

Vol. XV, No. 3

**Behind** 

Wheel

the

SATURDAY, MARCH 6, 1937

# Activities of Farm Co-operatives Shown at State College

with J. F. Yaeger, Organization Director

#### Activities

Recently I have had occasion to ask over 500 farm leaders whether they thought a Farm Bureau membership could be maintained without some local activity. Almost unanimously they said that it could not.

Last month in my travels about the State I had occasion to be present at two functions, outstanding examples of the type of local activities that are building and maintaining a strong Farm Bureau membership. One was a "family night" staged by the Barry County Farm Bureau at Hastings, the other a meeting of the Paw Paw Community Farm Bureau.

The Barry County "family night" is



held once each year and is aimed at bringing entire Farm Bureau families, parenis and children alike, together for an evening of entertainment and just a bit of serious thought. It was my pleasure to make a few remarks at the func-

J.F. YAEGER tion but most of the program was made up of local talent. There was a fine potluck supper to start with. This was followed by entertainment which included some excellent instrumental and tap-dancing numbers. The Junior Farm Bureau led the 200 or more people in games. Dancing concluded the evening.

The Paw Paw meeting is held once each month and the group is made up of Farm Bureau families. Following the potluck supper, a really grand affair, and roll call, those present enjoyed a few mental contests and then spent the larger portion of the evening discussing the Farm Bureau program, past and present.

One of their number, not the chairman, took charge of the discussion and after outlining the topic, called on various among those present for their opinions. Soon all, whether called on or not, took their part and a lively hour of exchange of opinions followed. Many points were clarified, opinions freely given and questions answered All was done in a spirit of friendliness. There was disagreement of opinion but without temper. Promptly at 10:30 o'clock the chairman called a halt and the group dispersed. Late hours are tabooed. The meetings are short, interesting, include varied items, both entertaining and educational, and are well conducted. The 40 folks present are as enthusiastic a Farm Bureau group as I've seen anywhere. Similar local Farm Bureau activities, so necessary to maintaining interest, are going on throughout Michigan. The lack of a participating, informed membership too often has been the cause of co-operative failure.



# LIVE STOCK MEN **LEARNING HOW TO**

**Pictures Reveal Scale of Farmer Owned Enterprises**  **CO-OPS ASK FARM** BUREAU AID ON

# FARM ELECTRIFICATION BILLS COME **BEFORE LEGISLATURE; SOLONS MAKE WAY ON OTHER FARM PROPOSALS**

Mortgage and Land Contract Moratorium Bills Become Law; Farm Groups Offer Milk and Bean Marketing Legislation

The legislature has before it a number of bills of interest to farmers. This year the legislature grinds slowly. In the first week of March, with two months of the session gone by, of all measures presented but three had reached Gov. Murphy, and have his approval as law.

Opinion is divided regarding the rate of progress by the legislature. However, there is strong sentiment among the legislators that careful study of all pending bills is more important than haste, and that the session will be judged by the quality of its product, rather than by the quantity.

#### Mortgage Aid Continued

The mortgage moratorium extension bill by Rep. George Watson of St. Clair county, and a companion bill on land contracts by Rep. John Hamilton of Detroit were signed by Gov. Murphy Feb. 18. Enactment of these measures was recommended by the State Farm Bureau directors at their February meeting. They instructed their legislative representative to work for the bill.

A deficiency appropriation bill to pay the difference between the actual cost of state government and the appropriations of the last legislature became law Feb. 23.

At this time only five bills originating in the House have reached the senate, and seven senate bills have gone to the house.

In the senate the civil service bill for state employes has been on the floor for several weeks. Dozens of amendments have been offered. Senate leaders predict that the bill will be worthy when the final vote is taken.

The real battle on this bill, designed to reform Michigan's political spoils system, will take place in the house. The measure has Farm Bureau support. Any disagreements between the two houses will place the bill in conference committee for settlement, a matter that may improve the bill.

The civil service bill had support from both candidates for governor. Therefore, a conference committee is likely to have the pick of each party from both houses. Under the rules, the report of a conference committee must be accepted or rejected as a whole, without change or amendment. R. Wayne Newton, the Farm Bureau's legislative representative, forecasts the enactment of a satisfactory measure.

#### **Rural Electrification Bills**

Electric power for farmers has occupied much of the attention of the house. March 3 the public utilities committee reported to the house, Bill No. 49 and 50. They were introduced jointly by Rep. H. O. Clines of Mason county, Frederick Kappler of Houghton county, and Laverne Hatch of Jackson county. They open the way for creation of metropolitan districts for the establishment of municipal electric plants and lines to serve rural areas. These bills have Farm Bureau support, and are intended to carry out a mandate of the state constitution. It is section 31, Article VIII, which has been ignored by the legislature since 1926, when it was adopted by popular vote. Rural Electric Bill No. 51 A third rural electrification bill, No 51, was introduced by Rep. Kappler GRAIN AND BEAN emption and other legislation affect- and Rep. Charles M. Myers of Cass **REGULATION ASKED** county. It proposes to authorize the creation of non-profit membership cor BY ELEV. EXCH porations for the extension of electric service in rural areas, and to place them in position to borrow funds for the Rural Electrification Administra- Exchange Believes Legislation tion at Washington. Would Aid Markets Study of the proposal has convinced In Michigan numbers of the house members of its merit. The Farm Bureau approved The Michigan Elevator Exchange, the principles of the bill, but called largest co-operative handler of Michattention to what it considered imporigan grain and beans, has recommendtant defects in the orignal draft. ed legislation to improve marketing March 3 it was announced that Bill conditons in the grain and bean in-No. 51 may be considered defective in dustry in this state. some respects by federal rural electri-The Elevator Exchange has recomfication authorities and probably will mended to the legislature that the be withdrawn. A new bill may be grain and bean industry be placed unsuggested presently from Washington der the definite regulatory control of Taxes and Oleo the State department of agriculture, Other bills of interest to farmers in

#### Organized

Overstreet, noted philosopher, psychol- and other markets since 1922. ogist and educator, a member of the faculty of the College of The City of to have the largest gathering of farm plies merchants, and are engaged in the 70 shown on the screen, and are: New York. One statement pleased me people interested in marketing a single other business undertakings. especially. Dr. Overstreet said, "No commodity in Michigan. For several Many of the farmer owned business individual can count for very much years it has moved to larger quarters es are large scale operations locally. just trying to do something by him- to accommodate the throng of mem- They have large plants and investself. He who would accomplish things bers and shippers who come to hear ments. They employ numbers of peomust be the member of an organized about their organization activities. group."

That's what I'm trying to tell farm- of the National Live Stock Marketing es in merchandising, purchasing and 3. ers every day.

#### Feeds

that the egg production of his flock markets through advertising of meats and their customers. has been 75 to 80 percent all winter to consumers, and through co-operapounds per case. He uses 16% Mer- food industry. the Farm Bureau store at Hastings, seeking a return to parity of income throughout the state. They were 9. tion Mr. Cooper volunteered.

#### Jackson

A year ago I attended the annual Board and now through the agricultur- co-operatives. meeting of the Jackson County Farm al adjustment administration program. Bureau. There were about 30 present. However, he said, there is much that Last month I again attended the an- can be done by organized agricultural Livingston Bureau nual meeting in that county. This groups themselves through intelligent Holds Annual Meeting time there were over 250 present and advertising and merchandising proa more enthusiastic group you never grams designed to dispose of surpluses. saw. It's the same story wherever I These, in the opinion of the speaker go. The Farm Bureau is growing. are only seasonal surpluses. Farmers are more and more enthusiastic about the organization and its the work of the National Live Stock program. Leaders are assuming their Producers last summer in meeting the local responsibilities with a vim and extra-ordinarily large marketings of Feb. 16. vigor born of a new enthusiasm and beef cattle and the resultant depression an inspiration of a large farmer fol- of beef prices, and particularly on the lowing. Gradually the word is getting better grades of beef. around, "Watch the Farm Bureau."

#### Trees

The Association, said Mr. Denman, Fruits and trees, that's the kind of began in June to enlist the organizafarming that Jay Robotham of Beulah tion of 100,000 retail butchers in an ad- of the Michigan State College gave his group. is doing. The trees are not fruit trees. vertising campaign to housewives to They're pines. Mr. Robotham farms consume more of beef cuts. The camdifferently than most fruit farmers. paign was scheduled to reach its peak Bureau, and C. F. Openlander of the with the bill to prohibit Sunday hunt-He plants the fruit trees on the slopes in August. Immediately, said Mr. Den-(Continued on Page 2.) (Continued on Page 2.)

**SELL CONSUMER** 

That Is the Next Big Step Denman Tells Live Stock Exchange

Lansing-Probably 1,000 or more sat in a very large way. down to the annual dinner of the

The Live Stock Exchange has come lers and packers, general farm sup-

ple. And they are associated with 2. This year C. B. Denman, president other farm co-operatives for advantag-

Advertising Sold Beef

Ass'n at Chicago, came to recount the marketing. Farmers Week at Michigan State 4. improvements co-operative marketing

From Barry county comes word that and organized effort had brought to College, early in February, the college Pettit's Hatchery and Poultry Farm the live stock industry. His message economics dep't presented a pictorial is rather well satisfied with Farm Bur- included a vision of what the co-op- and products display from farm co-ops. 5. eau feeds. Mr. Charles Cooper, man- erative live stock groups may achieve It was designed to show what farmers ager and owner of the hatchery, states in better prices, and more stabilized are doing, and how it benefits them 6.

Picture No. 1 above shows the ecoand the eggs weigh from 45 to 48 tive efforts with other sections of the nomics dep't display booth. The central feature of the exhibit was a con- 7. mash with cod liver oil. He feeds 11/2 Since 1922, said Mr. Denman, agri- tinuous lantern slide show of some 70 8. tons a month which he purchases from culture has been before every Congress pictures taken in farm co-operatives

Fruits, Market Milk,

Process Grains

Bill Parker manager. This informa- with industry and the control of sur- largely action pictures, showing operpluses. It has made important prog- ation of equipment, processing methress. First through the Federal Farm ods, and the facilities employed by the

Arranged elsewhere in the booth

is the new president and Mr. Haack a program of music by the Feller fam- Farm Bureau has been asked to pro-To illustrate, Mr. Denman described

observations of Germany. Donald White, secretary of the Junior Farm zation activities.

Producers Pack Meats, Can was a display of products processed or manufactured by farm co-ops in Michigan. The display included a refrigerator display case of meats from the Bureau Considering Advisory Detroit Packing Co. originating

Michigan's co-operatively organized through the Michigan Live Stock Exfarmers continue to be producers . . . | change; dairy products from the Michbut they have become processors and igan Milk Producers and Lansing salesmen for their own products, and Dairy Co., Remus Co-op Creamery and

others; trade-marked sacks of pota-They have become packers of meats, toes from the Potato Exchange; seeds exchanges that are stockholder mem-Michigan Live Stock Exchange Friday canners of fruits, elevator operators, and feeds from the Farm Bureau; evening, Feb. 19 at the Hotel Olds here flour millers, feed manufacturers, beans from the Elevator Exchange; We like people that agree with us. to open the annual meeting of the Ex- creamery operators, village, town and eggs from the Hamilton Farm Bureau; That's why I liked the talk given in change, which has marketed 12,300,000 metropolitan milk distributors, milk flour from the Howell Co-operative Lansing recently by Dr. Harry A. head of stock at its Detroit, Buffalo products manufacturers, poultry and Co.; cherries from the Grand Traverse egg packers, potato and fruits hand- Packing Co., etc.

Pictures in the group above are from

play of products manufactured by May 24, 1935, the exemption has been farm co-operatives. Center, above saving co-operatives and all farmers counter, the continuous display of in Michigan about \$1,000,000 a year. lantern slides. The Farm Bureau and associated co-Butter manufacture, Remus Co-op- operatives fought the battle together.

erative Creamery. Feed mixer at Farm Bureau Services, Inc., Saginaw plant.

evator Exchange, Port Huron plant. Potato storage, Ellsworth Farmers

Exchange. Michigan grown alfalfa and clover seeds, packed in bushel bags, at warehouse, Lansing. Bottle washer, Lansing Dairy Co. Egg grading and packing, Hamilton Farm Bureau. Flour milled by Howell Co-opera-

tive Co 10. Cherry cooker in operation, Farm

Bureau Fruit Products plant, Hart. 11. Beef cooler, at Detroit Packing Company, Detroit.

#### Newaygo's Garfield **Community Group Meet**

Marr are new directors of the Living- Bureau met at the Alfonse Feller make recommendations and provide ston County Farm Bureau. Mr. Marr home Feb. 22. Thirty persons enjoyed ways and means for the program the

the new sec'y-treasurer. They were ily orchestra and other entertainment vide for the co-ops. Members of the elected at the annual meeting here by the group. Wesley S. Hawley discussed the convenience and savings in

Dinner was served by the ladies of using high analysis fertilizers. Arthur the Methodist church. The 7th grade Feller led a discussion on agricultural orchestra played, directed by Mrs. trade treaties with other nations. The Birdsall. The Conway-Handy Farmers discussion indicated that the agree-Quartet sang, Mrs. Gale Hoisington, ments are more beneficial than harmaccompanist. John Hannah, secretary ful, in the opinion of the Garfield

Branch County Farm Bureau helped in with the committee. State Farm Bureau spoke on organi- ing there. The bill has passed the house at the state legislature.

NEW U.S. LAWS

#### Service for Affiliated Organizations

Representatives of 114 farmers cooperative ass'ns and the commodity bers of the Farm Bureau Services met at Lansing Feb. 24 at the invitation of the Farm Bureau to consider how to proceed with social security taxes, surplus taxes, income tax exng their businesses.

The meeting was an outgrowth of the Farm Bureau's success with sales tax 1. State College economics dep't dis- exemption for farm supplies. Since

At the meeting Feb. 24 the co-ops and commodity exchanges suggested a program for a legislative, taxation Bean picking room, Michigan El- and general advisory accounting service to be carried on by the Michigan State Farm Bureau staff for

stockholders of the Farm Bureau Services and commodity exchanges affiliated with the Farm Bureau. At the meeting Gifford Patch and

Farm Bureau Services, Inc., seed Arthur Howland of the State College economics staff, R. Wayne Newton, legislative counsel, G. F. Griswold, Lee Monroe and Earl Parker, accountants for the Farm Bureau, reported their studies and experiences upon business, and the reports to state and federal governments concerning them. The co-operatives reported confusion on some of the new laws and regulations and asked that the Farm Bureau assist them in avoid-



committee are:

Merle Crandall, chairman, Howell Co-op Fred Pernert, St. Louis Co-op Creamery Tom Berghouse, Falmouth Co-op Ass'n H. H. Sandford, Battle Creek Farm

Fred Harger, Farm Bureau, Saginaw Carl Steimle, Sodus Fruit Exch. President Alfred George of the Farm Bureau Service was asked to sit

Of the 4,600 students at Michigan State College 87% are from Michigan.

according to Neil H. Bass, co-manager of the Exchange.

The proposed legislation was developed at conferences of co-operative elevator managers and farm organization the law of 1933, and several proposals officers following the annual meetings of the State Grange. Farmers Union and State Farm Bureau. All three groups asked definite action for betterer licenses to farmers at half the an ment of grain and bean marketing connual weight tax. Rep. Barrett of Mus ditons kegon asks increases in appropriations

A United Front Through the affiliation of the Milk

for agricultural experiment stations

**Road Side Markets** Producers Ass'n, the Live Stock Ex-Rep. James Helme has a bill authorchange, the Potato Growers Exchange, izing farmers' road side stands to sell the Elevator Exchange, the Michigan products free from inspections such as wool Marketing Ass'n and the Midwest apply to city markets. The bill will Co-op Creameries, and Farm Bureau probably carry after an amendment to Fruit Products Co. with the Michigan broaden its terms as to commodities, State Farm Bureau, the plan has been John Elzinga, Hamilton Farm Bureau and to restrict to producers only the before all these groups in a conference privilege of peddling farm produce and goes to Commissioner of Agricul-

> without a license. ture Burr Lincoln and the legislature Rep. Ezra Aldrich of Alger and Rep. with their support. Representatives of Victor Knox of Chippewa have pro- these exchanges who are directors of posed state funds for a 4-H club camp the Michigan State Farm Bureau will site. Rep. V. J. Brown of Ingham follow through on this proposal.

> would qualify Michigan to receive ben- Money losses in the markets for efits under the federal Bankhead-Jones Michigan beans have been occurring Act for the conduct of research along for years because of the laxity of shipagricultural lines. pers in furnishing only high quality (Continued on Page 6.) (Continued on Page 6.)



clude several dealing with delinquent

taxes, the oleo tax bill by Sen. D. Hale Brake of Montcalm county. Also, a with the various forms of new taxes bill to refund head taxes paid under for reapportioning the legislature. Rep. Samuel Kircher of Bay has pro posed sale of seasonal truck and trail





TWO

Vol. XV

#### A Measure of Success

SATURDAY, MARCH 6, 1937

Interesting information can be had from the annual report of a business organization . . . whether it be a farmers' co-operative business, or an institution like the Michigan Bell Telephone Co. They have things in common, too.

We pick out of the Michigan Bell Telephone Co. report for 1936 that nearly 3,000,000 phone calls are made daily in this state . . or nearly five for every telephone. As a people we believe in getting matters under way quickly, so in this State we made nearly 24 million long distance calls.

Now it appears that a good little business may do just as well or better than a good big business. It has less far flung responsibilities and fewer obligations perhaps. Anyway, we note that for every \$36 the telephone company took in, its operating expenses, including taxes totaled \$32. The taxes amounted to \$7.74 for every phone in service, and that comes back to the people in primary school fund money. The company made 5.6% on its investment, before payment of interest and dividends.

So when your farmer owned business earns the interest on the investment, and perhaps pays a patronage dividend, besides being of general service to you . . . it's a good record and a credit to the management. It's also a testimonial that you are helping people in your community with their business affairs.

#### Rollo Ogden

Rollo Ogden is no longer editor of the New York Times. A few days ago he passed away at the age of 82. Behind him is one of the longest personal chapters in the history of journalism . . . 56 years of editorial labor on the leading newspapers of our time. He took a new job at 65 . . . the editorship of the Times, and carried it for seventeen years.

By training he was a minister. He preached for seven years, beginning in 1880. Today in some quarters the notion is that a man is too old at 40. We find Ogden starting with the New York Evening Post in 1891 at the age of 35. Twelve years later he was editor in chief and continued in that capacity for 17 years longer until 1920. Then the Times claimed him. At 65 this man was an editor of great reputation as an advanced thinker. He was ready for seventeen more years at the top of his profession. Evidently, Editor Ogden never realized that he was getting old, nor did anyone else ever discover it.

#### **Blue Hyacinths**

"Blue hyacinths were placed on all the tables. On the speakers' table was a cherry limb from the orchard and a hatchet in it. The tables were decorated with red, white and blue. Little hatchets and the napkins suggested Washington.'

A young lady, Miss Anna Heer of the Oceana Junior Farm Bureau, is describing the Junior Farm Bureau's potluck dinner to which Farm Bureau leaders throughout the county were invited February 19 ... and they came, one hundred of them . . . to enjoy a fine setting for a meeting and a splendid program, presented with skill. The young men in that group are smart. They presented an all girl program . . . Miss Florence Haynor as program director . . Miss Ruth Esther Kerr to speak for the Junior group, and of course the young ladies were hostesses. Next they presented Henry Hendrickson to speak for the Farm Bureau, and R. G. Waite of the National Youth Foundation. He can hold people enthralled for an hour, speaking on the subject: "When people cease to become they and become we.'

We can't imagine the men of any organization spotting blue hyacinths, etc., around . . . except under direction. But we do know what such extra touches do for the setting of a meeting, and how favorably a well appointed meeting is remembered. People like those things.



## Hiram, on Cutting a Tree

There, Clem, that's that. A good square stump. I judge two feet across, And now it's down I almost feel the place has stood a loss Well, I can do the rest alone, and much obliged to you. What say? Alright then, take a hold and let's block off a few. This hickory sap is gummy stuff. It makes the saw run mean, But we've got what it takes for that, just common kerssene.

You know these big old fence-row trees take up a lot of ground; And this one's been standing here as long as I been 'round. Before the chestnut oaks grew up this pignut by the lane Was all the shade one pasture had,-or shelter from a rain, And lots of times I've breathed the team and laid down on the ground And gained refreshment from its shade, the first few times around. Then, later in the afternoon its shadow, long and thin Reminded me to drop the tugs and put the horses in.

There used to be a tough old root out there about a rod; A good green root, three inches through, just underneath the sod. I've yanked the plow back scores of times, when I was young and stout Because of that old hickory root-until I grubbed it out. At that I never saw my way to blame it on the tree. They have to make their living, Clem, the same as you and me.

Remember when Pa's melon patch was over there a ways? How you and I would seek it out on warm September days? We'd test and judge, and finally we'd bring them over here And eat ourselves all out of shape, with juice from ear to ear; Then when we could no longer sit we'd sprawl supinely flat And rest until we didn't hurt. Sure, you remember that.

A tree is like a farmer, Clem, deep rooted to the land And proudly steadfast in its place, determined in its stand. A poor one may take root a bit and get a likely start, But providence soon cracks it down. It's punky at the heart. A good one is a landmark in a land where marks are few, And by their fruits we know them, as the Good Book says to do; While some fine trees bear wholesome fruit, and cool a little space, And they are like good neighbors, Clem, the cream of all the race.



## Behind the Wheel

(Continued from page 1.) and in the hollows of his rolling land and plants pines on the top of the Ind., Co-operative Creamery; Arthur knolls. It's a fine farm that Mr. Robotham has and some day those pines lege; County Agr'l Agent J. P. Hoekwill be worth a lot of money. In the meantime they keep the tops of the sandy hills from blowing away and worthless land becomes valuable. The Brookside Group fruit trees are well kept and a fine Talks Trade Treaties

fruit crop is harvested every year, There is one block of 40 acres in apples alone. Mr. Robotham is a member of the

Farm Bureau, a director of the Beulah Co-operative and a member of the Michigan Horticultural Society.

3,000 at Constantine **Co-op Creamery Meet** 

Constantine-Three thousand persons-stockholders of the Constantine March 5 meeting was to be with Mr. Co-operative Creamery and their fam- and Mrs. Raymond Corrie. Lester Wil-\_attended the 22nd annual meet-

#### MICHIGAN FARM NEWS

#### Live Stock Men Learn To Sell the Customer

(Continued on page 2.) man, the price of beef began to improve, as did the returns to producers. In August the sales of beef were 37% greater than in August 1935. He cited parallel experiences in the promotion of other food products.

Surplus control will be most effective, said Mr. Denman, when organizations of farmers are able to carry their knowledge of what the public wants back to the farm and produce there the weights and qualities of stock that meet public demand. That, and sales promotion and advertising in co-operation with the retail trade, is the modern manner of stimulating sales and better prices. Raps Trade Treaties

Mr. Denman can see no good in the reciprocal trade treaties with other nations insofar as the live stock industry is concerned. Pointing out that 12% of the live stock and meats on our markets is of foreign origin, the speaker said that when normal hog produc tion comes back in this country, 12% of imported stock will be too much.

A feature of the Live Stock Exchange dinner was the presentation of the Ford Farm Market Reporter daily live stock markets, news broadcast and music program. George Boutell, manager at Detroit, Harold True, news commentator, and The Mountaineers showed how it is done. The music was as usual, but the broadcast was of a humorous nature, at the expense of the audience and persons known to them. The Four Rounders, Live Stock Exchange meeting favorites, and the Ford Dixie Eight gave a splendid program.

Since 1922, said a statement to the guests, the Exchange has marketed 12,300,000 head of stock, valued at \$281,000,000, and after devoting itself to securing the best market return, has returned to the local live stock shipping ass'ns patronage dividends totaling \$320,000. It has furnished 400,000 feeder lambs and cattle to stockmen and has provided finances to live stock feeders in the amount of \$1,000,000 during the past five years.

Clyde Horner, Houston, Tex., worked 500 hours to build an exact miniature of the Bounty, famous English man-of-war. The tiny model has 121 workable pulleys.



## Our New Farm Fire Policy . . .

Covers dwellings, barns, other buildings, live stock, crops harvested and on the farm, and other property. The five year farm policy is payable in annual installments. We have a complete fire insurance service for farm, village, and city properties. See your State Farm Mutual Automobile Insurance agent.

State Farm Fire Insurance Co. of Bloomington, IIllinois



#### A Great Accomplishment

One of the accomplishments that can be credited to most meetings is to make people acquainted with each other, who, though members of an organization, or having common interests, have not yet met. Small meetings have little trouble in this respect. Larger community meetings and county wide meetings do face this difficulty. Smart are the program and entertainment chairmen who see to it that their guests become acquainted with each other. An organization that neglects this important feature in meetings will some day appreciate the story told on the men of Harvard:

Much has been written about the aloof and snooty attitude of Harvard's men. Naturally, in assembling a football team there may be a wide variance in the social status of the players. It was many years ago and Yale was making things uncomfortable for the Crimson. Capt. Wilbert Throckmorton, or whatever his name was, called for time out for Harvard.

"Men of Harvard, rally round," said Capt. Throckmorton in perfect Oxford English. "The Yiles have the ball on our 1-yard line. We are face to face with a crisis. In fact, I might say we are face to face with several crises. In a situation such as this I think it is only right that we should know each other better-Mr. Pemberton meet Mr. Fish and Mr. Snoggle meet Mr. Henderson, etc."

A Harvard man, hearing this story related at a banquet, rose in his seat and declared-"I realize the speaker has taken the liberty of enlarging upon the facts of the case in order to make it a good story. But I must protest that this is not true Harvard spirit. Why, when I was captain of the Harvard crew in 1886 I knew everybody in the boat-that is except the bow and No. 4 men."

#### **Consider the Weather**

January began 1937 with a month that will go down in weather history as a breaker of records of moisture, heat, and cold . . . a month of extreme contrasts for farmers and others in all parts of the country, according to J. B. Kincer of the United States Weather Bureau.

The outstanding result of the abnormal January weather was the devastating flood carried down to the Mississippi by the Ohio River and its tributaries. From January 1 to January 25 the clouds poured down on thousands of square miles of land a layer of water that would have been nearly 16 inches deep if none had run off. For example, a belt 100 miles wide, extending roughly 50 miles on each side of the Ohio river, and about 550 miles long-from the West Virginia boundary line to the Mississippiwas deluged with more than 60 billion tons of water. Practically all of this tremendous tonnage of water rushed down gullies to the nearest streams and from the Ohio into the Mississippi. Already saturated with the December rainfall, the ground was incapable of absorbing any appreciable amount of the January rains.

Despite the unwanted heavy rains in the East and helpful snows over most of the western half of the country, the need for more precipitation is still acute in the western Great Plains, especially in the southwestern plains, where the soil remains dry and subject to drifting and, with high winds, to dust storms,

The unseasonable freezes in southern California called for the use of millions of orchard heaters in an effort to save the citrus fruit crop. The loss in unprotected orchards, Mr. Kincer says, was very heavy. Temperatures of 20 and 21 degrees lasted for periods varying from 8 to 16 hours at several places in the citrus-fruit section.

In marked contrast to these low temperatures were the high ones in the Southeast, where the extraordinary heat has advanced vegetation precariously far beyond its normal stage. Early fruit trees began to bloom in January and early February as far north as southern South Carolina.

Editors of 200 Michigan weekly Michigan has 83 counties. newspapers favor more state finances Many garden plots in Michigan are for the Michigan State College.

cox is president of the group. ing here Feb. 10. They came from nearly 20 counties in southern Mich-Topaz is the most popular yellow igan and northern Indiana to visit the

colored gem. plant they do business with daily. A new building and equipment add-The fact that certain varieties of ed recently was an admirable setting for the meeting. Twenty-two years ants keep slaves has been known since

ago the co-op began with 168 stock- 1810, when it was discovered by the holding farmers. Today the stock- scientist Pierre Huber.



Classified advertisments 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.

#### MAPLE SYRUP SUPPLIES

ALL MAPLE SYRUP MAKING AND MARKETING SUPPLIES, including "Old Reliable" Felt Filter Bag for cleansing. Three color labels, thermometers, hydro-meters, buckets, flat bottom pans, tin

meters, buckets, flat bottom pans, tin and glass containers, "KING EVAPO-RATORS", sap storage tanks, sugaring off rigs, sugar moulds, etc. For catalog and prices write Sugar Bush Supply Company, Display room in Farm Bureau Bidg., 728 East Shiawassee St. Lansing. (12-5-4t-59b)

MICHIGAN SEPTIC TANK SIPHON

and bell as recommended by State Col-lege Agr'l Engineering dep't. Build your own septic tank and sewage system. In-stall when tank is built. Installation and operation simple. Discharges automati-cally. Have been sold 16 years. All in daily use and giving satisfaction. In-structions with each siphon. Price, de-livered, §7.21 which includes sales tax. Farm Bureau Supply Store, 728 E. Shia-wassee St., Lansing. (3-4-tf-60b)

OLD RAGS WANTED

CASH FOR OLD RAGS. HIGHEST

prices paid by return mail. Don't throw away old rags. Sell them. Write for de-tails. Goldman Corp., 2,100-BP Loomis, Chicago. (3-6-1t-25b)

FARM MANAGER

NINE YEARS FARM MANAGER FOR R. M. Kellogg Co. at Three Rivers. 440

WANTED TO RENT

During the past year the plant made

nearly 5,000,000 lbs. of butter and

Speakers for the program were C.

R. George, manager of the Marion,

zema, and C. L. Brody, sec'y of the

Brookside Community Farm Bureau

of Newaygo county, has come to the

conclusion that the reciprocal trade

alized American beef and milk mark-

ets as much as it was feared it would.

ilies discussed Exports, Imports and

Trade Agreements at their recent

meeting. Mr. Kaarnemaat presented

the topic. The group was entertained

by Mr. and Mrs. Floyd Huff. The

The group of 25 Farm Bureau fam-

agreement with Canada has not demor-

\$34,000 worth of by-products.

REGISTERED HEREFORD BULLS

LIVE STOCK

and heifers. Start a registered hero now. Dairy farmers, use a Hereford bull and get real veals. Don't 'raise scrubs. A. M. Todd Co., Mentha, Mich. scrubs, A. M. Todd Co., Mentod, (14 miles northwest of Kalamazoo) 2-6-tf-33b

OAKDALEHEREFORDFARMS(Home of 100 Head of Registered Breed-<br/>ing Cows.)We are offering for sate<br/>bred and open Heifers, also a few young<br/>Buils. Write or phone—R. L. Mackie,<br/>Metamora, Mich.Indext of the sate<br/>(3-6-2t-32p)Indext of the sate<br/>FOR SALE—MISCELLANEOUS

FOR SALE-PUREBRED REGISTER ed Chester White bred gilts for spring farrow, March and April. Also, fall pigs, immunized. Ready for shipment. This, herd has had grand champion sow and boar, and Michigan premier breeder at the Michigan State Fair the last three years. Now booking orders for spring pigs. Charles McCalla, Ann Arbor, R-6. Phone 726-F4. (1-2-3t-56b)

BABY CHICKS

BABY CHICKS-READY NOW. CERTI fied. Bonded White Legnorns and Bar-red Rocks. Michigan R. O. P. breeder. Order early. Write, or visit Lowden Farms, P. O. Rives Junction, Mich. Lo-cation, Pleasant Lake. (Farm Bureau members.) 2-6-tf-32b)

TURKEYS

TOP NOTCH TESTED AND AP ed bronze turkeys. Highest quality ts and eggs. Book early for best ce of dates, April first to July fif-th. Write for details. W. D. Wil-Beulah, Michigan. (2-6-4t-30b)

R. M. Kellogg Co. at Three Rivers, 440 acres, nursery and general farming. Two years State nursery, orchards and farm inspector, Best references. Age 50. Health good. Two in family, Guy Coffing, Constantine, Mich. (3-6-1t) 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 No. Cedar St., Lansing, Michigan. (1-2-4t-42b)

PLANTS CERTIFIED FROSTPROOF CABBAGE

or periods varying from 8 to 16 hours section. We temperatures were the high ones in mary heat has advanced vegetation pre-ge. Early fruit trees began to bloom in north as southern South Carolina. Many garden plots in Michigan are yawning for a top dressing of manure. CERTIFIED FROSTPROOF CABBAGE and Bermuda onian plants, open field strong. Cabbage Strong. Cabbage Strong. Cabbage Strong. Cabbage Single Man, 27, WANTS WORK BY Single Man, 29 No. Cedar, Lansing, Mich. (3-6-1t) MATURE SINGLE MAN, 42, WANTS WORK BY Single Man, 27, WANTS WORK BY Single Man, 29 No. Cedar, Lansing, Mich. (3-6-1t) Single Man, 27, WANTS WORK BY Single Man, 29 No. Cedar, Lansing, Mich. (3-6-1t) Single Man, 27, WANTS WORK BY Single Man, 429 No. Cedar, Lansing, Mich. (3-6-1t) Single Man, 429 No. Cedar, Lansing, Mich. (3-6-1t) Single Man, 42, WANTS WORK BY month or year. Experience-ed. Frefers dairy farm. John Eddy, 616 Brook St. Lansing, Mich. (3-6-1t) Single Man, 42, WANTS WORK BY month or year. Experience-ded. Frefers dairy farm. Single Man, 42, WANTS WORK BY month on general or dairy farm. Ernest Allen, Okemos, R-1, Mich., care Henry Fields. (3-6-1t)



MARGIN OF SAFETY



FARM BUREAU

PRODUCTS

ATE or LI

"Yes... we've tried nearly every kind of spray material on the market ... but we've settled on Farm Bureau Insecticides and Fungicides because we've found that we can count on their high quality. And that's an extra margin of safety when your whole crop might depend on what you spray with !"

the same safe and maked and and the

A constant standard of quality in Farm Bureau spray materials is assured because our line is manufactured for us under contract with the General Chemical Company, who manufacture insecticides and fungicides of unquestioned quality. Consistently effective, economical to use, Farm Bureau Brand materials give you the greatest advantages in ease of mixing and absence of sediment. Thorough spray applications with Farm Bureau Brand materials are an investment that have an extra margin of safety!

### Farm Bureau Services

221-227 North Cedar Street MICHIGAN

INTOX

224.7 LANSING

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

Also ORCHARD BRAND ZINTOX, a Basic Zinc Arsenate · Dritomic Sulphur · "Potato Spray" · Nicotine Sulphate 40% · Paradichlorobenzene · X-13 (Pyrethrum Extract) · Paris Green · Veget-Aid (Rotenone Base) Dust · Muriatic Acid · Various Dust Mixtures

BEEKEEPER'S SUPPLIES

WANTED TO RENT 40 TO 80 ACRES near Lansing, Furnished or on other ar-rangements. Have team and other re-sources, References, William Foster, 1017 Cooper St., Lansing. (3-6-1t)

# FARM WORK WANTED

SINGLE MAN, 27, WANTS WORK BY month. General or dairy farm. Experi-enced. Can drive truck. Roland Ander-son, 429 No. Cedar, Lansing, Mich. (3-6-1t)

#### **McCormick President** Saginaw Farm Bureau

Saginaw-Three hundred Saginaw County Farm Bureau members and their families attended the annual meeting Feb. 16 at the Farm Bureau Services' new headquarters, a four story modern warehouse at 800 S. Washington street, Saginaw.

Clarence J. Reid, State Farm Bureau vice-president, came over from Avoca. St. Clair county, to make the address of the evening. A. B. Love of the State College Economics dep't spoke regarding bean and warehouse matters before the legislature. The Arnold Tessin children of Freeland entertained with singing and tap dancing.

Alfred Greuber, 6 foot three inches and 296 pound president of the County Farm Bureau these many years, stepped down to vice-president, and John McCormick is trying out Afred's chair as president. Mrs. Elmer Frahm is secretary-treasurer. Other directors elected are: Martin Johnson, Charles Girmus, Mrs. Meldron McLean, Ed. Watson, and Fred Reimer.

#### **Juniors Aid Red Cross**

Donald F. Bills and Roy Harden of the Rollin division of the Lenawee Junior Farm Bureau collected clothing, food and money for the Red Cross to be used for aid in the Ohio valley flood area.



son and look forward to a bigger yield of better potatoes - at less cost! Easy-just dip and plant.

Actual cost of treatment with this quick dip is about 21c an acre-for one pound treats 60 to 80 bushels of seed. For this slight investment, New Improved SEMESAN BEL gives better stands; reduces or prevents losses from seed-borne scab and Rhizoctonia; increases and improves yields. In actual field tests, it has increased yields an average of 13.6%. 4-oz., 50c; 1-lb., \$1.75; 5-lbs., \$8.00. Ask for free Potato Pamphlet.

TREAT SEED EVERY YEAR

-IT PAYS

BUY FROM YOUR FARM BUREAU DEALER

And save postage. Or buy from us cash with order, 4-oz. 456; 1-Ib. can \$1.50; 5-Ib. can \$6.75, PLUS parcel post at 10¢ per Ib. FARM BUREAU SERVICES. Inc.



The traveling crane operator at the right rides almost at the top of a five story building while he scoops up fertilizer three tons at a bite with the clam shell shown below. The various analysis have stood in gigantic curing piles for months. Now they're going to the bagging department.

Before fertilizer is taken from the pile, chemists shown at the upper left make a final check of its chemical properties, and its handling qualities.

At the upper right is one of many bagging and shipping crews. To their station a chute carries fertilizer. As the fertilizer is bagged it is weighed automatically and at the proper instant moves to the sewing machine, and thence by conveyor to the waiting loading crew.

At the top are shown two great buildings of the Tennessee plant at Lockland, Ohio. Here is year around activity in building fertilizers for the Ohio, Indiana and Michigan Farm Bureaus. They take the entire output. The plant bag mill has a capacity of 3,000,000 bags annually. Trainloads of empty box cars move in, to be loaded 40 or more at a time. Orders received in the morning are shipped that day.



Farm Bureau's Giant Fertilizer Plant Picks Up Speed

## ST. LOUIS CO-OP **CREAMERY HOST**

**TO FIVE HUNDRED** 

Take Part in 22nd Annual Meeting

St. Louis-Five hundred persons at tended the 22nd annual meeting of the St. Louis Co-operative Creamery here early in February when the community, the dean of agriculture at the Michigan State College, and the Michigan State Farm Bureau joined in the observance of the long and successful operations of the farmers co-operative. Secretary and Manager Fred C. Per

nert reported that the co-op now does within a few thousand dollars of a half million dollar business a year. The creamery has grown from a very modest beginning 21 years ago to an important community asset, and to recognition as one of the best creameries in the state.

During the past year the creamery bought \$281,000 worth of cream and \$162,000 of whole milk. The balance of the business consists of an egg and poultry division, and the co-operative distribution of feeds, seeds, fertilizers, twine and milk supplies to nearly 800 patrons.

Dean E. L. Anthony of State College in reviewing the work of the cream ery, declared that it is indeed difficult to place a value of such an institution o the farm community.

County Agr'l Agent C. P. Milham said that 20 herds have been enrolled in the Gratiot County Cow Testing Ass'n, and that 160 herds are ready for the Bangs disease test. Very few re actors are found, and indemnities are paid.

Speaking from the standpoint o years of service as a cow tester, R. H Addy of the Farm Bureau Services said that the least expensive and the surest way to have good cows that will yield a maximum of profit is co-operate with a cow testing ass'n.

Officers of the creamery are: Frank McJilton, president; William Hutchinson, vice-president; F. C. Pernert, sec'y and treasurer. These with D. E. Woodmansee and Ray Farnsworth are the board of directors.

Our Porcupine mountains have an altitude exceeding 2,000 feet.

#### They will welcome young farmers St. Clair County from all parts of St. Clair county.

Has Junior Farm Bureau The St. Clair Junior Farm Bureau Spawning Habits of Fish

has been organized with Archie Cowan, Jr., of North Street as president; Delspawning habits of game fishes. Brook, mere Kells of Avoca, vice president; brown and rainbow trouts spawn with Robert Robertson of Yale as secretarya lowering water temperature; perch, treasurer. The organization is a group black bass and bluegills spawn on a State College, Farm Bureau of young men and women in their late rising temperature. teens and early twenties, many of

them graduates from 4-H club work. Millions of years of geologic his-They meet monthly to discuss topics tory are exposed by the rock formaof interest, and for a social meeting. tions at Grand Ledge Eaton county.

THREE

Water temperatures govern the

# Market Information



THE FARM MARKET REPORTER GROUP AT WXYZ

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

Station	Location	Kilocycles	Station	Location K	locycles
WXYZ	Detroit	1240	WFDF	Flint	1310
WELL	Battle Creek	c 1420	WOOD	Grand Rapids	1270
WIBM	Jackson	1370	WBCM	Bay City	1410
WKZO	Kalamazoo	590	WJIM	Lansing	1210
and the second		Charles Charles		Euronig	Inito

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

**PURCHASING** The Michigan Live Stock Exchange through its national connections can furnish at cost plus a reasonable handling charge, all grades of feeding lambs, cattle, and calves. At our daily market at Battle Creek a large assortment is kept on hand at all times.

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

**SELLING** Our new, enlarged, complete selling service now consists of not only commission sales agencies on the Detroit and Buffalo terminal markets, but a daily market at Battle Creek where all species of live stock are purchased each day and moved direct to packers or the public market.

For complete information phone or write

#### Michigan Live Stock Exchange Secretary's Office, Hudson, Mich.

**Terminal Markets** Detroit, & Producers Co-op at Buffalo, N. Y.



Daily Market

**Battle Creek** 

1."



high

skimming

efficiency

SEE IT AT YOUR FARM BUREAU DEALER

Farm Bureau Services, Inc., Lansing, Michigan

**This System Earned** Three Farms

MOUNTAINS OF

CURED

FERTILIZER

E. T. Knight, president of the Kingsley Co-operative Ass'n in Grand Traverse County, counts his wealth beginning with Mrs. Knight and seven daughters and four sons. After that he throws in the home

farm, where from the front door he looks upon an everchanging panorama of second growth evergreen and oak. He says it looks like a million dollar forest at a distance. From the back door he can see . . . sticking up over the horizon on clear days and many miles away to the north, high spots of the peninsula in Grand Traverse

But this is a story of three farms earned during the depression and how it was done. The depression wasn't far along before sons Cyril and Lucius found their automobile plant jobs in

Detroit gone for an indefinite period. Ionia Group Taken Back home Mr. and Mrs. Knight pro-

posed a farming plan to the young nen if they would agree to stick to it the farthest 31/2 miles away.

buildings, and as the boys set up for ing processes.

themselves, they move onto one o stock is our principal business on sandy lands."

No. Branch Wins Plaque North Branch-Eighty young people

Junior Farm Bureau here recently. Dr. O. W. Warmingham was the guest speaker. Harry Johnson, president of the State Junior Farm Bureau, presented the Northern Lapeer Junior Farm Bureau with a bronze plaque

to honor their high record for attendance. He said there are 23 Junior membership of 500.

Students have been increasing 700 per year at State College.

. the meaning, the stones.

Hemlock Creamery Pays Patronage Dividend

THREE TONS

AT A BITE

Hemlock-The Hemlock Co-operative Creamery at its annual meeting here February 8 declared a patronage dividend of \$7,014.54. There was 81/2 %

on cream, amounting to \$5,736.89. The patronage dividend paid on egg deliveries amounted to 2%, and 3% upon supplies purchased. The regular interest dividend was paid on the capital stock.

The creamery is a stockholder member of the Farm Bureau Services, Inc., and reported cash, inventory, building and equipment assets of nearly \$30,000. Its sales for farmer members the past year exceeded \$170,000. J. F. Yaeger of the State Farm Bureau addressed the meeting.

Officers are: Charles Fox, president; Ernest Fisher; sec'y-treas.; M. J.

Bauer, manager. Directors: Herman Mueller, August Fitting, George Reynolds, Dale Turner, Wm. Feuerhelm. Ernest Woodhull is buttermaker.

# **Through Steel Plant**

Ionia-When the Ionia County Farm for three years. They agreed. The Bureau, Inc., gathered 75 strong at the system was to acquire more land by Ronald Grange Hall Feb. 18, there to rent or purchase, and work all of it meet them was Carl Johnson of the from the home farm. Three addition- Bethlehem Steel Corporation with a al farms came into the arrangement, full length sound picture trip through the great Johnstown, Pa., steel plant.

"One overhead and four incomes. The manufacture of woven wire, barb You can't beat that combination. Some wire fence and nails was shown and of the time we just kept agoing, but explained from the ore and molten during the depression we bought and steel to the finished products. A colpaid for three farms. They have orful picture of intricate and interest-

Jack Yaeger of the State Farm Bur them. Grass and more grass and live- eau was there to speak of the opportunities open to organized effort by farm communities. A. C. Hayes, pio-

neer with his father the late N. B. Hayes in developing a great commercial apple orchard, described his trip attended a district meeting of the to the American Farm Bureau Federation at Pasadena, Cal., as seen by a farmer out to observe.

#### **Genesee** Organizes One

Swartz Creek-A community Farm Bureau was organized recently at the home of W. H. Rankin, and several groups in the state today, with a total more will be organized among the Genesee County Farm Bureaus short-

ly, according to Wilbur H. Short.

Paper pulp made in Sweden comes into our Great Lakes by boat to The French named Lapeer county Grand Haven and to the Kalamzoo paper mills.

# What Other Crop **Has Such Definite** Advantages?

When you get down to brass tacks here is what you find: What's the best money crop the farmer can produce?

What crop helps most to

destroy weeds and pests?

What fits into a well balanced

SUGAR BEETS!

can better stand all kinds of

What crop is the toughest-

crop rotation program?

bad weather?

years?

which means there is always a market for all you grow? SUGAR BEETS!

What crop is non-surplus -

#### SUGAR BEETS!

SUGAR BEETS!

SUGAR BEETS!

SUGAR BEETS!

There are a number of other What major cultivated crop sensible reasons which has made farmers the most support the advantages of money during the last 5 growing beets.

> But the above must make every farmer see the most outstanding, unquestionable benefits of growing beets.

May we suggest that you make up your mind right now?

Grow Sugar Beets in 1937 and every year thereafter!

Farmers and Manufacturers Beet Sugar Association, Saginaw, Mich.

# For Reliable Year in and Year out Profits YOU CAN'T BEAT SUGAR BEETS

FOUR

# **RURAL ELECTRIC SHORT COURSE AT STATE COLLEGE**

Wiring, Motors, Rates, Cost types of electrical equipment in actual Of Equipment Among

#### Subjects

Opportunity to familiarize them- Honor James Nicol selves with efficient ways to harness South Haven-At the annual meetthe newest farm beast of burden-elec- ing of the South Haven Fruit Extricity-is offered those attending the change Feb. 6, Director James Nicol two-weeks Rural Electrification special was presented with a bouquet of flowcourse at Michigan State college, ers in recognition of his long service March 8-19.

The course is offered primarily for made the motion to found the exfarmers and farm youths from Michi- change in 1913, but has served congan's 60,000 farms now using electric tinuously on its board of directors. power and for those who expect to Dr. Arnold Mulder of Kalamazoo have power in the near future. More gave a very interesting talk on his than one-third of the state's farms now trip through Europe last summer. have electricity, and in all probability Roscoe J. Martin of Bangor, manager at least 20,000 more will be electrified during this year, estimates D. F. Ebing-er, of the college agricultural engineer-ing department in Michigan Apple Institute, described the apple advertising pro-gram for Michigan apples. The Exing department, in charge of the change reported a very good merchandising business, a good financial course.

condition, and the largest volume of Although the course is not a wiring school and completion of the course Officiers and directors Officers and directors will not prepare a person to take the are: Charles Leisering, president; state electric wiring examination, Eb- James Nicol, vice president; B. H. inger says that considerable work with Wenban, secretary; Roy Gibson, wiring plans, materials, and methods treasurer; directors, E. D. Lyman, of installation will be offered. Other Carne Tucker, Frank Warner, Perry subjects will include methods of ob- Chaddock, Paul Ketcham, Randolph spring planting, says Professor Hut- erage yield per acre for sugar beets in taining service, rates and costs of oper- Monroe.Cornelius Bus is manager.

ating various pieces of equipment, safety practices, and selection and care MILD WINTER AIDS of equipment, with special emphasis on motors.

Those enrolled also will be given assistance in planning their own electrical installations. Laboratory work State College Has Control gan State College, East Lansing. will offer opportunities to study many

usage under farm conditions.

# South Haven Growers

ods to prepare for a strenuous season's battle against insect crop pests. Mild winter weather is credited with aiding the bugs to bed down comfortably in preparation for their spring and summer riddling, boring and chewing. as a director. Mr. Nicol not only

Muck farmers were warned recently by Ray Hutson, entomologist at Michigan State College, that cutworms, onion maggots and onion thrips likely would be as numerous or more numerous than they were in 1936. Orchards and general crops will find that the weather which has been kind toward muck crop pests also has aided the winter life of other insects as well, says Hutson.

**FARM BUG PESTS** 

The Asking

Plowing under debris, burning weeds and other materials badly infested with insects and making conditions as uncomfortable as possible are recommendations.

MICHIGAN FARM NEWS

Illustrations of common pests and Tri-State Butter descriptions of the bugs and their spe Sales Exceed A Million cific control treatments are found in Special Bulletin 183, "Common Pests of Field and Garden Crops," available

by writing the Bulletin Room, Michi-Bulletin Available for

# Washtenaw Farm

**Bureau Store Opening** Farmers are brushing up equipment Ann Arbor-Monday, March 8 the and knowledge of materials and meth-Washtenaw Farm Bureau store will have its formal opening, under the management of Charles McCalla. Dinner will be served at noon, and there will be a program of entertainment and speaking to follow. The business was formerly known as the Washtenaw Farmers Supply Co. and is located at ed, and Carl Smith was elected to the 212 South First street.

> grinding and seed cleaning that has been done at the plant, Mr. McCalla will add a complete line of Farm Bureau feeds, seeds, fertilizers, harness machinery, fence and co-op tractors.

**19.8 Tons Best Beet** 

Yield in Macomb Co. Ferdinand Foss of Lenox twp., president of the New Haven Farmers El-

evator had an average yield of 19.8 Cutworm combat, useful to home tons of sugar beets per acre in 1936. gardeners as well as truck crop and According to M. J. Buschlen of the muck crop operators, is going to be an Farmers and Manufacturers Beet especially profitable preparation for Sugar Ass'n that was the highest av- Co. of Hudsonville, Jamestown and Macomb county.



Manager Ben Wilson said the in-7.8 cents per pound. The manufac- said Mr. Elzinga. turing cost was .0161 cents per pound. Directors J. H. McGregor, 'Frank Clark and John Moshier were re-elect-

board. John Pridgeon is president and To the elevator and feed business, Charles Waltz, secretary. Herbert Cobb is buttermaker.

The Tri-State Co-operative operates general farm supplies business and reamery at Montgomery, Michigan, has a branch elevator at Ray, Ind. It serves farmers in Michigan, Ohio and Indiana.

#### **Ottawa Dutchmen Have** Marvelous Co-operative.

Hudsonville-Perhaps the local farmers co-operative ass'n in Michigan having the largest membership Vriesland, Ottawa county-1,150, according to Gerrit Elzinga

#### SATURDAY, MARCH 6, 1937

Five hundred and thirty of them | ed assets of \$113,904, largely cash turned out for the annual meeting and inventory. Total current liabiliand dinner at Jamestown recently. ties of \$5,731.87 were reserves for Montgomery-The Tri-State Co-op- The ass'n reported a successful year, sales taxes. The patronage dividend rative Association here manufactur- an increasing busines, and an addi- was \$22,007.94. These and other fea-

This is a Dutch community. All of Farm Mutual Auto Insurance agents rease in butter production over the the directors of the co-op, Manager at Chicago Feb. 15-16, it was reported previous year was 644,178 pounds. The John R. Mast, and a large majority of that 10,742 claims were handled for average price paid for butterfat was the stockholders are Dutch descent, Michigan policyholders, and that the company paid out \$323,385.42 in behalf The co-op's financial statement list- of Michigan policyholders.

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

FARM BUREAU MACHINERY AND HARNESS

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



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

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



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



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



Walking Plow Sturdily Made; Extra Shares Fit Exactly



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



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



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



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



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



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

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



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

MAIL THIS COUPON						
For Free Booklet						
Each booklet illustrates the machine						
or implement. It describes the fea-						
tures that make it extra strong, long wearing, and convenient.						
Fertilizer & Grain Drill						
Volcano Disc Harrow						
Tractor Disc Harrow						
Tractor Plow						
Torpedo Sulky Plow						
Walking Plow						
Sure Drop Corn Planter						
Jack Rabbit Cultivator						
Co-op Manure Spreader						
Guard Rail Spike Tooth Harrow						
Spring Tooth Harrow						
Pull-Cut Mower (New!)						
Champion Grain Binder						
Champion Side Delivery Rake						
Champion Hay Loader						
Co-op Tractor						
Farm Bureau Harness						
NAME						
1						
ADDRESS						
MAIL TO Farm Bureau Services, Inc., 221 No. Cedar St., Lansing, Mich.						

You are cordially invited to attend the pre-season showing of New Westinghouse 1937 Refrigerators - Ranges at your nearest Farm Bureau Store



**NEW 1937** WESTINGHOUSE

ELECTRIC RANGES . . . You'll get a new thrill of pleasure with your first glimpse of the smooth, clean lines and gleaming modern beauty of the new Westinghouse Ranges. Cook electrically—save 18% to 46% in electric cooking cost with a West-

inghouse . . . Clean - Economical - Automatic ovens - many exclusive features. Shown at Farm Bureau Stores.

U. S. GOVERNMENT BUYS 16,697 WESTINGHOUSE REFRIGERATORS for greater 10 year economy . . . Low op-

erating costs of Westinghouse Refrigerators enabled Westinghouse to win the largest refrigerator order ever placed, from the U.S. Public Works Administration Housing Division.

These refrigerators were bought for PWA's Slum Clearance and low-rent housing projects on the most economical basis Government experts could find ... If a Westinghouse Refrigerator will save money for the Government, it will same money for you.

-

\*

WESTINGHOUSE Kitchen-Proved REFRIGERATORS Farm Bureau Services 221 North Cedar Street, Lansing, Michigan. Kindly send me further information on Westinghouse: Refrigerators Ranges Washers Name ..... Address ..... R. F. D..... TT I



**Dairyland Co-operative Creamery** 

This is the handsome building of | runs 6 trucks with insulated bodies to he Dairyland Co-operative Creamery gather cream from 1,100 patrons. They Co. at Carson City, Montcalm county built in 1928 and added to the building In April, 1924, dairymen there were in 1936. The mortgage was paid in getting 4 cents a pound less for butter- 1934 and today the company has assets fat than regions being served by co-op of \$58,000. Last year the co-op made creameries. E. B. Stepbins called a 1,301,318 lbs. of butter and paid the co-operative creameries in Indiana, meeting of dairymen which resulted farmer an average a little better than Michigan, Illinois and Tennessee in the Dairyland Co-op. The road to getting into business A'. Coryell is president, and Fred Walk- Michigan State college, East Lansing, was long, and it wasn't until Novem | er, an early employe, has been mana- Mich.; L. S. Edwards, federal dairy ber, 1925 that they opened in a rent- ger since 1927. Six hundred and forty- specialist of Nashville, Tenn.; R. L. ed building, with two employes and one attended the recent annual meet- Feddersen, of the Great Atlantic & two rented trucks. Today the co-op ing.

## Wool Marketing Ass'n **Has Annual Meeting**

Announces Pooling Plans and [ ment of Federal "Truth-in-Fabrics," legislation, appreciation of the assist Advances for 1937 ance of the Michigan State College and

Season Braving a nasty sleet storm, a large

crowd of leading wool growers from all sections of Michigan gathered at State Farm Bureau headquarters at Lansing, March 4, for the annual meeting of the Michigan Co-operative Wool Marketing Association. En

thusiasm and optimism ran high and the growers and local leaders showed a determination to go home and build a larger Pool for 1937. Headlining the speaking program were Delmer H. LaVoi, extension specialist of the Michigan State Col-

lege Animal Husbandry Department, Clark L. Brody, Secretary-Manager of the Michigan State Farm Bureau, and Phil Evans, director of organization of the National Wool Marketing Corporation, Boston, Massachusetts. Professor LaVoi brought with him

Dorr Perry-Caro: On account of keep-ing the buyer in line we want the compe-tition. a splendid exhibit of blue ribbon fleeces and other display material of great interest. He made a strong usually received more than I could have gotten locally besides the pool keeps the buyers in line. talk stressing the power of organization and referring to various practices to bring larger profits to Michi-Angus Home Stock Farm-Davison: Keep up the good work.

gan sheep men. Mr. Brody complimented the wool pool members on their record of loval-

ty and predicted a good future for the co-operative wool marketing program. He gave illustrations of the direct and indirect benefits of farm organization possible and stated that the individual member's sense of responsibility must be further developed.

D. C. Seaman—Jackson: Have been pleased with results from wool pool and believe it a worthy project. Jas. H. Millard-Bear Lake

MICHIGAN FARM NEWS

#### C. A. Brody Heads **Midwest Creameries**

C. A. Brody, Constantine, Mich., Where Fertilizer Pays was elected president of the Midwest Producers' Creameries. Inc., at the 4th annual meeting at South is capable of paying for a liberal ap Bend, Ind., Feb. 25, 26. H. C. Glick, plication of commercial fertilizer and Columbus, Ind., was elected vice this fertilizer has a residual effect of president, and O. A. Swank, Orleans, Ind., secretary-treasurer.

The new officers were named at a meeting of the newly-elected board follow age old Indian trails. of directors of the organization. The new directors include the officers and Fred Walker, Carson City, Mich.; Fred Pernert, St. Louis, Mich.; Edward Hall, Fremont, Mich.; G. S. Coffman, Coldwater, Mich.; O. O. Brubaker, Marion, Ind.; Oliver Schwartz, Portland, Ind.; L. W. Hite, Gallatin, Tenn.; Turner Powers, Crawfordsville, Ind.; and M. E. Plank, Middlebury. Ind.

The need for adequate capital and good business practices was stressed by George E. Metzger, South Bend, secretary of the Illinois Agricultural commission and director of organization work.

More than 100 representatives of 20 36 cents a pound for butterfat. Charles heard talks by Arthur J. Howland, Pacific Tea company, Chicago, and Dr. E. W. Gaumnitz, of the agricultural adjustment administration, Washington.

Last year the Michigan co-operative creamery members Coldwater, Canstantine, Carson City, Fremont, Nashville, Grant, Lawrence, Marcellus and St. Louis produced 10,767,056 lbs. of

BIG HUSKY CHICKS

tion of respect on the passing of U. S. APPROVED AND MICHIGAN Charles Sexton of Iowa, a prominent onded White Leghorn Chicks. 100% oodtested for Pullorum disease. Large pe stock for larger profits. Pullets and xed chicks if desired. Send for descripleader in co-operative wool marketing. A feature on the program was the discussion among the members present of copies of a few of the many commu-

WINSTROM HATCHERY Zeeland, Box B-7, Michigan

# **Milk Minerals Plus**

butter. The Indiana member creamer-1

Limestone

Tennessee group 1,632,759 lbs.

ies produced 12,136,458 lbs. and the system.

Milk minerals plus the best known source of Vitamin "G" and the highest quality protein known, with an abundance of lactose obtainable only in milk. Where else is there such a result-getting ingredient for chick mashes? There's no substitute.

Milk minerals are more easily assimilated than minerals in any other form. Dry skimmilk contains the growth promoting Vitamin "G" in abundance. Coccidiosis control? Yes, in the lactose content. Lots of it in dry skimmilk. Large quantities at small cost.

Be sure your feed formula contains dry skimmilk. Green Valley Brand dry skimmilk is choice grade.

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





ansing DAIRY CO. Lansing Michigan

ORE POUND

# 7501 W. Jefferson Ave. DETROIT, MICH. \$650 Worth of CALF MANNA **Replaces \$25 Worth of Milk**



AND, IN CALF MANNA the calf gets a complete feed,

with all the elements of milk-plus additional elements

that insure growth. Four of the world's greatest butter

producers were raised on Calf Manna. It's cheaper, it's

better, and it cuts labor 65%. Feed it dry just as it comes from the bag. Ask your dealer for *Calf Manna*, or write

Carnation Company, Dept. MN2, Oconomowoc, Wisconsin.

FREE: Send for "Successful Calf Raising," the new book that gives a condensation of the experience of leading herdamen. Write Carnation Co., Dept. MN2, Oconomowoc, Wis.

REPLACES IS POUNDS OF MILM



benefit to the crops which follow.

Grand River is our largest drainage

FIVE

feed your baby chicks

The sugar beet, a high value crop pilot brand oyster shellchick size-it strength-

growth and brings them

# Valued most when needed most

Telephone Service has become so efficient, so easily used, that it draws no particular attention to itself. But its value is sharply emphasized whenever a home is threatened by one of the three great domestic emergencies:

Call the police! No home is safe from the lawless prowler, intent on theft or violence. But the telephone is his enemy; its mere presence in the house creates an added risk for him. The prowler knows this. He knows how quickly it can spread the alarm, flash out the call that brings the police swiftly to the scene.

I smell smoke! After a fire breaks out, time is priceless. Every moment's delay increases the damage and danger. There is always a point beyond which control is impossible, and destruction complete. But almost any fire can be extinguished with trifling loss-if taken in time.

Get the doctor! Amid the panic caused by sudden illness or injury, one thought leaps to mind. The man needed now, above all others, is the doctor. The interval before he comes is one of anxious waiting-a dread period which the telephone can shorten. One call secures prompt advice on firstaid, and hastens the welcome arrival of the doctor. In emergencies, even seconds are important. And the more important they become, the greater the value of the telephone in protecting property, relieving anxiety and saving human lives.

MICHIGAN BELL TELEPHONE CO.

Mr. Phil Evans brought a first hand be a calamity to wool interests o picture of wool marketing conditions state to quit. at Boston and outlined the services 1937 Pool and Advances and benefits of the National Wool Association officers announced that Marketing Corporation which is the for the present Wool Pool advances co-operative sales agency for 25 wool would be at the rate of 25c per pound pools, serving all parts of the nation. for medium wool, 20c per pound for He supplemented his address by show- fine wool, and 18c per pound for fed ing two reels of a talkie movie which lamb wool. These advances are paid traced the various steps in the hand- as soon as the wool is received at the ling and manufacturing of wool from Lansing warehouse, 728 East Shiawasthe time it leaves the farm until it see Street.

reaches the ultimate consumer. This enthusiastic State-wide mee **Business Session** 

ing climaxed a series of 10 unusually

the Extension workers, and a resolu-

nications recently received at the state

office from members who demand the

continuation of the Pool and write that

they will consign fleeces. Apprecia-

tions read at the meeting include the

Geo. H. Poquette-Alanson, R. 1: I think the Wool Pool is O. K. and would like to see it continued.

Verne Hand—St. Johns: I certainly hope we can keep this association going strong.

J. W. Wagner-Williamston: This ser-vice should be continued.

H. G. Wells-North Adams, R. 1.: Let the good work go on.

Mrs. Ira P. Hayes-Homer: Well satis

H. A. Hagaman & Sons-Leonard: Have

Casper L. Burns-Niles: Mich. Wool Mktg. Ass'n is great thing for Michigan wool growers.

F. M. Ochmke-Sebewaing: Am fully aware of what will happen to price in case we discontinue the pool.

Edw. Dippy-Perry: Keep pool going it

following:

fied.

At the business session the wool well attended County Wool Producers growers adopted the annual report of Associations' annual meetings. At the Association's Secretary-Treasurer, these county gatherings leading grow Alfred Bentall, reelected Mr. F. F. ers had met together to discuss their ENOUGH EGGS TO PAY Walworth of Corunna as a director problems and listen to informativ and chose Mr. W. C. Kempster of Cold- talks by County Agricultural Agents water to succeed J. E. Crosby of St. Extension Specialists from the Anima Johns as director at large. Later in Husbandry and Economics Depart the day the board of directors organiz- ments of the Michigan State College ed by electing F. D. King of Charlotte and Stanley M. Powell, field represent as president, H. E. Powell of Ionia as tative of the Michigan Co-operative vice-president and Alfred Bentall of Wool Marketing Ass'n. These meet Lansing, secretary-treasurer. ings help wide-awake wool growers to

The report of the resolution commit- keep abreast of the latest developtee consisting of S. C. Hagenbuch, of ments for more profitable sheep and Three Rivers, John Brindley of Hale wool production and give them a grasp and Vern Hand of St. Johns developed of market trends and the outlook for considerable discussion. Resolutions future prices. They serve as the con adopted included a statement as to the necting link between wool growers and benefits of the Wool Pool and respon- the Michigan Co-operative Wool Mark sibilities of the members, a strong eting Ass'n and also are of value i stand regarding control of coyotes, connection with any problems of con foxes and sheep killing dogs, endorse- cern to the sheep men of the county.





With a Co-op Brooder Your Chicks are safe - So is your Investment.

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

BUY NOW AT THESE FARM BUREAU STORES

Imlay City

Port Huron

Lansing

Lapeer

**Bay City** Hart Hastings Hartford

Mt. Pleasant Pinconning Saginaw **Traverse** City



# UNTIL MY BROTHER GAVE ME A TIP -I WAS A FAILURE

NOPCO XX "Profit-Production" turns Losses into Profits

HENS NOT LAYING as they should? Hatchability low? Then look to your feeds—perhaps they contain only enough Vitamin D for "rickels prevention," not enough for profit-production.

The four-year test conducted at Pennsylvania State College shows that laying hens require more Vitamin D than growing chicks—that higher, "*profit-production*" levels of Vitamin D secured over 2 dozen more eggs per bird-with stronger, better quality shells, and higher hatchability

The dealers listed below are a few of the 4,000 dealermixers who put "profit-production" levels of Vitamin D in your feeds with Nopco XX—the standardized Vitamin & D Concentrate. Try them-turn losses into profits!

## 1.

Nopco XX is included at "Production" levels in Farm Bureau Mashes.

#### 2.

Years of successful use have thoroughly justified your Feed Committee's original approval of Nopco XX in Farm Bureau Mashes. Tested by time, Nopco XX now has the hearty endorsement of thousands of Farm Bureau members as well.

## 3.

Nopco XX is available in conveniently-sized, sealed packages at your own local Farm Bureau.

NATIONAL OIL PRODUCTS CO., INC. 5291 ESSEX STREET. HARRISON. N. J.

## The best FEED-SUPPLY INSURANCE... CONCRETE SILOS

Experienced live stock feeders and dairymen know that there's no silo like a concrete silo. Concrete makes your silo air and water-tight, fire-proof, windproof and permanent.

Plan to build a concrete silo this year. You'll add to your farm productiveness and profits. And you'll be protected against feed shortage in dry years.

Write for booklets on silo construction. Also check list below for free booklets on other subjects.

> Barn Floors Foundations Basement Walls Feeding Floors Tanks and Troughs Milk House Permanent Repairs ] Making Concrete

PORTLAND CEMENT ASSOCIATION Dept. D3-5, Olds Tower Bldg. Lansing, Mich.





corn is scarce. Much of the seed available will be only fair. So, to make sure of a better yield, use this ethyl mercury phosphate dust that checks seed rotting, improves stands and reduces losses from seedborne root and stalk rots.

In 51 tests, New Improved SEM-ESAN JR. has increased corn yields an average of 10% - more than 31/2 bushels an acre for 21/2c! Easy to use and far smoother - will not clog planter. Four oz., 50c; 1-lb., \$1.50; 5-lbs., \$7.00. Ask for free Corn Pamphlet.

TREAT SEED EVERY YEAR -IT PAYS BUY FROM YOUR FARM BUREAU DEALER And save postage. Or buy from us cash with order, 4-oz. can 35¢; 1-Ib. can \$1; 5-Ib. can \$4.75, PLUS parcel post at 10¢ per Ib.

DETROIT EDISON CO. on, Tuscola and most of Lapeer and the particular line. Sanilac counties in its Lake Huron Difarm customers per mile.

Area Served

Electric Rates vision, constructs rural line extensions The standard city residential rate continue service or additional custom- This guarantee extends for a period without cash contributions from the applies to the farm customer under ers are added to the particular line. customers where there are five or more which 100 kilowatt hours per month

cost \$3.75 but the customer may carn Where there are less than five farm a bonus rate of \$3.20. 300 kilowatt years and thereafter until the usage of \$150 per mile of primary service line customers per mile a cash contribution hours per month cost \$7.75 but the electricity by the customers at the per year, after which the minimum of is required, the amount of which is the customer ma yearn a bonus rate of standard rate equals or exceeds 18% the standard rate applies. The minidifference between \$500 per mile of \$6.70. The bonus rates being for in. of the cost of the line after which the mum monthly guarantee may be modiprimary service line and \$100 per cus- creased usage over that of a base peri- minimum of the standard rate applies, fied at anniversary date of beginning tomer connected. A rebate is paid by od (for instance Objective Rate). Pri- under which 100 kilowatt hours per service by the bre for changes in the churches and town halls. the Company to the original contribut- vate right-of-way for the line is re. month costs \$4.00, 300 killowatt hours number of custo ners served by the ors, pro rata, of \$60 for each addition- quired.

al customer connected to this line INDIANA AND MICHIGAN ELECTRIC CO.

Electric Rates The standard city residential rate The Indiana & Michigan Electric applies to the farm customer under Company with about 20,500 customers which 100 kilowatt hours per month in Michigan, serving Berrien county cost \$3.38, and 300 kilowatt hours per and parts of adjacent counties in the month cost \$7.88. The cost includes southwestern corner of the State, confree lamp replacements. Private right- structs rural lines without cash contribution from the farm customers of-way for the line is required. without limitation as to the number of

CONSUMERS POWER CO.

within five years.

farm customers per mile, if the cus-The Consumers Power Company tomers will guarantee as a monthly with about 300,000 customers, serves minimum for a period of five years an the major part of the central district amount determined by taking 112% of of the state under the "Michigan Plan" the cost of the line extension per cusordered by this Commission. It con- tomer. Additional customers to an exstructs lines without cash contribu- tension line take the same guarantee tions from the farm customers where as do existing customers on that line there are eight or more farm custom- for a period of five years. ers requiring one or more miles of line with a minimum monthly guarantee of the urban residential rate.

Electric Rates The standard urban residential rate

applies to farm customers under which Where there are five to eight farm 100 kilowatt hours per month cost. customers per mile the Company will \$4.30, 300 kilowatt hours per month construct the lines without cash con- cost \$9.30. Private right-of-way for

guarantee as a monthly minimum ally increased cost of line construction SERVICE CO. \$12.50 per month per mile of primary in the highway and resulting increas- The Michigan Public Service Comservice line. In place of a farm custo- ed minimum guarantee has the prac- pany with about 17,500 customers. servmer there may be substituted a church, tical result of requiring private right ing a part of Muskegon, Oceana, Maa school, a town hall, a non-farm cus- of-way.

month or a cash contribution of \$100. Company distribution system is for the Lake Michigan shore and the counties In event a cash contribution is made, most part in the State of Indiana and of the western half of the northern refunds are paid by the Company to the rural policy of this Company is part of the southern peninsula, has the rural rate which differs from the obthe original customers, pro rata, for that in effect in the Indiana territory.

#### customer for each net increase in the MICHIGAN GAS AND number of customers served by the ex- ELECTRIC COMPANY

The Michigan Gas and Electric Com-The minimum monthly guarantees pany with about 10,700 customers, CITIZENS LIGHT apply for three years or thereafter un- serving parts of Cass, St. Joseph, Van AND POWER CO.

il the useage of electricity by the cus- Buren and Kalamazoo counties in the The Citizens Light and Power Com- LAKE SUPERIOR

company.

tomers at the standard rate equals or southwestern part of the state con- pany with about 10,700 customers DISTRICT POWER CO.

imum of the standard rate applies, there are five or more farm customers | Michigan constructs rural lines with- | Michigan, serving the western end of | not in excess of three years' revenue. The Detroit Edison Company with The minimum monthly guarantee may per mile and each of these customers out cash contributions from the farm the upper peninsula of the state conabout 500,000 customers, serving an be modified at anniversary date of be- will guarantee a monthly minimum customers where there are five or more structs rural service lines without years' revenue the customers make a area of roughly fifty mile radius from ginning service by the line for changes payment determined by taking 11/2% farm customers per mile who will cash contribution from the farm cus the city of Detroit and including Hurcustomer. This monthly guarantee is mum of \$12.50 per month per mile of per customer provided the customer nue and the actual cost or mate no increased or reduced as customers dis- line.

> of five years or thereafter until the ment by the Company of \$250 or less the total cost of the line per customer. usage of electric. y by the customers per customer to \$5.25 per month for Provisions are made for rebating to The guarantee is for a period of five at the standard rate equals or exceeds

antee is adjusted upon the serving of period. additional customers.

The plan applies to farm sustomers but also includes rural residences,

**Electric Rates** 

This company has an optional plan A special rural rate applies to rural



requiring a cash contribution by the customers with a minimum charge of farm customers, the amount of which \$2.75 per month including 25 kilowatt shall be the difference between \$1,000 hours of electrical energy. Under this per mile and \$100 per farm customer. rate 100 kilowatt hours cost \$6.00 and Under this optional plan the standard 300 kilowatt hours cost \$11.00. The rural rate and minimum applies for principal part of the generating and distribution system of this company is

Electric Rates

some similar program of operation.

Education, township roads, taxes on

Farm Group Bills

Under consideration are bills on

The last group of bills have been

Stock Exchange and other groups at

, which is condensed milk

Before Legislature

farm customers.

for the line is required.

Farm customers are served under a

## WISCONSIN-MICHIGAN

CONSTANT HEAT

guarantees a minimum payment lang- contribution but each customer guaring from \$2.75 per month for invest- antees a monthly revenue of 1/36 of investment by the Company of \$370 to contributing customers when new cus-\$400 per customer. The monthly guar- tomers are added in the three year

**Electric Rates** 

SATURDAY, MARCH 6, 1937

#### Electric Rate

For usage of electricity by the customer after a period of three years, the standard minimum of the standard rural rate applies which is \$4.00 and under which 100 kilowatt hours cost \$4.50 and 300 kilowatt hours cost \$9.50. Private right-of-way for the line is not required.

The rural plan of this utility is being revised to eliminate cash contributions by the customers. The principal part of the generating and distribution system of this utility is located in Wisconsin.

#### EDISON SAULT

#### ELECTRIC CO.

The Edison Sault Electric Company with about 5,300 customers, serving the eastern end of the upper peninsula of the state, constructs rural lines without cash contribution from the customers where there are eight or more farm customers per mile. Where there are less than eight farm customers per mile a cash contribution is required ranging from \$33 per customer for seven farm customers per mile to \$795 for one farm customer. A similar sliding scale of refunds are made for edditional customers connected to the line within a period of five years.

The minimum monthly guarantee per customer ranges from \$2.50 per located in Wisconsin. The rural plan month for eight customers per mile to is the same as in Wisconsin Private \$7.00 for one customer. The minimum company's standard rural rate amounts to \$240 per year per mile of primary line.

#### **Electric Rates**

On the advisory board complete rep-

resentation of all phases of the in-

dustry would be secured by requiring

The standard full residential service gan serves the west central part of the rate applies under which 100 kilowatt upper peninsula and under present hours per month cost \$4.35 and 300 rural plan will construct rural lines kilowatt hours per month cost \$9.10.

**Presque Isle Farmers** 

# ELECTRIC WATER HEATER tributions if the farm customers will the line is not required but the materi- MICHIGAN PUBLIC

son, Lake, Manistee, Grand Traverse, tomer guaranteeing at least \$2.50 per The Indiana and Michigan Electric and Leelanau counties lying on the

MICHIGAN FARM NEWS

Electric Rates

for the line is required.

per month \$9.10. A private right-of-way particular line.

Farm Power Line Extension Plans

Michigan Power Companies

By RAY K. HOLLAND, Chief Engineer, Michigan Public Utilities Commission

**Construction** Plan

same rural policy as the Michigan Gas jective rural rate by being 20c higher ed. and Electric Company and the cost of per customer. Under this rate the

electric service is identical with that cost of 100 kilowatt hours per month

# is \$4.25 and 300 kilowatt hours per POWER CO.

month is \$8.25. Private right-of-way Wisconsin-Michigan Power Company with about 8,750 customers in Michi-

exceeds \$150 per year per mile of pri-mary service line after which the min. structs rural lines without cash con-tribution from the customers where counties in the southeastern corner of pany with about 6,200 customers in customers in customers when the cost of the line is required.—Feb. 1, 1937.

The western part of the county was who grow and sell about one-third of cial protection for the farmer against not included in the proposed project the Michigan grain and bean crop, the failure of dealers storing beans or Celebration of the centennial year Work for REA Electric Line because service has been extended The Exchange, he continued, would there through a branch of the Michi-not be fulfilling its duty if it did not because service has been extended The Exchange, he continued, would grains for farmers. Grower Representation

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

n Michigan h heirlooms of all kinds. Many homemakers who own choice pieces of furniture are restoring them to new lives of beauty and usefulness. Old chairs

**Michigan Attics** 

**Yield Heirlooms** 

additional customers at \$100 per farm

tension.

of good design that were gathering dust in attics, barns and store rooms are having a new lease on life.

eachers in Michigan, and about as ation to construct farm electric lines wiring homes and other buildings, and areas to rural electrification under many in New York City.

**Garden Seeds** Farm Bureau's Tested Seeds ARE BEST VARIETIES FOR MICHIGAN Reliable 0 Vigorous Productive 0 • Priced Low **Buy at These** Farm Bureau Stores LAPEER PINCONNING HART IMLAY CITY BAY CITY Main and Henry Sts. SAGINAW 220 Bristol Street LANSING 728 E. Shiawassee St. HARTFORD Gleaners' Elev. Col MT. PLEASANT Co-operative Elevator TRAVERSE CITY Farmers' Co-op Ass'n PORT HURON Farm Bureau store, Court and 4th Sts

70 Miles of Original 200 Mile ki townships, and certain areas in a plant just out of Onaway. other townships. Project Approved for dep't has gone into Presque Isle to of the fact it is a farm group set up to Construction discuss with farmers various ways in serve a large rural area where elec-

With more than a year and a half which electricity can be used to ad- tric power has not been available. A of pioneering behind them, a group of vantage on the farm, and has given number of such areas are to be found Presque Isle farmers are about ready information regarding the cost of in Michigan. The success of this first There are more than 30,000 school to complete organization of an associ- building and constructin farm lines, venture may lead to opening of other

> with funds borrowed from the Rural cost of operating transmission lines. Electrification Administration at Upon organization, the Presque Isle Washington, and to carry on a busi- rural electrification association ex- Farm Electric Bills ness of distributing electric power. pects to file a petition with the Mich-The system now under consideration | igan Public Utilities Commission, urgis for 357 farmers along 70 miles of ing the "convenience and necessity" proposed line. Current will be pur- of the line so that a commission per- intangible property and incomes are chased from the Alpena Power Com- mit will be forthcoming to authorize other subjects before the legislature.

pany. Originally, it was planned to the group to operate. bring service to 607 farmers along 200 The Alpena Power Company was se- milk and bean marketing, the regulamiles of proposed line, which included most of the farm residents of the lected as the source of electrical en-

ergy on a competitive basis. The other sales, the control of the sale of filled A survey of that project was submit- bidder was the Rogers City Light Co. milk . ted to Washington. In the fall of 1935 First the power company proposed a from which the butterfat has been exthe Rural Electrification Administra- flat rate for all current purchased. tracted and replaced with much cheaption referred the proposition back with Washington officials, however, suggest- or cocoanut oil. the recommendation that all but 70 ed a step down rate schedule to give

miles of lines be eliminated for the the Presque Isle Ass'n an average under discussion by the Farm Bureau, present, leaving a starting group of wholesale rate for electricity of not Grange, Milk Producers Ass'n, Michi-357. This, the federal authorities more than 11/2 cents per kilowatt gan Elevator Exchange, Michigan Live said, gave promise of being on a pay- hour. ing or self-sustaining basis.

A revision agreed to by the power a meeting at the State Farm Bureau company offers the ass'n electrical en- in February. State Commissioner of Send REA Engineer

A second survey to include the 70 ergy at two cents per kilowatt hour Agriculture Burr Lincoln was present miles and 357 prospective customers for the first 3,000 KWH purchased each and expressed his support for the prinwas made in January of 1936. The month. The next 11,000 KWH are at ciples of some of the measures. REA sent one of its engineers to make 11/2 cents, and then one cent per KWH

its engineering survey, and upon his on up to 80,000 KWH. If more than recommendation the Rural Electrifica- 80,000 KWH are consumed by ass'n Grain and Bean Laws tion Administration approved the patrons each month, provision is made Asked by Elev. Exch. smaller set-up.

About 87 per cent of the farmers The Presque Isle group, capitalized beans to consumers, said Mr. Bass. agreed to take electric service, accord- at \$200,000 has as its first outlay an The uncertainty that exists as to the ing to the surveys. They expressed a estimated \$70,000 or more to construct reliability of the daily market quotawillingness to pay from \$2.18 to \$3.70 70 miles of farm power lines. per month for electricity. However Farmers Offer Quotas the number of miles of line construct-

ed, the number of customers contract- committee and the county agr'l' agent, ing the need of a state regulatory proing for service, the cost of service and farmers set up their own quotas of gram, Mr. Bass added. provision for paying off the proposed probable consumption for lights, wash-

REA loan will determine the minimum ing machines, water pumps, refrigermonthly bill. work, etc.

State College Helps

Acting on request of residents of The average amount the farmers where the situation in storage, Presque Isle county, the extension de specified as their individual obligation pickage, shrinkage, market quotations partment of Michigan State College was said to be within a few cents of and delivery of shipments threatens, and the dep't of agr'l engineering have the monthly average electrical con- the very existence of a healthy bean inassisted in the development of the ru- sumption which federal authorities dustry in Michigan, and prevents any ral electrification association, and in said would be required to make an un- constructive action by the entire inmaking the first survey in July 1935. dertaking of this nature a success. dustry

Power Companies Bid

The original proposal to serve 607 In its survey and report to the REA, Failure of the Michigan Bean Shipfarmers took in the major portion of the group showed Presque Isle county pers Ass'n, said Mr. Bass, to establish the farmers of Moltke, Bismark, Bel to rank high among the surrounding and maintain a daily quoted market knap, Posen, Metz, Pulawski and Kra- counties for quality of farms and for this fall for the first time in 40 years kow townships, and a few residents of paid up taxes. The average debt of illustrates the situation.

Rogers township south of Rogers City. Presque Isle farms stands at an aver-The Elevator Exchange, said Mr The area approved later by the REA, age of \$8 per acre. The county has Bass, represents 86 co-operative eleeliminated Bismark, Metz and Pulaws- about 11,100 residents. vators, owned by about 15,000 farmers

gan Public Service corporation, from become an active advocate for a constructive program. The Exchange leg-Considerable interest attaches to the islation proposes: The State College agr'l engineering Presque Isle farmers' project because

Grades, Markets, Storage

the commissioner of agriculture to That the state shall require compul- make appointments in this manner: sory grading and identification of all Three farmers from a list suggested bean shipments under officially estab- by the major general farm organizalished state grades. It shall require tions; three dealers from a list sugdefinite regulation of the procedure gested by the trade associations of used in making and publishing the grain and bean dealers, and a repre daily and future market quotations on sentative of the Michigan State Colbeans. It shall require provisions for lege from a list suggested by the colthe specific protection of farmers who lege. Terms of office for the advisory store beans or grain with dealers board members would be four years against the misuse of storage grain or each, terminating at different interbeans to private purposes, and finan- vals.



Have you ever been on the wrong end of this situation? . . . It's expensive to pay lawyers, court costs, and a judgment. 

What are your chances of never getting into such a fix? In ten months our 400,000 policyholders reported these experiences:

> 1 in 10, a collision loss 1 in 66, a public liability case 1 in 16, property damage loss

We paid over \$3,500,000 to settle these claims and protect our policyholders. DO NOT DRIVE without insurance. You may have an accident.

We have more than 400,000 policyholders and 7,000 agents in 35 States in this national Legal Reserve Company. Let our local agent explain our policy to you.

## STATE FARM MUTUAL AUTO INS. CO.

Bloomington, Illinois

MICHIGAN STATE FARM BUREAU, State Agent, Lansing

tion for beans, and the lack of protection accorded farmers storing grain In the surveys made by the county and beans are other matters suggest-Says Industry Threatened According to the Elevator Exchange,

ation, ranges, and motors for farm lack of morale and confidence between dealers in beans has reached the point



One

in 10

TELOCH DE

Has

on an

a

# NO CHEAPER DUST TREATMENT to control smuts, and increase oats yields



New Improved CERESAN treats seed oats at lower acre cost than any other dust. Yet it gives growers consistently excellent results - controls both loose and covered smuts; usually increases yields. In field tests, at a cost of about 5¢, it has increased the average yield more than 3 bushels an acre!

Give your oats the benefit of this treatment this year. Easy to apply by gravity treater without any labor of turning. Only half an ounce needed to a bushel of seed. Very little flying dust, No caking or clogging of drill.

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

TREAT SEED -IT PAYS

BUY FROM YOUR FARM BUREAU DEALER

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

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

Uncle Ab says that real prosperity bor involved in the sowing of such unis being rid of debts.

**NO SOIL BENEFITS CASH FOR USE OF UNADAPTED SEEDS** 

with whath translations and

Agr'l Adjustment Directors Explains Stand In Statement

vation because comparatively little nitrogen or organic matter would be de-Chicago-In order to make clear the provisions of the 1937 agricultural con. posited in the soil that year. servation program for the North Cen-"For these reasons, it seems desirtral Region, regarding the use of able to encourage farmers, to seed adapted seed, the following statement emergency pasture and forage crops was issued Feb. 5 by Claude R. Wic- such as sudan grass, rape, small grains kard, director of the North Central and soy beans if they are unable to obtain adap!ed red clover and alfalfa Division of the A. A. A.:

"Some confusion has arisen as to seeds. Su'n crops will yield more pashow payments to farmers co-operating ture and forage in 1937, and the farm in the 1937 agricultural conservation er will know definitely that he must program for the North Central Region make plans for his pasture and hay may be affected by their seedings of crops for 1938. "The program for the North Central

unadapted foreign and unadapted domestic red clover and alfalfa seed. Region for 1937 provides inclused "First of all, no practice payment of payments to meet the increase.l costs \$2.50 per acre for seeding alfalfa will of adapted seeds. It makes special be made if any unadapted alfalfa is provision for the seeding and harvestseeded on the farm in 1937. Likewise, ing of emergency hay and pasture no practice payment of \$2 per acre for crops to replace those crops which seeding red clover will be made if any were lost because of the 1936 drought. "Thus farmers in the North Central unadapted red clover is seeded on the Region are offered a definite incentive farm in 1937. 'o make the best use of their land un-

For Protection

"The provision of the North Central der the existing seed supply situation, Region program as described should and all farmers who obtain seed from be of great benefit to farmers from the North Central States are afforded many standpoints. States in the North protection."

Central area contribute a large propor tion of the domestic supply of adapted Honored red clover and alfalfa seeds, and the program provisions provide protection for all buyers of such seeds in that it discourages the sowing of unadapted seeds in the region. In favorable winters at least some of the plants from the unadapted seed might survive and produce seed in the second year thus providing an opportunity of contaminating the adapted strains now grown in the North Central area. On the other hand, if the unadapted seeding does not survive the winter, the farmer is not only out the expense and laadapted seeds but is faced with the LITTLE



# **MICHIGAN LOOKS** GOOD WHEN ONE TRAVELS AROUND

red clover might attain some growth Lack of Trees, the Deserts and Wasteland Make Their Impression

#### By Mrs. Edith M. Wagar

It has been some time since we made the California trip. As we look back upon it we realize as we never did before that this country of ours our Farm Bureau friends of the West is a large one of most varied interests. We spent one afternoon in western Nebraska. While still in the mid-west and in a state similar to Michigan in many respects, we soon found where

but few of us would attempt. Holding the state convention at the we differed. At same time as the national meeting and Grand Island we making both a success is no small job, were met by a caryet California did it. Yes, California avan of autos to did herself justice as a host and we take us for a ride. only hope we gave them something in Why they should return, if only our word of apprecia call that place tion.

praise song.

California Weather

I can readily believe that frost dam-

aged the citrus fruit crop of California

later in the season for there was a

night or two while we were there that

I would have been far more comfort-

able with a good Michigan Farm Bur-

eau bed blanket to get under. One

could be uncomfortably warm during

the noon hour and find his teeth chat-

tering as soon as it got dark. The lack

of twilight is something one would

have to learn to like before he could

join in the chorus of singing the usual

We were told a year ago if we would

only come to California we would nev-

er doubt their hospitality. Certainly

left no stone unturned in planning for

outdoor barbecue was an undertaking

our comfort and enjoyment. The great

Grand Island is be-

vond me, for I saw yond me, for I saw no evidence of wa- Newaygo Farm Bureau ter any place. As Sets Membership Goal we left the town I

got a glimpse of The Newaygo County Farm Bureau dozens of mules has set its membership quota for 1937 and found we were at 250 members. The County Farm mule industry.| Bureau, Junior Farm Bureau and co-

MRS. WAGAR operative ass'ns will join in the effort. Grand Island is the second larges There are five community Farm Bumule market i n the United States. Irrigation in Nebraska

the largest counties in Michigan. The lack of trees, the distance be-Newaygo County Farm Bureau oftween farms, the dusty country roads

made a Michigan visitor appreciate ficers for 1937 are: Nels Hansen, Ensley township, home all the better. We could easily president; David Brake, Dayton, vice see that we had had no drought when president; Mrs. Henry Kolk, secrecompared with other states. We were tary-treasurer. Other members of the taken to a farm where we could see board of directors are Fred Ackland for ourselves what it means when of Garfield, Howard Slade of Big they talk about individual irrigation. Prairie, Lynn Hathaway of Garfield, This man had an abundance of water Harry Stroven of Dayton, and Henry for irrigation purposes. He had put Kolk of Sheridan. Representatives of down a well where he could transfer the four co-operative associations of the flow from one field to another. Newaygo county are: Ed. Hall and The water level was not very far George Myers, Fremont; Burt Mcdown and there was lots of it. The Kinley, Grant; and Lee Twing, White system cost him about \$1,000, but he Cloud. Max Kempf' is the president said he had more than paid for it out of the Junior Farm Bureau. of his corn crop of this season alone.

Co-operation by city consumers is

growing rapidly.

WAR TUNII OVER 27,200 MICHIGAN FARMERS

SEVEN

cannot be wrong. They have insured in Michigan's Largest Farm Mutual Fire Insurance Company with over \$80,000,000 at risk. Assets and resources nearly One Quarter Million Dollars, over half of which is in cash. U. S. Government Bonds and Bonds guaranteed by the U. S. Government. Net in-crease in 1936 of 3,300 policy holders and over \$7,000,000 in risk.

Blanket policy on personal property which often pays double a classified policy. Liberal policy provisions. Losses satisfactorily adjusted and prompt-ly paid. Insurance classified and assessed according to hazard. Rate as low as \$2.94 per \$1,000.

DON'T JUST BUY INSURANCE - BUY PROTECTION, For further infor-mation write Home Office.

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



reaus operating in Newaygo, one of BETHANIZED FARM BUREAU FENCE is protected by an electrically-applied coating that was perfected four years ago and has been thoroughly tried out under every imaginable combination of adverse conditions. The bethanizing process brought an entirely new idea of the durability of a zinc coating by incasing wire in a tough, uniformly thick 99.99-per-cent-pure zinc armor that would stand the severest bending without cracking or peeling.

> PURITY OF ZINC MEANS HIGH WEATHER RESISTANCE. Scientists have determined that pure zinc is immune to attack by the elements. It is impurities that cause coatings to weather away. The bethanized coating is the purest zinc ever manufactured commercially-and is of the same high weather-defying purity all the way through with no layer of zinc-iron alloy to cut down its life.

> You pay no more for this exceptional fence value. It sells at the same price as ordinary fence with far less to offer in rust resistance.

FARM BUREAU SERVICES, INC. LANSING, MICHIGAN

# **CONSUMERS CANNOT EAT** LIVE ANIMALS



President Jakway of the Michigan State Farm Bureau has been named a damage done by an early snow storm candidate for the State Board of Agriculture at the spring election April 5. The board directs the affairs of the ped their leaves in the fall and the Michigan State College. Mr. Jakway is a graduate of the agricultural department of the college, class of 1887. Soon after graduation he made fruit farming his life work. and has won honors for his proficiency in that field. In 1912 the College con-

ferred upon him the degree of Master of Horticulture. In 1936 he was award-

d the Certificate of Merit of the West-

J. J. JAKWAY

and sowing emergency forage crops in

the second year. Moreover, these emer-

gency crops will be available for pas-

ture or forage at a later date in the

of adapted red clover and alfalfa.

second year than second year stands

No Soil Conservation

in 1937, not much would be accomplish-

ed from the standpoint of soil conser-

"Although the unadapted alfalfa or

ship although we well knew there were dozens of farmers in that township who do not have this service and therefore had no corn crop. We were pained to see the great



MOTORS

DO

BIG



# -water pumping is a useful example

Running water in the home, barn or outside is . one of the most used and helpful things about the farm.

ELECTRIC pumping gives you automatic, 24hour, LOW-COST service - - cuts out the old pumping, priming, lifting, carrying - - does a big chore with little effort. Electric water heating added to this makes the perfect combination.

Customers of this company are invited to get the facts on how cheaply and easily these services can be had.

> WRITE - - OR CALL AT OUR NEAREST OFFICE

NSUM POWER COMPANY

of the state of Utah agriculturally ern Michigan Horticultural Society. His farm home is near Benton Har-Mr. Jakway's business interests have included service on the boards of directors of numerous business institutions. In public service, he was a member of the State legislature of 1912-13, and has been supervisor of Benton township,

Berrien county, continuously for 28 years. Mr. Jakway has said that he favors the improvement and expansion of the services of the State College, its experiment stations and extension service.

#### Michigan Produced 12 Million Bbls, of Oil

bor

Nearly twelve million barrels of crude oil and seven billion cubic feet of natural gas-that was the aggregate production of Michigan's oil and gas fields in 1936, says a report of the state geologist here.

The legend of Hiawatha is laid in Michigan. Longfellow adopted the metre of a Polish saga. Names of Michigan communities that appears in Hiawatha . . . Osseo . . . Oshtemo . . Escanaba.

when less than three per cent of its soil is under cultivation. How I wish the mechanical folks within our organization could see the vastness of the Boulder Dam. It's al-

The pump was operated by electricity.

We saw why Senator Norris has long

been a convert to the cause of rural electricity. We were told there were seven such farm plants in that town-

Difficult for Trees

to trees and shrubbery in Denver.

This came before the trees had drop-

excessive weight on them caused

many broken limbs. It will take years

of careful attention to bring back the

beauty of Denver's streets, for every

tree must be planted and given special

nursing in order to grow there at all.

west is the bread basket of the na-

tion, for one cannot expect very

As we made our way westward we realized more and more that the mid-

most beyond comprehension. We were told that those great stretches of level desert lands between the mountain ranges only lack the irrigation that eventually will be available, to be made highly productive land. One-

third of the electricity now used in Los Angeles is supplied through the Boulder Dam system, when once it operates full capacity its power will be spread over the entire southwestern section.

#### Nevada Farm Organization

We were met by representatives of the Nevada Farm Bureau and were told that in that very county was a thriving county organization. If this be true and we have no reason to doubt them in the least, any county in Michigan should be 100 per cent en-

rolled for there was nothing visible whatever upon which to build a farm organization. Yet in the parade of states at the convention, Nevada was there with all counties represented, and one county with 100 per cent membership at that.

# Farm Bureau Paint House Barn Roof Enamel Varnishes



ONE GALLON OF FARM BUREAU HOUSE PAINT will cover 300 sq. ft. two coats on average surfaces. It's a job that settles the paint question for many years. Our house paints are a combination of lead, zinc, and inert with pure linseed oil and thinners. Good paint makes the best wearing and the cheapest job.

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

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

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



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

CITY consumers cannot eat live cattle, hogs, sheep, and calves. Livestock must be made into meat before it can be eaten by the consumer.

In order to change livestock into meat, many services must be performed. These cost money. The number of services required by consumers is far greater in the United States than in Europe. For example, in the United States, the hog is separated into dozens of different cuts. Bacon, hams, shoulders, and other cuts are wrapped attractively, some in transparent wrappers. The Danish hog is cut into two sides and is sent to England where it is known as "bacon." These, along with other similar economic factors, explain the reasons why the "spread" between what consumers pay and producers receive is wider in the United States than in Sweden, Denmark, Holland, and other European countries.

In spite of the greater services demanded

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

#### 76.0 cents went to producers of livestock and other agricultural products

- 10.6 " went for Labor (including wages and salaries)
- 3.4 " went for Transportation
- .2 " went for Interest
- 4.1 " went for Supplies
- 4.2 " went for Rents, Taxes, Refrigeration, Insurance, Pensions, Traveling, Telephone, Telegraph, Stationery, Depreciation and other expense items Balance remaining with Swift & Company:
- 1.5 " Net Earnings

100 cents

Swift & Company Over a period of years, Swift & Company's net profits from all sources

have averaged only a fraction of a cent per pound

#### EIGHT

#### MICHIGAN FARM NEWS

No clover produces better than

Michigan grown...That's all we

handle. All varieties & A-1 stock.

SATURDAY, MARCH 6, 1937

# **NEARLY HALF OUR FARMS NOW HAVE ELECTRIC SERVICE**

11,500 Were Connected in 1936; Figure Should Double in 1937

Leading the rural electrification parade all through the depression, Michigan continues in better times to blaze the electrical trail toward a higher standard of living in the farming country, says D. L. Runnells, agr'l editor of the Grand Rapids Press.

The Edison Electric Institute informs us that in Michigan 11,502 farms were connected to electricity in 1936. December 31, 1936 the grand total of Michigan farms served by rural power lines was 62,378.

Much Construction Under Way On that date one principal power company had 300 miles of farm lines in various stages of construction. They averaged 5 customers per mile. That company has 60 rural line building crews in the field.

Some 15,000 Michigan farm homes were assured electric service under the several applications of the Michigan Plan in 1936. Under that plan power companies build the lines at their own expense where there is an average of 5 customers per mile. Some companies require a monthly guarantee minimum bill. Others do not. January 1, 1937 the Consumers Power dropped the requirements for an average of 5 to the mile.

#### **Rural Electrification** In Michigan

The following table, based on figures compiled by the Edison Electric institute, chart the growth of rural electrification in Michigan by years:

ALCOND. ALCOND. ALCOND.	Farms	Year's				
Dec. 31	Served	Gain				
1923	2,996	ETERS STORES				
1924	3,700	704				
1925	5,200	1,500				
1926	6,800	1,600				
1927	11,600	4,800				
1928		7,300				
1929		5,333				
1930		5,636				
1931		4.361				
1932		2.281				
1933		2,599				
1934		3,042				
1935	50,876	8.724				
. 1936*		*11,502				
*-Incomplete.						
		Street Street Street				

Two principal companies-The De troit Edison and the Consumers, serving three-fifths of rural Michiganlast year announced that under the Michigan Plan they intended to build lines to bring service to 52,500 addi tional rural customers in 1936 and 1937.

The picture of farm electrification in Michigan is that during every working day of 1936 about 37 farms were connected to electric service. The several power companies approved for construction nearly 3,500 miles of line. Every day the sun went down about 50 additional farm families were assured of electric service.

Michigan Ranks Third With 62,378 farms receiving service, Michigan now ranks third among the



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

Speak to your Co-op now for Farm Bureau husking and ensilage corn, soy beans.

> **Crop mixture: Variegated** alfalfa with June & Sweet clover. Priced right. Bargain.



# BE SURE WITH FARM BUREAU SEEDS

PRICE AND SCARCITY OF JUNE CLOVER MAKES OUR MICHIGAN VARIEGATED ALFALFA THE BUY

> Michigan Variegated is from fields of Hardigan, Grimm, etc. It's a great hay producer



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

Cert. Wolverine oats, light soils; Worthy for heavy soils. Barley: Spartan & Wis. No. 38





Up to 70 EGGS PER DAY per 100 hens throughout the winter is reported for flocks on Mermash.

COLD WEATHER, lack of sunshine

states, although it is first in new customers added for the year. California is first with 92,148 farms. New York is second with 69,189-only 6,811 ahead of Michigan. By adding 11,502 farms to its lines in 1936, Michigan narrowed the gap between second and third places.

This state has been gaining on California and New York in every year since 1929-the year when Michigan began leading the rural electrification parade in the entire country. At the rate utility companies have been building lines and approving applications for rural lines since Jan. 1, Michigan is bent on retaining its No. 1 position in new customers added and new construction completed. This state is rapidly approaching the half way mark in rural electrification.

#### **Jackson Annual Meeting**

Jackson-The 16th annual meeting and dinner of the Jackson County Farm Bureau at the First M. E church here was attended by 147 members. J. F. Yaeger and Paul Begick of the State Farm Bureau spoke. The Napoleon, Michigan, high school orchestra played, and Charles Hayer gave readings. Officers elected were: Arthur Perrine, Rives Junction, president; Arthur Landon, Springport, vice president; Leland Cuff, Jackson, secretary; George House, Jackson, treasurer; directors, Mrs. Ruth Day, Dennis Cobb, Nina Loomis, Bert Phelps, and LaVerne Wheeler.

#### **CREDITS ON PURCHASES** Help Pay Farm Bureau Dues!

NOTICE TO MEMBERS: Purchases of Farm Bureau Brand dairy and poultry feeds, seeds, fertilizers and fence from your local dealer; also, purchases from our clothing and blankets dep't at Lansing, 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 goods are entered on slip as "Farm Bureau Alfalfa," "Millmaker." "Mermash,"

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

Life members receive their Mem-bership Credits in cash once a year. We furnish addressed, postage pre-paid envelope for this

pre-paid envelope for this purpose on your request.

MICHIGAN STATE FARM BUREAU Lansing, Michigan



EXTRA VALUES

Quickly available.

insure perfect drilling.

agricultural colleges.

The most profitable item in crop production this year will be fertilizer. Crop prices are strongly up, but fertilizer costs very little more.

WE HAVE RECOMMENDED fertilizer analyses for every Michigan crop and soil condition. Our plant food materials and analysis follow the recommendations of the agricultural colleges.

IF IN DOUBT about the proper analysis for your conditions, see Michigan State College Fertilizer Recommendations for 1937. Your county agricultural agent and co-op ass'n manager will have a copy.



MERMASH PRODUCES HIGH QUALITY EGGS

lowers vitality and egg production. Mermash has what it takes for peak production.

SEE THE FORMULA ABOVE for the superior ingredients that make Mermash the profit making ration.

# Mermash Raises Such **Good Chicks**

Mermash 16% protein is a starting, growing and laying dry mash. A life time mash to be fed from the first feed the baby chick receives and continuing as the egg laying mash for the producing hen. No supplement is needed. You can buy Mermash at 300 farmers' co-op ass'ns and from

Farm Bureau dealers.

Mermash feeders expect fast growing, healthy chicks . . . and a minimum of chick losses.

They expect heavy broilers and well developed pullets. They expect hens that are steady producers and laying when eggs count for most. Since we have so many veteran customers, it is reasonable to say that they are getting what they want from Mermash. Start with Mermash this spring.



