB foundations, etc. Outfits for beginners. Send for catalog. GRAFTING WAX for orchardists. Both hand and brush wax. BERRY BASKETS AND CRATES. MAPLE SYRUP CANS. Send for prices. M. H. Hunt & Son, 511 N. Cedar St., Lansing, Michigan. (1-3t-42b)

FARM HELP

MARRIED MAN WANTS TO RENT furnished farm on third, or year round work on good farm. Good references Welvin Wade, St. Johns, R-1, Mich Phone 399 Green. (2-1t)

YOUNG MARRIED MAN WANTS steady work on farm. Experienced. Afred Jones, 14431/2 Knollwood Ave.

Man Made Michigan Rain Proves Feasible



department laboratory at Michigan these have been modernized. right. Co-operation never fails-WE State College during Farmers' Week recently.

Washtenaw County Farm Bureau

WOOL MARKETING

ASS'N ANNUAL AT

LANSING, MARCH 6

Washington and Boston;

Good Speakers

The Michigan Co-operative Wool

Marketing Ass'n announces its an-

nual meeting, to be held at the Farm

Animal Husbandry Department. All of 25.

was very successful with sheep in

assembler for the wool marketing

ass'n, leaving that post to take up

Mr. Hitchcox is now visiting wool

Membership Campaign

Fifty members of the Cass County

Farm Bureau started a volunteer

membership campaign Tuesday, Feb.

27 to increase the membership of the

organization. Roy Stevens of Mar-

cellus is chairman of the membership

teams. The workers will meet Tues-

day evening, March 5 at the Volinia

township hall for potluck supper and

to conclude their campaign with a

Southwestern Michigan County

Farm Bureaus are starting 1940 with

very successful membership cam-

paign, Mr. Stevens said. He report-

ed that the Berrien County Farm

Bureau members in a volunteer effort

last week added 211 new members.

Their total is about 750 Farm Bureau members in the county. Van

Buren County Farm Bureau added

150 members during the same week.

Lawrence township, Van Buren county, now has 100 Farm Bureau members. The Cass County Farm Bureau membership believes it can do equally well, Mr. Stevens said.

The meadow lark has no bad habits,

victory program.

his work with the college.

exhibits of wool and the industrial ing associations.

good wool in their community.

ing wool and sheep matters.

cordially invited to attend, and to Farmers Live Stock Marketing Com-

The principal speakers will be sociation; the Farmers Fruit Market-

Wool section of the Farm Credit Ad. the Federated Fruit and Vegetable

Twelve years ago Mr. Hitchcox in the Department of Agriculture.

Tricks with water amused and per | He admits he has borrowed some all parts of a square field. Cams plexed thousands who strolled of his ideas from those of foreign push harder on the accelerator for dry before it goes into the silo. One through the agricultural engineering countries, and portions from trivances useful centuries ago. But field. countries, and portions from con- getting water into the corners of a load ahead of the silo filler is enough

subjects as irrigation and drainage. Another permits accurate watering of total of materials \$10 to \$12.

History

AMERICAN FARM BUREAU

FEDERATION

1919 - 1940

IMPROVED MARKETING

National Livestock Producers As-

One is further development of his together a water elevator. Eighteen, into a windrow. Keep someone in giant "water gun." This is a circula- inch sections of two-by-four on edge the sile to spread and tramp. ting nozzle mounted on an automobile are fastened to chains. Running at Yet two of those tricks likely will chassis and delivering 250 gallons of an angle, these sections draw up filling a small silo. Settling and resee extensive development in crop water a minute. From one setting water one foot for every four feet filling is an aid to a better product. production within the state in the water a minute. From one setting water one root for every rour few roots three acres. Most recent attachment a minute out of a ditch for irrigation, tive such as molasses is needed-us Ideas are those of O. E. Robey, is one that permits oscillating, or or out of a field into a ditch for ing about 40 pounds to a ton of green authority in the department on such swinging the stream back and forth. drainage. The chains cost \$8 or \$9, material. The filler should be set to

> sociations to become members. Agricultural Marketing Act

Commodity Exchange Act, providing the hayfield, are reasons the grass further regulation of commodity ex-silage idea is taking hold in Mich 1-In 1920 and 1921, established changes to improve marketing. commodity committees to develop

street, Lansing, Wednesday, March Committee of 17, which organized products. 6, starting at 10 a. m. Members are the U. S. Grain Growers, Inc.; the

Uniform Co-operative Laws bring with them other growers of mittee of 15, which organized the to supplement federal legislation.

ministration, Washington, D. C., and Growers, Inc.; the Farmers Dairy Professors C. L. Cole and E. L. Marketing Committee of 11; and the Benton of the Michigan State College Farmers Wool Marketing Committee erous dairy, poultry, egg, potato, to- 1937; and similar legislation. The ass'n has secured extensive bacco and other co-operative market-

16-Has helped to secure adequate appropriations for market news serutilization of wool for the meeting. 3-In 1921, secured passage of vices of Department of Agriculture to The exhibits will be furnished by the Packers and Stockyards Control Bill collect and distribute market inform-

with a national average of \$815. 9-In 1927, secured passage of Michigan is one of ten states where

national policy.

of Banks for Co-operatives and Inter- making runs into adverse curing mediate Credit Banks to provide ade- weather, and ability to make feed quate credit for farm co-operatives. instead of watching a fine cutting

13-In 1937, secured passage of co-operative marketing programs, in Marketing Agreements Act to provide What the Markets Bureau building, 221 No. Cedar cluding the Farmers Grain Marketing orderly marketing of surplus farm

> 14-Has provided organization and marketing associations during last Ionia county, Dec. 12, 1895; twenty years and has prepared and Wheat, white secured passage of uniform co-oper Wheat, red ... ative marketing laws in many states Corn

15-Has helped to secure legisla- Rye tion to improve marketing, includ- Beans ing laws establishing standard con- Potatoes tainers for fruits and vegetables and Butter . three of these men are very well in- 2-In 1921, set up a Department of licensing of fruit and vegetable dealformed and will bring the latest and Co-operative Marketing which assisters; the Tobacco Grading Act of most dependable information regarded in organizing and developing num-

Michigan State College, the National to insure fair trade practices on term- ation.

August 1938. He took over from operatives from many taxes and regu- per cent of all farms electrified; New

4H club work. In 1928 he was a Board of Trade Bill requiring Boards the per mile cost was in excess of member of a 4-H stock judging team of Trade to permit co-operative as- \$1,000.

LIST POINTS FOR MAKING GOOD **GRASS ENSILAGE**

It: Avoids Weather Damage to Crop

F. Huffman in dairy husbandry at ing and adding salt. Michigan State college have been searching for foolproof methods of making silage from grass and from alfalfa. They've discovered some of the things to do and not to, but admit there still is much to learn. But farmers are impatient. So for those who will attempt the process

the summer of 1940, here are some of the doctors' orders: 1. Alfalfa, or alfalfa and grass, or just plain grass cut for silage can be too wet if it is not mature. Cut when you would for hay in full bloom

2. Don't cut too much at a time for this same cutting may become too to cut at a time. If the loader is A two-day bit of engineering put efficient the swath need not be raked

3. Do not hurry the job even in cut short lengths from a half to a quarter inch. The last load put into the silo should be fairly green and especially well packed down.

10-In 1929, supported passage of Will the process become popular? Agricultural Marketing Act which Dexter and Huffman believe it will. established co-operative marketing as Improved quality of the product over hay especially in view of losses of 11-Helped to secure establishment 40 per cent in nutrients when hay-12-In 1936, secured passage of practically ruined by rainstorms on igan.

Were 45 Years Ago

Below are the markets for Michigan farm products as published by legal advice to numerous co-operative the Saranac Advertiser of Saranac, 60c 250

.15c to 20c 10c to 14c

December, January and February are the hot months in Rio de Janiero.

COWS RELISH CULL BEANS Cull beans can be worth \$1.50 a hundred pounds as livestock feed when cottonseed meal is worth \$1.70 a huudred for 43 percent protein, says C. F Huffman, associate professor in dairy husbandry at Michigan State College, Experiments at the college indicate that at least one-fourth of ground raw Idea Has Much to Recommend cult beans can be used in the grain mixture without affecting the palatability of the feed. Some dairymen in the Thumb District feed their cows greater amounts of the cull beans, S. T. Dexter in farm crops and C. making them more palatable by cook



The CYCLONE MFG. CO., URBANA, IND.



troughs, milk cooling tenks.

Remember, concrete is firesafe, termite proof, easy to work with, low in first cost, needs no upkeep, endures for generations.

You can do your own concreting—or hire a local concrete contractor. Write us for your free copy of "Permanent Farm Construction."

PORTLAND CEMENT ASSOCIATION W3-4 Olds Tower Bldg., Lansing, Mich. Name. St. or R.R. No.

LIVE STOCK PRODUCERS

Michigan Live Stock Exchange has operated a successful live stock commission selling agency on the Detroit and Buffalo markets since 1922.

BECAUSE

It maintains a thoroughly trained and experienced personnel.
 It is represented on every principal market in the United States by
 Producer owned and operated agencies.
 It renders better information and market service to its members.
 It can furnish 4½% money for financing feeding operations.

PLUS

All the regular features of good practice in the live stock commission

REMEMBER

When you patronize the Michigan Live Stock Exchange you are building your own live stock marketing agency. Reports furnished Michigan State College Radio Station WKAR for early markets at 6:45 a, m.

MICHIGAN LIVESTOCK EXCHANGE Secretary's Office Hudson, Michigan Frank Oberst, President; J. H. O'Mealey, Secretary & Treasurer; George J. Boutell, Manager

SHIP YOUR STOCK TO US AT Michigan Livestock Exch. Detroit Stockyards

Producers Co-op Ass'n East Buffalo, N. Y.



· · the countless problems of sanitation and the drudgery of wash day labors, housekeeping and many barnyard tasks WHEN you have the convenience of

... RUNNING WATER

With plenty of running water . . enough for your needs of tomorrow as well as your immediate needs . . crop, livestock, and poultry yields can be greatly increased and improved in quality. Fire menace is no longer a worry.

With a modern electric water system you can have running water, under good pressure, everywhere at surprisingly low cost. Think of its helpfulness in the barn, kitchen, bathroom, and in improving the family health.

REMEMBER

For complete information, booklets, facts and operating costs of any electrical farm equipment, call Consumers Power Company and ask for the rural service engineer. His services are available without charge to our customer. CALL TODAY . . . He is anxious to serve you.

IT PAYS TO USE IT FREELY

- CONSUMERS POWER COMPANY

LOSER GETS A LIVE GOAT TO

State Farm Mutual Agents Hold Their Annual Convention

It's simply amazing said A. L. Kirkpatrick in a February issue of the Chicago Journal of Commerce how the three companies comprising the State Farm Insurance Companies of Bloomington, III.. stage their agents' convention each year down at the Stevens hotel

There is no other affair like it anywhere in the insurance business. In size it compares with an annual meeting of the National Association of Insurance Agents or of the National Association of Life Underwriters. For noise and glamor it has something of the appearance of an American Legion convention. For enthusiasm, it almost resembles an old fashfoned revival meeting.

Take World's Largest Hotel At the general sessions of the convention they pack the grand ballroom of the Stevens to the doors. On an enormous platform sit more than 150 of the companies' leading salesmen for the year, the "high toppers" decked out in silk hats and others wearing a carnival style headgear to indicate their home state.

tures a brass band, a drum and bugle corps and a one-man bagpipe band. Two parades are interpersed among the speeches of the morning, each headed by a musical unit. The plan follows an alternate fun-session and serious business talk. First, Vice President Tompkins opens the meeting with a serious but friendly welcome and present Vice President Fuller, who is to preside. That is the signal for a song and much noise. It's Your Goat

The states of Minnesota and Virginia run an annual sales contest. The loser is presented each year, not with a little brown jug, but with a live goat to feed and care for. Last year, Minnesota drew the goat but this year the state led the entire company. So Monday morning, the Minnesota delegation carried in the goat in a big wire cage and presented it to their Virginia competian accretion during the year of a

Farmers Built It

Maybe the foregoing falls far short ly are questioning their ability to and make a good profit, 125%. continue to house a single national meeting in one hotel. But even more amazing than any convention is the ing 60c per bushel for corn. Ear corn by G. J. Mecherle, now chairman of your corn for 81/2c per pound. the board, and then a wealthy downtever in the insurance business. Today his automobile company has some 525,000 policyholders. more than any company in the bus-

iness. In volume of automobile pre- make a profit of 75%. miums it ranks second only to the Lumbermen's Mutual, and even there, Executive Vice President Rust told his agents that if they compared their non-participating premiums with the Lumbermen's Mutual's net premiums after dividends (which he said would be a more proper comparison), it would put the State Farm's volume ahead. Between the automobile, fire and life companies, the group has some 650,000 and is now driving for "a million or more

Michigan a Leader The Michigan State Farm Bureau insurance dep't looms large in the State Farm Companies' picture. The Michigan Farm Bureau is state agent for the three companies. It directs the work of some 350 Michigan agents who have 50,000 automobiles and trucks insured in this state. They have in force some \$8,000,000 of State Farm Life insurance, mostly with all soy bean oil meal. You must use a farm families. They have a good good portion of home grown grains volume of State Farm Fire insurance with these concentrates to give your in force. It is limited to town and ration a certain amount of balance. city property.

agents to the convention. Their should buy concentrates now-to production earned them the right to make your home grown grains last go. At the convention district and longer. local agents from Michigan were plentiful among the national prize winners for making insurance production records in 1939. Alfred Bentall director of insurance for the Mich igan State Farm Bureau, headed the delegation.

CREDITS ON PURCHASES Help Pay Farm Bureau Dues!

NOTICE TO MEMBERS: Purchases of Farm Bureau Brand dairy and poultry feeds, seeds, fertilizers, fence, binder twine, olls and gasoline, farm machinery, sprays and insecticides, harness, paint, tractors, roofing and electrical appliances from Farm Bureau dealers are eligible to membership credits when declared.

MAIL YOUR DEALER SALES SLIPS to the Michigan State Farm Bureau, Membership Dep't, 221 North Cedar Street, Lansing, about every three months.

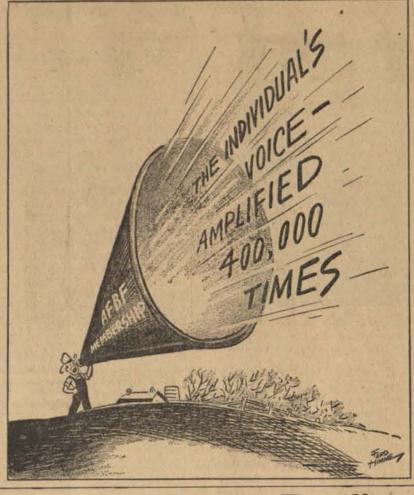
BE SURE Farm Bureau brand roods are entered on silp as "Farm bureau Alfalfa", "Milkmaker," "Mer-nash", etc.

\$10 annual dues mature life mem-berships: \$5 annual dues do not, but participate in Membership Credits, hich reduce the amount of dues pay-

Life members receive their Mem-bership Credits in cash once a year. MICHIGAN STATE FARM BUREAU

Lansing, Michigan

A Voice Heard Through the Land



The first morning's session feat Figuring Extra Profits From Home Grains

Corn, Wheat and Oats Can be Managed to Double the Available Protein

By M. L. TWING
Mgr., White Cloud Co-op Ass'n Many feeders believe that if they feed all their own home grown grains they are getting by at the lowest possible cost and are producing butterfat at the lowest possible price per pound.

Oats Compared to Soybean Meal For instance-Today (Feb. 5) we are PAYING 43c per bushel for oats. Oats contain about 12% of crude protein. Therefore you can sell the protors. Not only that, but there was tein in your oats for 11c per pound. We are SELLING soy bean oil meal for \$1.85 per hundred pounds. Soy bean oil meal contains 41% of crude protein. Therefore we are of conveying the picture of these selling you a pound of protein for average feeder. annual conventions which now have about 41/2c. You can sell some of grown so large that officials serious- your oats and buy soy bean oil meal

Corn Compared to Cottonseed Again-Today (Feb. 5) we are pay-

record of the companies. The parent contains about 81/2% of crude protein. company started only 18 years ago Therefore you can sell the protein in 9.5% fibre, We are selling cottonseed meal

state retired farmer without any ex- for \$2.05 per hundred. Cottonseed neal contains 41% of crude protein Therefore we are selling you a pound of protein for 5c. You can sell some of your corn and buy cottonseed and

Wheat and Millmaker 34% Again-Today (Feb. 5) wheat is 4.1% fat and 9.3% fibre. Therefore you can sell the protein in in any of the above mixtures. your wheat for 14c per pound.

We are selling 34% Milkmaker for A New Movement in \$2.35 per hundred. The protein in pound. You can sell some of your (Continued from Page 1) wheat and buy Milkmaker 34% and patronage dividend system at \$10 a make a profit of 100%.

Are you doing these things or had We are glad to call them to your attention. We are here to serve you and nowhere can you buy feeds that will give more dollar for dollar value than we are able to offer.

Concentrate Makes Home Grains

Pay Better, Last Longer Of course you cannot feed all Milkmaker 34% or all cottonseed meal or Especially if you are going to run Michigan sent a large delegation of short of home grown grains you

We are having printed and enclose herein some suggested formulas. One of them we are sure will fit your situation. If you do not find a formula here that fits your needs, we can help you select one and will be glad to do so if you will ask us.

15% Dairy Ration Formula No. 1 100 lbs. Milkmaker 34%

200 lbs, ground corn and cob meal 200 lbs. ground oats

The above will give you a ration of about 15% protein, 4% fat and about 9% fibre. Fed with good al-Nothing is farther from the truth. falfa hay and ensilage this makes a very satisfactory ration.

Formula No. 2 161/2% Protein Dairy Ration 100 lbs. Soy bean oil meal

200 lbs. ground corn and cob meal 200 lbs. ground oats

The above ration will contain about 161/2% protein, 4.2% fat and 8.9% fibre. A good economical ration that is not too high in protein for the

161/2% Protein Dairy Ration 100 lbs. Cottonseed meal

200 lbs. ground corn and cob meal 200 lbs. ground oats This ration will provide about

161/2% protein, about 5.1% fat and

15% Protein Dairy Ration Where a limited amount of home grown grain is available we recom mend:

100 lbs. Milkmaker 24% 100 lbs. corn and cob meal

100 lbs. ground oats This provides about 15% protein,

worth nearly \$1.00 per bushel. Wheat Rye, barley or wheat may be used contains about 12% of crude protein. in place of part of the corn or oats

Milkmaker 34% costs you 7c per Michigan Farm Co-ops

share?"

The answer to this question, said you not stopped to figure them out? the speakers, is a form of re-organization which continues the present stockholders in the company without any loss to their property right, but makes it possible for patrons to become stockholders in the new company, with benefits to both old and new stockholders and to the business.

Speakers at the co-operative clinics were: A. B. Love of the Michigan State College Economics department; B. A. Rainey of the Farm Bureau Services, Inc., and J. F. Yaeger of the Michigan State Farm Bureau.

Love your enemies, for they tell you your faults.-Benjamin Franklin.

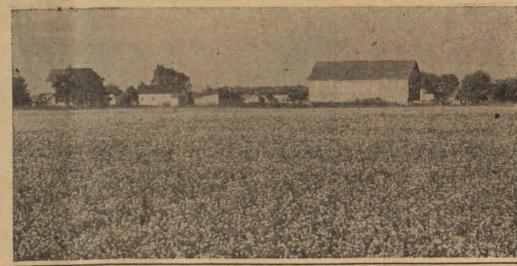
It is the heart which makes men eloquent.-Quintilian.

Bureau Member is Potato King



J. D. Robinson, left of Pellston, potatoes per acre from a five acre Emmett county, and a charter mem- field. He is shown receiving the ber of the Farm Bureau, is Michigan's annual award from H. C. Moore, potato king for 1939. He made an all potato specialist at Michigan State time production record for Michigan college. The presentation was an with an average of 615 bushels of event of Farmers' Week.

GOOD YIELDS come from



FARM BUREAU'S MICHIGAN CLOVER FOR BEAUTIFUL STANDS

CLOVERS

Farm Bureau has plenty of A-1 Michigan grown June, Alsike and Mammoth clover seed. All pure, high germinating seed, and the very best for Michigan farms.

hybrid 561 for ensilage.

Timothy

Field Peas

Husking & Ensilage Corn

Speak to your Farm Bureau dealer now for Farm Bur-

eau seed corn. The best seed corn is a low cost in-

vestment per acre and pays big. HUSKING CORNS-

We offer certified M. A. C., Polar Dent, Duncan, Golden

Glow, Picketts, Ferden's Yellow Dent. ENSILAGE

CORN-We offer corn of the best varieties for the sev-

eral corn growing zones in Michigan. Also, Michigan

Soy Beans

Buckwheat

ALFALFAS

We have certified Hardigan and Grimm, Michigan Grimm (uncertified) Michigan Variegated, Montana Grimm, Montana and Kansas common. These old reliables have done well in Michigan for more than 16 years.

line of field seeds.

GOOD

SEEDS!

Farm Bureau alfalfa and

clover seeds are Michigan

adapted, select, high germ-

inating and high purity

seeds. They have no super-

ior for hay or seed produc-

tion. We offer a complete

OATS & BARLEY We recommend certified Worthy Oats for heavy soils. Great yields. Resist lodging. Certified Wolverine oats for lighter soils. We recommend Spartan and Wisconsin No. 38 barleys.

Hybrid Seed Corn Order These Adapted Hybrid Corns

While Stocks Last

Variety		Corn Zone		
MIC	HIGAN	1218	***********	3
MIC	HIGAN	561	*********	1
WIS	CONSI	V-Mic	h. Gro	wn
No.	645			1
No.	606		***********	2
No.	525	*******		3
No.	531			3
No.	355		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5
			OCCUPATION TO SECURE	

Pea Beans Sunflower

MINNESOTA-Mich. Grown KINGCROST (pure yel. corn) 4 & 5

OHIO-certified Atlas Sorgo

If you must cut your corn acreage, you can sow Atlas Sorgo for ensilage. Seed is certified.

\$2 to \$5 Per Ton Savings BUREAU

Rape

Vetch

See your Farm Bureau fertilizer dealer and get his prices for Spring 1940. Let him show you what the Farm Bureau is saving you now on fertilizer.

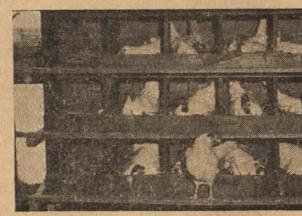
MERMASH RAISES GOOD CHICKS



RAISES MORE CHICKS!



Start chicks on Mermash. Continue it as mash for pullets and broilers. It is the best laying mash for the producing hen.



MAKES HENS PAY!

For MORE EGGS and MORE MILK

Balance Home Grains with these Concentrates

Farm Bureau

Poultry Supplement 32% Protein

LBS. OF FARM BUREAU POULTRY Supplement 32% protein (or Mermaid Balancer 32%) with 300 lbs. of farm grains will make one of the best 16% poultry mashes. Use 100 lbs. corn, 100 lbs. barley (or corn), 50 lbs. wheat,



So light in draft, you can pull it by one hand with beaters in action. Automotive type wheel swing for making sharp turns. Passes through narrow doors. Top of box only 3 feet from ground. Less work to load. Plenty of clearance. Fits under carrier. Shreds and pulverizes manure thoroughly. 60 bus. capacity. Wide, even spread. Broad tread. See this time-and-labor-saving spreader today at your Co-op store.

We Offer A Complete Line of

Farm Bureau MILKMAKER

34% Protein

LBS. OF MILKMAKER 34% PRO-TEIN, or Mermaid Milkmaker 32%, mixed with 300 lbs. of any mixture of farm grains will make 400 lbs. of an excellent 16% dairy ration. Feed with alfalfa hay. With clover hay use 200 lbs. of farm grains to 100 of concentrate.

TRACTOR GANG

Extra high clearance for extra deep plowing and easy transportation. Power lift from land wheel instead of furrow wheel to keep clutch free from trash. Two lift adjustments. Rear wheel takes landside pressure, reduces draft, prevents wear on landside and saves fuel. Extra clearance between bottoms. Two and 3-furrow sizes. Automatic spring-release coupling hitch. Shares for every type of soil at your Co-opstore.

Discs Drags Rakes

Plows Cultivators Mowers

Planters Drills Wagons

Farm Bureau Brand Supplies at 300 Farmers Elevators FARM BUREAU SERVICES, Lansing, Michigan