# STATE TO OBSERVE T. B. ERADICATION AT BIG MEETING

Await Dairymen at College, Sept. 19

1,000 Head Monthly at Good Prices.

lege, the designation August 1 of Mich- gates to take part in its sessions. igan as a modified accredited area, free from cattle tuberculosis.

It would be well for those planning to L. Anthony, State College, East Lanmodations will he had.

of the Bureau of Animal Industry at preside at two sessions. Washington, and Doctor Mayo of the Mayo Bros. Institute at Rochester, FARM BOARD IS

Aside from increasing the health value of milk to consumers, said Prof. Anthony, tuberculosis eradication has been of immense value to owners of dairy cattle. Demand for Michigan T-B free cattle has become great. It is estimated that 1,000 cattle have been sold out of the state per month No for the past five years. It is believed that the value of such shipments passes \$1,500,000 annually. It is also considered that T-B eradication is bringing Michigan cattle owners 25%

Exchanges, and other organizations.

Since 1917 some 185,070 herds in 83 Michigan counties have been tested. They numbered 1,506,940 head. Some 58,324 reactors were found, slaughtered and their owners indemnified. Average T-B infection in cattle of 4% has been reduced to less than one-half of 1%,

to complete the work. South Carolina The Board has loaned about \$180,and Maine, with relatively small num- 000,000 of its \$500,000,000 revolving

# DROUGHT RELIEF IS NEEDED BY 198 **NEARBY COUNTIES**

Feed To Distressed Cattle.

eight counties in the five States, Vir- for example, the co-ops were pretty ginia, West Virginia, Maryland, Ohio much competing with each other. and Indiana, were named today by Secretary Hyde as a partial list of those areas in which the drought has to organize the local co-operatives by resulted in a serious shortage of feed their commodities into state or for livestock. This list was sent to the regional groups, and finally the American Railway Association in regionals into a national sales organorder that the emergency freight rate ization so that competing between the authorized by the Interstate Commerce units may be eliminated. In that Commission might be put into effect at National Grain Corporation, for exonce. This reduction of fifty per cent ample, some 2,600 local elevators is on feed shipped into the drought have been affiliated to date. area and on livestock shipped out to "Likewise, potatoes must be organ-

a partial list of the drought damaged area and lists covering other States are cars of early potatoes annually in a gathered by the department from crop time that we can assure Buffalo, Chi-

of cattle to market. Likewise, special an orderly market. rates apply only to feed shipped into the area because of feed shortage. It that feed is needed or that the live- industry will help that. stock must be moved out to be fed. Through the railroad agent, permits duced rate will be issued."

## 3,000,000,000 Pickles

An average yearly production of about 3,000,000,000 cucumber pickles in the United States is some evidence that the American public is fond of good pickles, and it is probable that consumption could be stimulated, the United States Department of Agriculture says. The another than the state of the state els, and returns more than \$4,000,- fell to 32c because of surplus stocks 000 to the growers.

#### Newton To Arrange Farm Tax Program

Further recognition of the prominent part which the Michigan Farm Bureau is playing in farm tax matters was given on August 17, when R. Wayne Newton, Director of Taxation Noted Speakers and Banquet a farm tax program for the National for the Bureau was invited to arrange Tax Association.

The National Tax Association has stood for many years as the leading organization devoted to discussion of CATTLE DEMAND GROWS tax prolems, and has a membership consisting largely of tax officials, Believe Farmers Are Shipping economists, and tax attorneys. Its sessions are quite generally regarded as of great significance, and the future trend of state and national tax legislation is frequently shaped by the out-Michigan dairymen are to celebrate come of deliberations held under its September 19 at a banquet at the auspices. It is customary for each Union Memorial building, State Col. State to send officially accredited dele-

Mr. Newton has officially represent ed the State of Michigan at several The banquet, open to all dairymen, sessions of the Association. In 1927 is at 6 p. m., Friday, September 19. he was a member of the resolutions committee; in 1928 he appeared on attend to send a postcard to Prof. E. the program, speaking on the subject "State Supervision and Equalization sing, to assure that sufficient accom- of Local Assessments"; and in 1929 he was called upon to arrange a full day's Speakers will be Mr. Mohler, chief program on farm taxation; and to

# MOST POWERFUL **BODY IN NATION**

Board Has Ever Had Such Authority Given it.

Cadillac-"The Federal Farm Board more for their stock than cattle of has had conferred upon it more power equal quality brings in states infested and authority than has been bestowed with more or less cattle tuberculosis. upon any other board or commission Agricultural interests which sup- in the history of the nation. Such ported the tuberculosis eradication power and responsibility begets confrom start to finish and are now co- servative action and the Farm Board operating in the celebration Septemis and has been conservative, yet its ber 19 include: The Michigan Depart- activities and development to date ment of Agriculture, Michigan State have been stupendous," said Dr. F. B. College, Michigan State Farm Bureau, Bomberger, member of the Board Michigan and National Live Stock staff, who discussed the relations of the Farm Board and the Potato grower before the Potato Exchange annual meeting here August 20.

"This small board has been called upon during the past year to review and act upon requests for agricultural loans that would average \$500,000 per the requirement for a modified ac- day for that period, including Sundays and holidays. There are some Michigan is the first big dairy state 12,000 co-operatives in this country. bers of dairy cattle, completed the fund to date. Many loans made have work in 1928 and 1929, respectively. been paid off and the fund is revolving. As your Exchange knows, the Board, although it works under tremendous pressure, is very conservative with its loans, as it should be. It has had some very unusual requests, but if a co-operative organization comes to the Board with a reasonable request, and is qualified, they are pretty sure to be taken care of.

"First thing that the Farm Board Sec'y Hyde Acts To Get found was 12,000 co-ops in this country, doing some 3 billion dollars business annually. Some were independent locals only, others were affiliated in state or regional groups, Washington-One hundred ninety- and within any commodity-wheat

> Farm Board Plan. "First plan of the Farm Board was

ized. I am familiar with the Eastern It was pointed out that this is only Shore of Virginia Potato Producers being compiled from information space of 60 days more or less. Any reporters, county agents and other cago, and other markets that there "These freight rates," the Secretary emphasizes, "apply only to livestock shipped out because of shortage of the day, our potatoes sell themfeed and do not apply to the shipments selves. All dealers like that kind of

is a relief measure and not a general cause dealers and co-operatives in all freight rate reduction. A county agent parts of the country were out to sell or other representative will certify their potatoes. Organization of the

Second Task.

"Second big job of the Federal for the shipments at the special re- Farm Board is to enable farmers to control their production. Since the war we have been producing surpluses. Some eastern co-ops have found

ment of Agriculture says. The an- of the Farm Board was to loan the nual crop is grown on about 74,000 Land O' Lakes Creamers millions of acres, yields about 4,000,000 bush- dollars last spring when butterfat (Continued from page one)

# Candidates' Message To Farmers

The Farm Bureau News takes pleasure in presenting to Michigan farmers an exclusive statement to the News for Michigan farmers from each of the Republican candidates for Governor. The statements are presented without comment on our part. Inasmuch as there is no contest on the Democratic ticket, Mr. Comstock did not submit a statement.



EDWARD J. JEFFRIES

Falling prices are the cause of our agricultural collapse, and agricultural collapse is the cause of industrial collapse. The producing world is on the flat of its back. Under our industrial system it can only rise again with rising prices. The purchasing power of agricultural products is hardly able to pay taxes and interest; no margin is left in the pockets of 30,000,000 farmers to purchase manufactured goods; hence, the idleness of the cities' millions.

The orthodox way of getting money into circulation is closed. This is why big business is saying nothing. It is afraid to advocate a remedy which seems new. There is but one remedy to prevent the American farmer and laborer from falling to the level of his European brother, and that is the stabilization of farm products above a deadline which will create a purchasing power at least equal to meet his taxes and inter-

Neither the farmer, the laborer, nor the small business man has any security left on which to borrow money. The several political divisions of the nation are now almost bonded to their limit, making further loans for public 1mprovements not only aggravating to the situation but in fact menacing to the financial integrity of these public securities by increasing the burdens of taxation, now nearing the point of confiscation. The gradual sinking of prices and a limited market for manufactured products is not inviting money into the open but rather driving it to cover.

The official advice to the farmer to decrease the size of his crops will not enrich him any but will impoverish the nation. It is likely to create starvation and to ruin the entire business life of the country! It is not decreased acreage, but increased prices for farm products that will bring re-

I believe in such national legislation as will authorize the government to buy the entire wheat crop of the nation at \$2.00 a bushel; a tariff which will prevent the importation of wheat for less than \$2.00 a bushel; and governmental sale to the consumer at \$2.00 a bushel, the surplus to be sold in the markets of the world at a time when it will bring the highest market price. The farmer is to be charged with the difference between the domestic and foreign price. On the basis of 800,000,000 bushels a year, 90 per cent domestically consumed, it would net the farmer about \$1.90 a bushel. Normally, as the price of wheat goes, so goes the price of other farm products in sympathy. The Northwestern farmer, who is now selling his wheat for 60c a bushel, would increase his income three-fold. Such a standardization will double the purchasing power of 30,000,000 farmers, creating billions of dollars of purchasing power, thus immediately causing a demand for manufactured products and the return of pros-

This would solve the problem of taxation in Michigan! This, coupled with an honest, progressive and efficient public service, will remove most of our vexing problems. When people are prosperous and cheerful, confidence is restored

and crime diminishes. I am running for the Governorship to crystallize public sentiment in favor of the stabilization of farm prices. If elected, I will use the prestige and power of this high office to create such a public senti-



ALEXANDER J. GROESBECK

Alex J. Groesbeck, who is one of the candidates for the Republican nomination for Governor declares that if he wins the forthcoming election that he will wipe out the deficit that has been created by the present administration and that he will restore economy in the conduct of the state's business.

He has also declared that he will see to it that the law enforcing agencies of the state function again. He has declared that he will resume the construction of trunk line highways so that all important centers of the state will be connect-

ed by hard surfaced roads. He has promised to take up the building program at various state institutions where it was left off when he retired from office four

Governor Groesbeck points out that his record as governor is sufficient proof of what he will do if elected again. He points out the fact that the state tax in 1922 was \$17,305,000, in 1923 it was \$16,000,-000, in 1924 it was \$15,000,000, in 1925 it was \$16,500,00 and during his last year in office it was \$17,-500,000. These years were all under his administration. The next year under the present administration it jumped to \$24,800,000, in 1928 it was \$20,500,000 and in 1929 it was \$29,500,000. The state administrative board has refused up to the present to fix the state tax for 1930, but it is believed that it will be many millions more,

Alex Groesbeck is the one candidate for the nomination who says that the state tax can be cut, that economy can be restored in the state government's business and that the development of the state can again go forward.

#### Potato Exchange Resolutions

Resolution favoring payment of taxes in equal installments in May and December rather than payment due in December as at present, with penalty attached if not paid early in January, was adopted by the 12th annual meeting of the Michigan Potato Growers Exchange at Cadillac, August 21.

Speakers favoring the resolution said that all taxes coming due in December forces farmers to sacrifice their potatoes to make the full payment, and that the short period allowed before penalty attaches aggravates the situation.

A resolution rejected by the resolutions committee but introduced from the floor, asked an increase in tolerance in U. S. potato grades. It was rejected by the delegates.

## Potato Exch. Officers

George Herman of Edmore and E. A. Rasmussen of Sheridan were re-elected to the Michigan Potato Growers Exchange Board of directors at the annual meeting at Cadillac, August 21. Other directors, who were not up for election are Henry Curtis, Cadillac, president; O. E. Hawley, Shelby, sec'y; Jos. T. Bussey, Lake Leelanau, vice pres.; L. G. Van Liew, Bellaire and O S. Wood of Barryton. Mr. Herman is treasurer.

## Some Loss!

One common barberry bush caused an estimated loss of \$50,000 to the grain farmers in Decatur county, Ind., in 1922. The bush was removed and a check up each year since has shown a decided absence of black-stem rust on the grain in that vicinity.

ment that no Senator or Congressman of this state dare vote in opposition to legitimate farm relief.



WILBER M. BRUCKER One of the chief problems con-

fronting the State is that of taxation. Real property is now bearing a burden entirely out of proportion and it shall be my purpose if I am elected Governor to set about finding a way to reduce the heavy burden now carried by the farmer and the small home owner. If the regular session of the legislature fails to find a solution and does not lift this burden and distribute it more in accordance with the equities I shall not hesitate to call a special session for that purpose. I shall insist that something be done to relieve the owner of real property. The present patchwork system of taxation needs to be replaced with a coherent system which will distribute the load in a fashion that will compel all classes of property, both real and personal, to bear its share of the cost of gov-

I have practiced economy all my life. I believe in the kind of economy that gives dollar for dollar value. I believe in adhering to a pay-as-you-go policy in expending the State's money. I do not believe in that kind of economy that will procure a low tax rate and at any of the functions of government. The true test is how the money is spent and what you obtain for it and not how high or low the tax rate may be fixed. It is not economy to set a low tax rate if you fail to obtain one hundred cents worth of value for every dollar spent. I believe my training and experience will enable me to obtain full value for every tax dollar expended.

I am not in favor of abandoning any part of our state-wide highway program. Any division of tax moneys beyond that now obtaining or any reduction in revenues will seriously hinder the rapid expansion of our state trunk line highway system. I believe there is a serious need for more rapid construction of concrete highways in all parts of the state and especially outside of the metropolitan areas. The upper end of Michigan, the Thumb District and the Upper Peninsula generally have not yet been given their fair share of improved highways. We should not now break faith with our people and abandon our plans for a state-wide network of highways.

Public improvements should be conducted when unemployment occurs. Prison labor must not be labor, especially at times like the present

I stand for a new kind of law enforcement that will not permit hardened criminals to be pardoned or paroled without reason and in an indiscriminate fashion. The power to pardon, parole or commute criminal sentences shall not be abused

Public institutions have been sadly neglected over a long period of time. The burdensome expense imposed upon the counties by reason of the State's neglect should be rightfully assumed by the State. Our state institutions should provide sufficient facilities to care for our public charges. It is not true economy to neglect buildings for which the taxpayers have paid.

in my hands.

## MICHIGAN TRANSPORTATION

proved highways. 935 trucks and corn crop. trailers are operated over 9,932 miles EDWARD J. JEFFRIES. operated over 19,306 miles per day. what we do than from what we hear.

## Farmers Invited to Spud Experiment Farm

Lake City-Ashley M. Burridge, former director of short courses and Farmers week at State College, now in charge of the 640 acre State College experimental potato farm near Lake City, at the Potato Exchange meeting August 20 invited all interested farmers to visit the place, and to be shown around.

The farm is carrying on many experiments concerning potato produc- LICENSE ACT TO HELP tion which are well worth seeing, inject which produces potatoes and eliminates the quack.

The farm has a dairy herd and is carying on investigational work along that line to fit northern Michigan conwinter shelter into which cows can go has been rapid growth in co-operain fall and come out again in the tive marketing organizations. Much

and getting facts of interest for farm- for wheat, cotton and livestock. ers. The farm is located on state high- Such work is under way for potaways 55 and 66, south of Lake City. toes," said Mr. Fred Hibst, manager State trunkline 142, one mile in of the Michigan Potato Growers Ex-

# **PERPLEXING TIMES** CALL FOR SOUND **FARM JUDGMENT**

Sec'y Brody Discusses Basic Policies Before Potato Growers.

"These are perplexing times for all walks of life, including the farmer,' said Clark L. Brody, sec'y of the Michigan State Farm Bureau to the Michigan Potato Growers Exchange at its annual dinner at Park of the Lakes near Cadillac, August 20.

"Perhaps we wonder if there is a way out. However, in all such crises, if we but look deep enough there are certain fundamental truths that we can lay hold of and anchor safely. see three basic policies for farmers

"First, what we produce, we must produce efficiently. We must keep up on the best practices, for in these days there is little hope for profit

"Second, In the last 15 years we have seen the United States come from no agricultural policy to the the same time cause us to neglect tive marketing is so fast that the farmer who turns his back on it is likely to find himself in a difficult position.

ress in the next 10 years is at the dealers in perishable agricultural rate as in the past 10 years, we are commodities to carry a Federal lilikely to find co-operatives doing work we would not dream of today. of the U. S. Dep't of Agriculture is It is not unlikely that such an organization as yours within the next 10 years may have a way to regulate and receiver," Mr. Hibst said. and control production of potatoes. It is sound logic for farmers to hold fast to their co-operative marketing ing of perishable agricultural com-

"Third, It is sound business for farmers to maintain strong general service organizations such as the Farm Bureau and Grange and Farmers clubs. They represent farm people on such highly important questions as taxation, highways, railroad and other transportation matters, in the legislature, before public commissions, utilities and in a score of other fields where farmers have interests to be advanced or protected.

"As an example, I quote you the Farm Bureau's position in the coming prospective revision of our state tax laws, and which we have stated before the State Commission of Inquiry into State Taxation, and which we are carrying to the people:

"We find that of the farmer's dolbrought into competition with free lar paid in taxes 35 cents is for school taxes, 32c is road taxes, 19c goes for other local taxes and about 13c is his state tax.

"We say that any new sources of state revenue should be directed to relieving the big items-school and road taxes, rather than the state tax. For example, \$1 of new revenue applied to wipe out the state tax can save the farmer only 13c; applied to wipe out local road and school taxes, it can save the farmer 67c.'

# Milk Producers Get 18

Kansas City-Members of the the state. Pure Milk Producers Ass'n find The Exchange shipped its first car themselves getting \$2.10 per 100 lbs. August 27 at excellent prices. On a of milk, or about 18 cents per gal- subnormal market local buyers were WILBUR M. BRUCKER. lon, while the consumers are pay- soon paying 25 to 40 cents premium ing about 52 cents per gallon. Pro- for potatoes, hoping to realize on the ducers insist that the distributor can short market and also take potatoes pay more without increasing the away from the co-operatives. Later In addition, Michigan has 8,398 miles price to the consumers. Producers business depression, which they could f steam railroads, 280 miles of election their production costs mounting not foresee, caused the buyers heavy ric railroads, and 21,000 miles of im- due to drought, dry pastures, short losses.

per day and 834 passenger busses are Uncle Ab says we learn more from change each morning prepares a daily

# HIBST REPORT IS **VERY ENCOURAGING** TO POTATO CO-OPS

National Organization Of The Potato Industry Fostered By Farm Board.

cluding a quack grass eradication pro- Holds 1929-30 Prices Up

Despite Speculative Interests.

Cadillac-"Since the appointment ditions, which includes an inexpensive of the Federal Farm Board there has been accomplished in the forma-It is raising turkeys in confinement tion of national sales organizations length, extends into the potato farm. change, in his annual report to the 12th annual meeting of the Exchange at Cadillac, August 21.



FRED P. HIBST, Manager Potato Exchange.

"The percentage of potatoes handled co-operatively in the United States is still very small, more of the heavy producing states must be organized before a national co-operative potato marketing set-up can be formed. The Farm Board has position that through the Federal had two meetings for co-operative Farm Board co-operative marketing potato sales organizations. At presis the agricultural policy of the gov- ent Wisconsin, Nebraska, Wyoming ernment. Co-operative marketing is and Kansas are doing co-operative sound and is here to stay. Progressive farmers will become part of the
growers in Idaho, Minnesota and movement. Progress in co-opera- Maine are getting active, The future looks bright for the co-operative marketing of potatoes.

Mandatory License Act

"I believe that if co-operative prog- mandatory license act requiring all the most forward step in years for the protection of the honest shipper

> "The act should stop unfair and fraudulent practices in the marketmodities, such as potatoes. By Dec. \$1, 1930, every dealer must have a license. For violation of the Act he is subject to fine and possible loss of his license and privilege to do business.

> "The act will do much to eliminate rejections on market decline, failure to account for sales, crooked grading on receipt, dumping or destroying goods without cause, etc.

"Even this early the Exchange has had three instances showing its worth. Cars of potatoes were rejected recently as not up to grade. U. S. inspection proved that they were up to grade. Complaint was made to the U. S. Dep't of Agriculture and presently the cars were ac-

Continuing, Mr. Hibst said concerning co-operative sales of potatoes and other services in behalf of organized Michigan Potato Growers during the 1929-30 shipping season just ended:

1929-30 Crop Short

Drought cut into Michigan's 1929 crop very heavily. Due to the short crop and great increase in truckers' activities, carlot shipments from Michigan for the season just ended were 6,167 cars as against 14,189 cars for the previous year. The Exchange shipped 1,197 cars last year or 19.4% of the total for the whole state, which Cents out of 52; Kick means a much greater per centage for for the Potato Exchange section of

Market Information

Mr. Hibst reported that the Ex-

FERN DAVIS ......

due. I accompanied Mr. Hibst to Wash-

price obtainable.

Tomato Held Poison

uct is found on nearly every table.

methods employed in packing. Gov-

#### MICHIGAN FARM BUREAU NEWS

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50 cents per year, included in their annual dues. E, E, UNGREN ...... Editor and Business Manager

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# **Editorials**

## WE CONGRATULATE THE POTATO GROWERS EXCHANGE

The Farm Bureau News congratulates the Michigan Potato Growers Exchange on the growth that it has attained in the past twelve years and on its record of service to the potato industry

The importance of the organization to Michigan farmers who depend upon potatoes can scarcely be overstated. It is the instrument of progressive growers, banded together for the purpose of producing a superior product, and for marketing it in an orderly manner, under a recognized tode name, so that they may receive the full market value for their work. Not only that, they have a program for constantly improving that market

Without such an organization they were entirely at the mercy of the speculative element. With it and through it they are assured of a square deal. Through the organization development that they have made through the Exchange, organized Michigan potato growers find themselves the first potato organization in the United States qualified to work with the Federal Farm Board. The proof of that pudding lies in the fact that the Exchange has completed one business deal with the Board, involving a loan of \$46,000, which was repaid before it was due. The future looks good.

Similar congratulations are due the Michigan Certified Seed Potato Producers Ass'n for the remarkable record that it has made in the past seven years. With 400 members it is the largest organization of its kind in the nation, and qualified to work with the Farm Board.

The Farm Bureau News takes pleasure in presenting to Michigan farmers a full report of the Potato Growers 12th annual meeting, as reported in our news columns. Several hundred potato growers were at the convention. Through the News thousands of Michigan farmers who could not attend can read what was said and done at Cadillac.

#### Farm Bd. Possesses Enormous Power

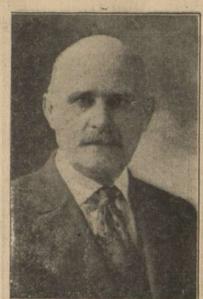
eries took the butter off the market and the price worked up to 34 and 35 loaned 1,020 traveling libraries to schools, clubs, granges, libraries and and cool weather. Belgium has been Milk Producers Ass'n, which market and cool weather. Belgium has been Milk Producers Ass'n, which market and cool weather. the market and repaid the loan. That tures were circulated to schools, cluss, has been done by the excessive rainiob benefited every dairyman" libraries and individuals. job benefited every dairyman." libraries and individuals.

MICHIGAGN STATE LIBRARIES Michigan receives book service from the Michigan State Library. Statis-

# Potato Exchange Has **National Recognition**

Farm Board, Potato States Federal Farm Board for a loan and Are Using Michigan's Experience.

Cadillac-"The Michigan Potato ington to apply for this loan and heard Growers Exchange is receiving more the Farm Board in open sesion speak GOES TO LEGISLATURE Home hour, broadcast during the more recognition throughout the and more recognition throughout the with high praise of this Exchange, country, especially among co-opera- complimenting us for the good work tive marketing groups, produce ex- we have done in this community, and changes, the produce trade in general, congratulating us for weathering the the Federal Farm Board, and state storms that have been so hard on podepartments of agriculture," said tato associations during the past few Pres. Henry Curtis, addressing delegates at the opening of the 12th an-



HENRY CURTIS Pres., Potato Growers Exchange

"During the past year our manager, committee appointed by the Federal possible their losses. Farm Board for the co-operative marketing of potatoes throughout the encountered during the past year, we venes. United States. Recently the Wiscon- have kept the stable market price of While it is too early to forcast the sin State Dept. of Agriculture invited potatoes at a high standard.

Farm Board Praise. vances thereon. We applied to the can pay our members.

#### Hibst Report Is Very Encouraging For 300 yrs., But Now-

(Continued from page one) market bulletin for all its affiliated locals, gathering 17 telephone and the tomato we relish today was for telegraph information on prices, ship- 300 years considered a rank poison. ments, cars on track, prices in In those days the way to test a various markets etc. One manager poison was to taste it; if death folsaid recently that that information is lowed shortly there was no doubt worth several hundred dollars annually to him. As required, special ed needlessly, and the result was and conditions, etc., are published hands after handling a tomato. to the local managers.

Traffic Department

period of years has had a great deal tomato or in combination with fruits to do with the wiping out of the re- or other vegetables, green tomato rigeration car problem. It reports pie, tomato soup. After the vines that for the past year refrigerator are black we get our old friend tocars have been plentiful and well dis- mato out of a can or bottle as sauce tributed. Railroads have given splen- soup, catsup, or one of the many did co-operation to the Exchange. An other products made from this vegeexample is their revision of their table. freight schedule time which in some | Along about 1850 the people first to the buyer and cutting down chane- were used only in season. At the

Heated Potato Cars For more than 3 years the Exchange not go so well, mainly because some has been asking railroads to give the unscrupulous manufacturers used same heater protection to cars of po- bad tomatoes, falled to wash them and vegetables. At first the roads cores, and sometimes added water to wouldn't listen to the idea. The Ex- reduce costs. change idea has gained such favor Government inspectors at that that several hundred large shippers, time found a few manufacturers Bergland. Fischer became friendly Shippers' Ass'n are behind it. Latest ther spoiling.

Certified Seed Sales

years as sales agent for certified seed. produced by the Michigan Certified of the Federal Food and Drug Ad-Seed Producers Ass'n. Last year it sold 88,941 bushels of Rurals; 2,008 ment of Agriculture, visit the canbushels of Russet, 3,165 bushels of ning factories to see what kind of 5.117 bushels of seconds.

Prior to 1929-30 season cash ad- ernment scientists have so perfected eash deposits on spring sales.

Last season the Exchange borrowed tive is detected at once. with which it was able to advance 50 seldom take the risk of adulterating clams a delicacy. cents per bushel. The first loan took food. People have greater conficonsiderable time to get through, but dence in canned goods, and the toshould go through very quickly this mato-canning industry has grown fall. The loan was repaid before it 100 per cent in the last 22 years. was due. The Federal Farm Board is not making loans on table stock yet because of the rapid fluctuations in 40 % of Milk Sold in orice, storage conditions, etc. The Exchange has hopes that loans on able stock can be arranged soon.

Purchasing Dep't.

"TOO MUCH RAIN"-BELGIUM

Brussels, Belgium - While the marketing ass'ns in the United States. ties from the State Library show that American middle west has suffered The Dairymen's League of New York from July 1928 to July 1929, it circu-from a drought, Europe has receiv- did an \$85,000,000 business in 1928.

# END CONFISCATORY SCHOOL TAXES IS COMMISSION AIM

were granted \$46,000, which enabled To Analyze School Finances; us to advance 50 cents per bushel. Would Equalize Local This loan was paid long before it was School Taxes

Certain State Will Be Asked To Raise Equalizing Fund

Lansing-A comprehensive official out the country. "The last two years have been try- survey of educational finance aimed nual meeting of the Exchange at ing for all farmers' organizations to develop plans for equalizing local broadcast will also include three Two years ago the crop was good, but school taxes was definitely launched commodity market reviews, a semiprices were practically nothing. Last here today when Dr. Paul M. Mort of year the price was fair, but drought the Teachers' College, Columbia Uniresulted in practically no potatoes. versity and Mr. F. M. Thrun of the This year prospects for a crop are fair. Department of Economics, Michigan "This Exchange cannot bring nor State College, met with the joint legisprevent rain required to produce a lative Educational Survey Commission crop, neither can it control supply and headed by State Representative Chas. demand, upon which prices are based H. Reed of Clio and completed arrangelargely. Our purpose and duty is to ments whereby both Dr. Mort and the market your potatoes in a systematic. State College are to co-operate with orderly manner, getting for you every the commission. This was the second dollar that the market will permit, meeting of the educators with the comand encourage you to grow a class of mission during the present week. Both stock that will demand the highest meetings were held in the office of the Superintendent of Public Instruction. "Last year's crop was small. Inde- Webster H. Pearce. pendent buyers throughout the coun-

Under the arrangements as worked try, realizing that co-operatives can out, Dr. Thrun of Michigan State Colnot speculate by buying potatoes on lege will complete research work on a low market and holding them for an the inequalities of local school taxation advance in price, saw what they con- which the College has had under way sidered an opportune time to destroy for about two years and will report the co-ops and make some money for his findings to the Survey Commission.

themselves. At the opening of the Dr. Mort will carry on certain supseason they offered growers far in ad- plementary investigations and will advance of what the market would war- vise with the commision concerning rant, but at the close of the season, at the exact nature of the recommendaplaces where there are no co-opera- tions which it will make to the next tives, they paid less than the true Legislature. According to present plans Mr. Hibst, was made chairman of the market price in order to retrieve if a report wil be made public by the Hour commission in November, well before "In spite of the opposition we have the time when the Legislature con-

exact nature of the recommendations, "We have acquired contracts from it is considered certain that the commission will ask for an equalizing make LAWNS NOW; which we did not have before. Comments among our locals are favorable to the Exchange. We must plement the primary school fund and "Last year our certified seed pota- increase our membership and the the Turner Act money, and that it to growers, who have been required to tonnage handled. The greater the ton- will be proposed that the funds so hold their seed potatoes until spring nage, the greater the service we can raised will be spent to guarantee August Is The Month To markets open, were in need of ad-render, and the greater the price we every school district reasonable school facilities without the necessity of confiscatory local taxes.

This has been the moving force behind the research at Michigan State Washington-It is surprising that with the Michigan Farm Bureau stand on school taxation and Farm Bureau leaders freely express the hope that the investigations under way will make it possible for all rural school districts that exercise reasonable the solution of the sol economy to provide adequate schools If the soil is poor it should be imexcess of five mills. Today the tomato or tomato prod-

# Traific Department uct is found on nearly every table. The Exchange Traffic Dep't over a In season we have salads of sliced FEED A HERON AND

A Star Boarder of Him.

A great blue heron may be a instances saves the Exchange several found that tomatoes were an excell- beautiful bird, but he is a too tenacious and affectionate pet. In fact, he will start new growth in August invitation to lunch, an indication of a This is the one time of the year that start of the canning industry the sale of canned tomato products did permanent boarding house.

Joseph E. Fischer, state trapper at pensities and affections of pet blue tatoes that they give to other fruits properly, left in the peelings and herons than probably anyone else in Michigan, but he got his experience unwillingly.

A storm left a heron stranded near three of the largest retail chain stores running spoiled tomatoes, cores, and and fed the bird grasshoppers, frogs and the American Fruit and Vegetable peelings through a "cyclone" ma- and fish to tide him over his tempochine which ground everything to rary difficulties. The heron was news is that the Eastern Railroad a pulp. This, with spices added, was pleased. No long waits now with Presidents' executive committee has bottled and sold as catsup. A chemi- doubtful results when he was hungry. ordered an investigation of the costs, cal was often added to prevent fur- Food was magically placed almost in his mouth. That type of adulteration is a

The Exchange has completed seven thing of the past. Today inspectors but the heron refused to be abandoned. Wherever Fischer wen the bird ministration, United States Depart- followed-like Mary's lamb. Fischer tried to escape in his automobile, but when he stopped, believing the heron White Rural; 3,165 Irish Cobblers, and tomatoes are used and to watch the outdistanced, the great bird was on the running board.

Fischer has given up in disgust and vances to the certified seed growers, methods of analysis that they can the heron now hovers near the Fischwho are obliged to hold their crop determine the amount of moldy to- er home, rarely going more than a rom fall till spring, were made by the mato in a bottle of catsup if any is mile away. The bird kills snakes, but Exchange from fall cash sales and present. Added water can be very won't eat them, Fischer says. He is easily measured and any preserva- fastidious. Given a frog he will shake it, then rinse it off in the water be-\$46,000 from the Federal Farm Board. The result is that manufacturers fore swallowing it. He considers

#### Sheep Industry Faces Considerable Reduction

U. S. Handled by Co-ops he numbers of sheep both in this ed. country and abroad, is likely to take About 40% of the milk sold in the place during the next two or three Last season the Exchange purchas- United States during 1928 was market- years says the midsummer sheep year, ing division bought \$79,167.35 in varied through fluid milk co-operative and wool outlook report issued toous supplies for its members and for marketing ass'ns, according to the day by the United States Depart- States. The hay crop in some of distribution to them through their U. S. Dep't of Agriculture. That ment of Agriculture. Such a develmeant around \$335,000,000 worth of opment would improve the economic ern plains section has suffered se-There are more than 150 such milk

dustries. Creameries fed the butter back to other organizations and 19,488 pic. deluged and considerable damage most of the milk coming into Detroit the crop of either of the two prethe increase was in the Western 1929.

# FARM RADIO LARGEST CERTIFIED

National Broadcasting Company's DAILY FARM AND HOME HOUR 12:45 to 1:30 p. m. E. S. T. 11:45 a. m. to 12:30 p. m. C. S. T.

Washington-Editors from the 48 State Colleges of Agriculture, meeting August 26 to 28 in Washington, will provide two special programs for the Department of Agriculture periods of the National Farm and week beginning Monday, August 25, by a network of 38 radio stations associated with the National Broadnew research developments through-

The week's Farm and Home Hour annual statement on the beef-cattle outlook, and a variety of other features, including the weekly Farm Board broadcast on Friday, August 29th. The complete program for week follows:

MON., AUG. 25—"Culling the Loafers"
J. P. Quinn, Bureau of Animal Industry: "The Beef Cattle Outlook", by C. L.
Harlan, Bureau of Agricultural Economic

TUES., AUG. 26—"Angust Dairy Markets" by L. M. Davis, Bureau of Agricultural Economics: "Cows That Make Farm Income Climb", by J. C. McDowell, Bureau of Dairy Industry: "Answering Anti-TB Eradication Arguments", by Elmer Lash, veterinarian, Bureau of Animal Industry.

mai industry.

WED., AUG. 27—"The Wheat Market Ituation", by G. A. Collier, Bureau of gricultural Economics, Special program from the Agricultural College Editors' Marting.

rs' Meeting. THURS., AUG. 28—"Getting Ready for Making" by Rowena Schmid THURS, AUG. 28—"Getting Ready for Pickle Making", by Rowena Schmidt Carpenter, Bureau of Home Economics, Speial program from the Agricultural College Editors' Meeting.

FRI., AUG. 29—"The August Poultry Markets", by Roy C. Potts, Bureau of Agricultural Economics; "The Week with the Farm Board", by Edgar Markham, assistant to the chairman, Federal Farm Board; second Farm Board speaker to be announced.

The following nearby stations will

The following nearby stations will condeast the National Farm and Home Hour programs:
WJZ, New York; WJR, Detroit; WHAS,
Louisville; KFKX, Chicago; WSM, Nashville; KDNA, Pittsburgh; WLW, Cincinnati; WHO, Des Moines; WOC, Daven-

Start Job; Seed Grows Best in Fall.

College and has also characterized best time to seed the new lawn but studies previously made by Dr. Mort in August is the month to prepare for New York, Missouri, Nebraska and the new seeding, advises Professor Kansas. The program is in harmony Ralph W. Curtis of Cornell Universi-

bulletins on acreage, crop shipments that careful people washed their without levying local taxes at rates in proved by working in well rotted manure at the rate of one to two cubic yards to each 1000 square feet. Then the lawn should be rolled to Rossman, Greenville; Fred Crandall, show irregularities in the surface and these filled to bring the lawn to the Bellaire. TRY TO LOSE HIM these filled to bring the lawn to the desired grade. This final surface chould be cultivated lightly about OUR TROUT TRAVEL every ten days until seeding time. An Invitation To Lunch Makes from tooth rake is about the best hand tool to use, says Professor Curtis The young weeds are then starting from seed and the raking kills the weeds with little effort.

considers a favor a privilege and an These should be dug out entirely the lawn can be torn up to eliminate Bergland, knows more about the pro-of the weeds, both deep and shallow, should be cleared out before money is spent for final seeding. Sow in Two Directions.

At the time of seeding the lawn loose on top. A final raking will loosen the top soil and make ideal seed bed conditions. The seed should be sown thickly, about four pounds available, it is best to divide the seed in half and broadcast one-half of the follow with the rest at right angles of the first sowing.

If the soil is light in texture rake the seed in lightly and roll. If the soil is a heavy clay it is better just to roll the seed into the soil. Often a light covering over the seed before rolling of a good garden soil mixed with three parts soil to one part well rotted manure and screened through a one-fourth inch mesh will both lessen drying and the subsequent baking and hardening of the soil. In hot, dry weather watering hast-

ens germination and growth. Water ordinarily at the close of the day but if there is an intense hot period in September do not be afraid to water plentifully whether the sun shines or not, Professor Curtis advises. There is no danger from sun scald from Washington-The long-time out- sprinkling when the sun is shining, look for the sheep raising industry but there is great danger that the new s that a considerable reduction in seeding will dry up if it is not water-

It usually takes about a hundred eggs to pay for a hen's keep for a

position of the sheep and wool in- verely from drought. Losses from ment. lamb feeding operations last winter The problem of the western sheep were heavy. The drought in the lamb crop of 1930 was about 2,000,- For the year to date the demand 000 head or 8 per cent larger than for stocker and feeder sheep and ed a hose on the tar.

# SEED SPUD ASS'N IS IN MICHIGAN

Has Grown From 27 to 400 Members Since 1924

Lake City-Michigan has in the Michigan Certified Seed Potato Producers Ass'n the largest organization casting Co. These specialists will of its kind in the country. Organized talk on agricultural conditions and in 1924 with 27 members, it has grown to 400 memebrs, who practice the the rigorous requirements of the



FRANK A. Smith Pres., Cert. Seed Potato Ass'n

The seventh annual meeting was held at the State experimental potato form near Lake City, August 19, and was attended by more than 400, a record crowd.

"Purpose of this ass'n," said Pres. Frank A. Smith, "is to serve members by improving the quality of seed potatoes grown and marketed, to create and maintain an orderly system of marketing so that the member will receive what his product is truly worth."

The past year, Mr. Smith said, was difficult because of the short seed crop, and the ensuing business depression which had its effect on seed sales. Nevertheless, the Potato Exchange seed sales agency functioned in good shape. Pool price of Rurals was only 17% under 1926-27, the Seed Ass'n's best year.

Outlook for the coming year is better. Fields look better than a year ago, despite the heat. Drouth in Ohio and Pennsylvania may hurt Ithaca, N. Y.—September is the purchasing power there, but on the other hand the seed ass'n will have in those states for the first time full time seed potato sales representa-

tives. During the past year certified seed potatoes were sold in 26 Michigan counties and a total quantity of 109,-229 bushels were sold to state and out of state customers.

Officers and directors for the ensuing year: Frank A. Smith, Luther; David Inglis, Van; Joseph Zimmerman, Traverse City; Ed. Stiver, Cope-

# FAR AND SWIFTLY

One Caught In Wisconsin And Again In Michigan In Seven Days.

Within seven days a 14 inch rainbow trout was caught twice, once at Port Washington, Wisconsin, and the econd time near Grand Haven, Mich-

If the fish traveled a straight ourse across Lake Michigan, he vould have gone 87 miles during the week or an average of 12 miles a day. surface should be firm below but If he chose to follow the shore line around the southern end of the lake, he would have gone a minimum of 200 miles, or 37 miles a day.

July 14, Smith Brothers, Port to 1000 square feet. If no seeder is Washington commercial fishermen, tagged a 14 inch rainbow trout (they are called steelheads on the Great seed by hand in one direction and Lakes). The same fish was caught by Swartz and Jobin in a pound net live miles north of Grand Haven Harbor July 21.

The trout taken near Grand Haven is the third example reported this year of migrations across Lake Michigan. Early last spring two trout tagged by Smith Brothers at Port Washington were captured during the spawn taking operations on the Manistee River.

At least three of the rainbow trout handled and tagged during Michigan's spawn taking activities in the Manisee River have been captured in Wisconsin nets.

The fact that rainbow trout freely pass from shore to shore of Lake Michigan is being used as an argument for uniform fish legislation in he two states.

## CAUGHT IN BARREL OF TAR

Boston-This is a heat story. Harry Hamparian, 6, jumped in a arrel of tar. Tar melts in 90 degree heat and Harry could not jump out again. His chums could not pull him out. A crowd of 300 gathwas a matter for the police depart-

A policeman came, saw, and called the fire department. An engine grower at this time is difficult. The Corn Belt is reducing feed supplies. responded to the alarm. The firemen had a bright idea. They turnceding years. Eighty per cent of for the corresponding period in the firemen chopped young Harry out .- Weekly Kansas City Star.

# COLLEGE SPEAKS ON WHEAT FUTURE

Sees Low Prices Continuing Must Cut Costs For Profits

Feed Crops In High Cost Areas.

East Lansing-Suggestions for special committee from the agriultural division at Michigan State ollege, as part of an extensive re-

erence indicates that "extensive adustment in wheat growing, includers generally during the next six to ten years". Lowered consumption present situation. The world situa-

given Michigan growers are:

arge a spread between cash prices so and so but they did not know. at loading point and futures.

rops may be desirable.

neeting the situation, however, which involve the readjustment of he crop and livestock enterprises CALL THREE COUNTY hould be considered in view of their arm business as a whole.

# CUT STATE TAX

Further cuts in state tax valua- Jackson. The program follows:

oncession, but the portion to be paid meetings. Information on the three to an antique dealer. farmers living in the county will meetings follows:

e less than last year. Among the agricultural counties oard of Equalization, receiving a irther reduction of \$450,000 below ne recommendations of the State ax Commission. The total reducon in Huron's value is \$1,900,000. utting the share of state tax which le county will pay by 3.152 per ent as compared with 1929. Under tax commission recommendations uron would have received a reducon of 2.109 per cent in its share of

duction by almost 50 per cent. Other reductions ordered by the oard of Equalization were: Charle-pix, \$100,000 Gladwin \$100,000 POTASH FERTILIZER oix, \$100,000, Gladwin \$100,000, ogebic \$500,000, Kalkaska, \$128,-0, Luce \$313,000, Ontonagon 100,000, and Schoolcraft \$300,000. These reductions will result in ax to be paid by other counties, but

e amount of increase will be very Although the action of the State

oard of Equalization changes the ommission, the changes do not issioners, Edwin F. Saunders, Alin E. Richards, and Melville B. Mc- few years. Importance of potash is herson are also members of the shown as follows: luditor General Oramel B. Fuller.

#### Michigan is a Leader In Aeronautic World

ant for the mass production of air- ting no potash. anes and was the first state to use r planes for the transportation of eight. Michigan is the eighth state the Union in the number of air-orts; Michigan has 49, and 59 more 1929 and from 1145 pounds to 2208 responsed. The many larged in the Union in the number of air-orts; Michigan has 49, and 59 more 1929 and from 1145 pounds to 2208 responsed. The many larged is responsed. The many larged with potash ranged from 1929 and from 1145 pounds to 2208 responsed. The many larged with potash ranged from 1929 and from 1929 and from 1929 and from 1920 responsed. proposed. The municipal airport pounds per acre in 1930. rport in the United States.

# Life Insurance Fills Farm Family's Need ORGANIZED UNDER

FOR THIS STATE Only Way Most of Us Can working system? Time was when a Create a Cash Estate

By MRS. EDITH M. WAGAR.

I was interested the other day when SEES WHEAT REPLACED views on life insurance in this manner, "I see no reason ever for farmers With Alfalfa, Corn and Other to spend money on life insurance; it's alright for the man who has no home and makes no effort to save for one, but for us farm folks it's differ-

I know it was the universal opinion than the farmer class, and was a sort of scheme gotten up to serve as a balm to the fellow who lacked will mon idea of insurance was that it in order to win.

ushel, must be made if wheat pro- insurance companies in the past, I'll admit. But we have changed in inompetition in world markets" are sured that we will be protected in among reasons mentioned for the every way according to the policy we able bodied. tion is said to point to "a lower level of prices in the next six to ten any policy holders yet today know classes of insurance arranged by all Dickslot of Minnesota and W. D. el of prices in the next six to ten too little about the contents of their companies that one can hardly fail Bucholz of South Dakota. years than has prevailed in the past policy. They too often are just satisto find something but what would fit fied with insurance and do not take the needs of the most exacting per-Among the definite suggestions the time to familiarize themselves son. But I would think seriously with the details and once in awhile about at least keeping my indebted-dent; J. W. Miller, Somers, Wisconsin (1) Farm Storage—Present con- we find people who are disappointed ness covered and as much more as in some way for they thought it was possible under all circumstances. We Greeley, Colorado, Secretary; J. H

(2) Feeding—U. S. D. A. reports put ourselves out of the class of the is the happy-go-lucky kind, spending Litel, Sterling, Colorado; Chas. Kearwith 79 cent corn, wheat as a feed insurable. To be true, we are all as fast as making, trusting that some ney, Morrill, Nebraska; W. J. Nolton worth about 85 cents for feeding striving for a home, but how many way will be provided when adversio poultry and sheep and about 89 of our own folks are free from finan- ties appear, but we admire the fellow Mitchell, Nebraska and the President ents for feeding to hogs and beef cial worries? We may feel we can who ventures and then through self-Ralph Clark. Officers will be main pull through and no doubt we will, if denial and hard knocks works for a tained at Greeley, Colorado and Scotts (3) Crop Alternatives—Farmers all goes well with us. But how about home of his own. We wonder if it Bluff, Nebraska. may well consider the possibility of it, if dad should be taken away,— would not be the wiser way to buy The public generally perhaps does roducing more alfalfa, corn, barley, could mother keep that family toats and the improvement of pas- gether and go on making the pay- if by so doing he has delayed his final sugar beets in this country represents ures in high cost wheat areas. In ments, interest and taxes? Or even payment a bit longer? He would have over 800,000 acres of land used for that eneral the production of more feed if the farm is paid for, are you certain the peace of mind that lingers with purpose and hundreds of thousands of there will be ready money to pay the one who knows all will be well for people are engaged either in growing Bloomington. (4) All methods proposed for bills and adjust home affairs to a the family.

family left with a farm was considered well cared fore but these days it takes dad, mother and the children to eke out a living and pay the taxes and necessary expenses off from any I was interested the other day when I heard a farm woman express her with a tenant and have enough left for the owner to live from. Other plans must be made when sickness there must be some other means provided for living.

East Lansing—Suggestions for among farm folks years ago that inMichigan growers on meeting the among farm folks years ago that init is an accumulating fund with the wheat situation have been issued by surance was intended for people other it is an accumulating fund with the total amount guaranteed the family, or the insured himself if he outlives ware and meets the requirements of the policy. It always has a cash the Agricultural Marketing Act as a membership in the National Beet college, as part of an extensive reenough to save for a home. The comout written following a special enough to save for a home. The comfor the protection of one's family at for the protection of one's family at controlled by growers. wheat conference held at Indianapshould be something very cheap, that

a time when most needed. One good it was of uncertain reliability so that friend said it would be just as well elected as follows: C. R. Oviatt of this commodity by the Federal Farm made it appear necessary to die early to deposit in a bank a sum each year Michigan; Ralph Clark, A. L. Litel, J. Board will be fruitful in carrying out equal to the annual premium never to H. Rodiger, B. F. Falsegraf and John the purposes of the Agricultural Mar-There have been too many of the be touched until death comes, but Burritt, all of Colorado; Charles Kear- keting Act. unwise and unsafe types of fraternal would anyone really do that? And ney and Frank Thomas from Nebras does it give you the protection offered ka; W. J. Nolton of Wyoming; Martin by insurance companies these days? Martinson of Washington; F. J. Cox surance protection in this country Such a plan would be commendable of Montana; Alma Lindhelm from during the year ended June 30, 1929, just as much as in transportation or to the person unable to pass a physi- Idaho; J. W. Gillman of Utah; J. D. for highway purposes, not including of wheat per capita and "intensive like matters until now we can rest assider it the wisest thing to do for the representing Ohio and Indiana, J. W.

> criticize the fellow who has not been Stockwell, Bayard, Nebraska, Treasur-But as farm folks let us hesitate to thoughtful of the future but rather er. The Executive Committee is A. I

# effect upon the returns from the INSURANCE MEETINGS

The Insurance Department of the Michigan State Farm Bureau is coand Jackson county Farm Bureaus holding important insurance meetings at Marshall, Charlotte and ALMOST GOT PLYMOUTH ROCK

tate Tax Commission were ordered clude M. L. Noon, president of the other day at the spectacle of a truck the State Board of Equalization Michigan State Farm Bureau and backing up to Plymouth Rock, which ollowing a public hearing held Aug. M. G. Fuller, vice president, State marks the landing place of the Pil-8 in the senate chamber at Lansing. Farm Life Insurance Company of grims, and saw its driver prepare The Board reduced the tax com- Bloomington, Illinois. Community to cart the historic landmark away. ission figures by \$2,889,000 with singing and other entertainment The truckman had his derricks all Genesee county was the big win-Farm Bureau members, policy- on the scene. er with a cut of \$750,000. The holders in the State Farm Mutual

CALHOUN COUNTY MEETING In the Brooks Memorial M. E. uron was most favored by the church, Marshall, Wednesday, September 3rd. Supper at 7:30 p. m.

Eastern time. EATON COUNTY MEETING In the M. E. church, Charlotte, Thursday, September 4th at 8:00 p. Eastern time.

served at close of meeting JACKSON COUNTY MEETING In the First M. E. church, Michigan avenue, oposite City Library, Jackson, Friday, September 5th at ate tax, and the action of the State 8:00 p. m. Eastern time. Refreshoard of Equalization increased this ments served at close of meeting.

ightly increasing the share of state College Field Tests Show Remarkable Response In Yields.

East Lansing-Amount of potash gures submitted by the State Tax available in the soil has a great deal to do with the success we have in obcessarily represent reversal of the taining a good crop of June clover ommission as the State Tax Com-

tate Board of Equalization, the son and Branch counties on a sandy ther members being Commissioner of loam soil. The clover was grown as a griculture Herbert E. Powell and part of the four-year rotation of corn oats, wheat, and clover. Fertilizer applications were made with corn and wheat. Several different analyses of fertilizer were tied.

On the Jackson county farm no field which did not receive potash as one of It is significant that Michigan, which the ingredients of commercial fertilizs for a long time led the country er or as contained in barnyard manure the automotive industry, should now produced over 864 pounds of June ke a leading position in the aero- clover per acre in 1929, and no clover outic world. Michigan has the first was harvested in 1929 from fields get-

Pontiac has been given rating A-1-A The soil on the Branch county farm hich is the first and highest of any was in a better condition than that on the Jackson county farm and the dif-

clover are advised by the farm crops department to use manure or a potash operating with the Calhoun, Eaton carrying fertilizer on the crop in which the clover is to be seeded.

Boston-Plymouth citizens stood on over those recommended by the Speakers at all three meetings in goggle-eyed with amazement the

The truckman, later investigation ercentage of state tax to be paid by Insurance Co. and State Farm Life showed, was the victim of a practical enesee will be increased by 1.581 Insurance Co. and their friends are joker. Someone gave him orders to er cent over last year in spite of this specially invited to attend these take Plymouth Rock to New York

> Michigan has a forest nursery of 20 acres and distributes annually on an average of one and one-half to one and three-quarters millions of seedlings other than those planted upon state owned lands.



Don't risk overcrowding hogs in a car this weather. You may lose heavily if you do, or if you

What hogs need now is plenty of room, a properly bedded carwet sand is good. Hanging some ice in burlap bags in the car helps a lot. Hogs should not be heated when loaded. An overcrowded car and a sudden rise in tempera ture is likely to cause heavy

Your local livestock co-op understands how to handle shipments to avoid heavy losses.

Ship through the co-op and you sell your stock on the treminal market yourself. It is in the hands of your salesmen from beginning to end.

Returns to patrons guaranteed by bond meeting U. S. Gov't re-quirements,

Producers Co-Op Com. Assn. East Buffalo, N. Y.

# **BEET GROWERS** THE FARM BOARD

Michigan Has A Director As marketing conditions without creating 16th District In National Association

Denver—Delegate representatives from 17 states in which sugar beets and death comes to the head of the are grown met in Denver, August 2, ers' Association. As in other cases in which agricultural commodity co-operates have organized nationally, the family; the farm must be sold or and organized the National Beet Grow-Insurance is not money thrown meeting was held under the auspices as possible the cross hauls and unassociation will be incorporated represent no saving either to the under the laws of the state of Dela- producer or the consumer

Miller of Wisconsin, Sam Kennedy, Jr There are now so many types and of Iowa; T. E. Grable of Kansas; Louis

These directors in turn elected the following officers: Ralph Clark, Eaton Colorado, President; Frank Thoma Mitchell, Nebraska, First Vice Presi

beets or processing them. The industry ferences in yields of clover on the stantial changes have taken place in fields receiving potash were not as the regions in which sugar beets were Lansing, pronounced in 1929 but there was a originally grown. For instance, in the narked difference in favor of potash in last twenty years greatest progress has been made in the irrigated regions Farmers who intend to seed June of Colorado, Nebraska, Wyoming and some other western states. Beet sugar

has grown in popularity among users, but the price at the present time is so ruinously low that the industry is suffering.

In view of the fact that less than ne-fifth of the sugar consumed in the United States is grown here, there is abundant opportunity for expanding production of sugar beets under proper a surplus. In this respect sugar beets is one commodity the production of which may well be encouraged.

The purpose of the new organization is to encourage better methods of proclosely with the manufacturer to the

lent progress and there is every rea-Directors from sixteen districts were son to believe that the recognition of

# State

Ask your State Farm Mutual Automobile Insurance Agent about this new life insurance plan. State Farm Mutual men and principles of service are behind it.

State Farm Life Insurance Co.

MICHIGAN FARM BUREAU STATE AGENT Michigan

# FREIGHT BILLS on Farm Shipments

Sometimes have overcharge errors. Do you have your bills audited?

THE TRAFFIC DEPARTMENT

Of the Michigan State Farm Bureau will check up the charges on your freight bills; file overcharge claims; file loss and damage claims; watch all freight rates on your farm products and supplies and be your personal representative to the railroads. Claims collected free for paid-up Farm Bureau members. No charge for audit-

Farm Bureau Traffic Department

#### Sues For \$10,000 In Owosso Accident

CORUNNA, Aug. 6-Suit for \$10,000 has been started in circuit court as the result of an automobile accident here on June 26, in which Lawrence B. Heisserer of this city sustained numerous injuries, including the loss of his right eye. The defendant in the suit is Floyd Davis of Caledonia township.—State Journal, Lansing, Aug. 6.

Such items as the above are common in the news of the day. It might happen to any driver. Accidents happen. Resulting damages are likely to be determined in the courts.

It's bad enough to have an automobile accident, with possible public liability, or to have an automobile property loss through fire, theft, or collision, but it's much worse if you have to pay those costs from your pocket, with your property, and maybe from your future earn-

... A State Farm Mutual Auto Insurance policy-at surprisingly low semi-annual cost-will protect your interests everywhere in the United States and Canada. Its protection is with you always. You are never far away from one of our 7,000 agents. We serve you wherever you may be. Don't start a vacation trip without automobile insurance. We have an agent near

# State Farm Mutual Auto Insurance Company

Bloomington, Illinois

MICHIGAN STATE FARM BUREAU STATE AGENT Lansing, Michigan

# Why Farm Bureau Oil Is Straight Distilled

There are several methods of refining oil, including the best.

1st. Straight distillation method. This process takes off the byproducts slowly as they come to them. This is the natural way of separating the various products of the crude and the surest method of getting the very best product.

2nd. The Long residuum process. By this method the temperature is run up to a high degree and some of the by-products are allowed to vaporize off. This method does not thoroughly separate the crude and the purest of oils are not obtained.

3rd. The vacuum process. Just about the same process as the Long residuum except that the temperature is lower on the stills and instead of waiting for the heat to drive off the by-products, a vacuum is used and the by-products drawn off. This has the same effect as the Long residuum process and much of the oil is left to vaporize off in the crank case.

Farm Bureau oils are selected from the very best of Mid-Continent crudes refined by the straight distillation process. We know they will give you the service you expect from Farm Bureau products. Se. your local distributor and have him tell you the grade for your ca. or tractor. Sold in 5, 15, 20 and 55 gallon containers, and always at a savings.

> FARM BUREAU SERVICES, INC. Lansing, Michigan

# WHY USE FERTILIZERS

With present prices of farm products, if you are to get a profit you must have good yields. Several thousand tests prove that spent for commercial Fertilizers yields 154 in increased crop returns. Increased yields with no extra labor, interest, taxes, machinery, or other costs of production.

> LACE YOUR ORDERS WITH YOUR LOCAL DEALER, OR WRITE FARM BUREAU SERVICES, Inc.

Clean Out Weed Patches Now; Have Clean Fields Next Season!

Atlacide, a chlorate compound, is the safe, certain weed killer. Not posionous, explosive or combustible as some other forms of chlorate are. Atlacide may be used as a spray or dust.

Bothersome patches of quack grass, wild morning glory, Canada, Russian or Sow thistle, poison ivy, and all other weeds can be cleaned out easily with Atlacide. Applied at rate of one pound per 100 square feet of ground. Two or three applications several weeks apart does the job. Start now.

You can secure Atlacide from distributors of Farm Bureau Supplies. Packed in 50 and 200 lb. air tight drums. For further information, prices and literature, see your local Farm Bureau dealer.

> FARM BUREAU SERVICES, INC. Lansing, Michigan

# College Advises Wheat

For cows, or hens, or pigs, use wheat to replace all or part of the corn. It can replace barley also.

For cows use your cheap wheat (or your neighbor's), but supplement it with Milkmaker 34% protein (more digestible protein and cheaper than linseed oil meal) or Milkmaker or Dairyflex 32%. The cow gets a variety of high quality proteins-molasses for palatability—and minerals for health.

## Here's How

For your cows use 100 lbs. Milkmaker 32 or 34% with 400-450 lbs. of homegrown feeds, with good alfalfa hay. Or, with 300 to 350 lbs. of homegrown feds with good clover hay; or with 200 to 225 lbs. home grown grains, with good mixed hay. Use 100 lbs. Milkmaker 32 or 34% with 100 to 150 lbs. homegrown feeds with timothy.

Note-Wheat can be fed up to 25% of the total ration, but keep the ration bulky enough.

Milkmaker Means Moneymaker

See Your Local Distributor of Farm Bureau Supplies.

FARM BUREAU SERVICES, INC. Lansing, Michigan

# HOW TO HANDLE **PASTURES WHEN** RAIN GETS HERE

They Will Need Growth and Plant Food This Fall

out of permanent pastures.

by cattle off permanent pasture. The should be supplied.

Not only should the cattle be kept off the pastures this fall, but also in the early spring so as to give the pastures an opportunity to get a good middle Atlantic States westward to general showers. strong growth in the spring.

of this is to be done, temporary pastures must be provided that will CROP ACREAGES answer the purpose this fall and early in the spring. The winter grains are often used for this purpose. Wheat and barley are the most popular. In addition to these crops there are others that may be used successfully depending upon the conditions under which they are to be planted. For your own specific recommendations, you should get in touch with your County Agent or the State Agricultural

# WHY DOES LIVE STOCK EXCHANGE GAIN STEADILY?

Handles Nearly Half Detroit Yard Receipts; Gained In July.

classes of livestock at the Detroit stock yards continue to be light, the tional farm husiness conditions con-Michigan Live Stock Exchange shows a nice increase in percentage of live Exchange sold 26% of all cattle consigned for sale at the stock yards; 41% of the calves; 39% of the sheep; and 34% of the hogs. These percentages show a nice increase over same period last year.

For the week ending August 2, 1930, the Exchange sold 28% of cattle; 50% markedly. At the same time market of the calves; 43% of the sheep; 45% of the hogs.

Out of the total of 368 cars of rail stock, sold at the Detroit stock yards to many vegetable and livestock in July, the Michigan Live Stock Ex- producers. Potato prices and some ried again and I didn't." change sold 175 cars, or 47.55%.

Excellent sales service from good men, who are the shippers' own emploves, and the fact that the stock packer paid for it, less actual cost of selling, are principal reasons why the Michigan Live Stock Exchange has grown to some 240 shipping ass'ns in Michigan and to such importance on the Detroit market. Michigan Live Stock Exchange shippers also ship to their Producers Coop Commission Ass'n at East Buffalo, the largest dealer on that market, and which they own in co-operation with the Live Stock Exchanges of Ohio and Indiana.

# **MICHIGAN DROUGHT CONDITIONS SEVERE**

Summary of Weather and Crops for the Week Ending Aug. 19

By D. A. SEELEY

U. S. Weather Bureau, Lansing Lansing, Aug. 20.-The devasting drought continues unbroken in Michigan. Northern counties and the entire Upper Peninsula are now includedin the drought stricken area and losses have mounted to many millions of dollars. Corn is being cut prematurely to prevent further deterioration; almost no ears have formed due to the drought. Beans, potatoes, truck and other crops greatly damaged. No pastures are left and many meadows are killed. Even forest trees are dying. Stock is being fed as in winter many cows and other stock are being sacrificed by butchering. The devastation seems to be as general and great as any ever suffered by farmers in this State. Practically no plowing is possible.

## **Hunting Season Nears**

The fall hunting season is nearing rapidly. 400,000 Game Law Digests are now being distributed by the Conservation Department to county clerks, license agents, conservation officers, etc.

# Pennsylvania Drought Loss Is 50 Millions

Farmers Are Urged Not To Livestock.

The recent radio talk from the Pennsylvania are facing a critical past 20 years except 1921. pasture, crops and livestock in Penn- poorest in 50 years. Although all signs fail in dry sylvania from drouth it at least weather, we have not given up hopes \$50,000,000, and is daily increasing. the last states to get the full brunt from point to point within the state the movement from Texas and Oklathat we will have rain in the near This estimate is the result of a recent of the drought as it worked north, are higher than on livestock shipped homa has passed without serious future. The question is, How are we two thousand mile automobile trip Drought damage has been most severe into or out of the state. Interstate congestion. Northern Kansas and going to handle our pastures after the taken by him through all sections of in the drainage areas of the Ohio and shipments of livestock traveling part-Pastures have been weakened by the tions: "Bear in mind that severe Mississippi valley and in parts of the more miles at lower rates than grant- this territory is heavy, but larger continued drought. After the rains drouths visit our state and the nation northern Great Plains. In West Vir- ed Michigan farmers who ship to De- shipments to Chicago, St. Louis, they must have a period in which to recover from the effects of drought.

The period in which to not more than once in every twenty-five years. If history repeats itself, Southern Ohio, Indiana, Illinois and It is estimated One of the most important factors in and it will, this year of drought will much of Missouri and Virginia yields carloads of stock handled at Detroit ceipts from this territory. In view this recovery is strong growth for the be followed by twenty-four years of present season. Such growths cannot sufficient rainfall and satisfactory expected to be below 70% of the aver-

"My earnest exhortation to the farmsecond is to supply these pastures with quickly available plant food in the form of phosphorous and potash this ash per acre, this fall will supply those another and supply them with an elements which encourage root growth. abundance of water even if in some In the spring of the year an applica- cases it is necessary to haul the tion from 100 to 150 pounds per acre water a considerable distance. Conof nitrate of soda of ammonia sulphate serve every blade of grass and every stalk of hay, corn and straw."

> Other States. Washington-A wide belt from the and the Dakotas began to report good

driest growing season on record. It is estimated that crop yields will be Bureau, Live Stock Exchange 5.5% below last year, 9.1% below the average for the past 10 years, and Harrisburg, Pa.-The farmers of below yields secured in any of the

United States Department of Agricul- situation because of the severe and Corn crop is expected to be the manager, acting for the Michigan ture is of the interest to all Michigan prolonged drouth, according to a smallest since 1901. Hay and sor- State Farm Bureau and the Michigan farmers. That is, the handling of statement issued August 12 by C. G. ghum, which together with corn make Live Stock Exchange, August 14, filed age space and an earlier export pastures from now until next spring Jordan, Secretary of Agriculture for up half the total acreage, will be the complaint before the Michigan Public movement of wheat have facilitated in order to get the greatest returns Pennsylvania. Up to date the loss on smallest in 10 years. Pasture is the Utilities Commission against various the handling of the 1930 wheat

the Commonwealth. Mr. Jordan cau- Potomac rivers, the central and lower ly in Michigan territory can travel and the volume of movement from age yields of the last 10 years. States outside the drought area where crop yields may be above average are Wisconsin, New Jersey, New York, New fall. An application of 300 pounds of fice their cows and other livestock, England, south Atlantic coast states, 20% phosphate and 75 pounds of pot. Move your animals from one field to New Mexico, Arizona, Utah, Nevada, western Colorado, California and Ore-

> First break in the drought began to appear in middle western states about August 14, when Ohio began to report scattering showers. August 17, Indiana, northern Illinois, Nebraska

# SAME AS IN 1929

Drought Raises Havoc In last year. Corn Belt and Ohio Valley

SOME PRICES

Important Late Crops Were and Michigan areas will be short. In Critical State In August

Washington-July was not favorable either in crop growth or markets, said the Bureau of Agricultur- 1930 is not proving a very good year al Economics, which is connected on the farms. with the Federal Farm Board, Detroit-Although receipts of all through the Dep't of Agriculture. The Bureau's August analysis of na- Ocean Going Steamers tinued:

> The whole central portion of the country has suffered from drought coultry has suffered to considerable and heat waves, with considerable damage to corn, spring wheat, cotton and lesser crops. The drought has been most severe in the Corn Belt, the spring Wheat Belt, the central Cotton Belt, and the Ohio Valley. The widespread drying up of pastore has reduced milk production the St. Lawrence River is completed so that ocean-going boats can reach the heart of this great continent, then Michigan's lake ports will become ocean ports in fact and Michigan will be sitting by the side of the world's greatest waterway which starts at Duluth and ends in all parts of the world.
>
> Akron—F. B. Local—Roy Scears Albion Elev. Co. Allegan Farmers Co-op Alto Co-op Creamery Amble Mktg. Ass'n Ann Arbor—Chas. McCalla Atlanta—M. C. Doty Store Auburn—Farmers Co-op Union Avoca—Kerr & Collins conditions and prices have remained very discouraging to growers of wheat and cotton, in particular, and is Brown? of the fruits have held fairly well.

Crop Yields Down "It appears that the total acreage of principal field crops is about the brings the actual owners all that the same this season as last (about 360,000,000 acres). Indications thus far point to general yields per acre somewhat below the average. The important late crops are now in

> der splendid weather conditions. It was estimated last month at 558,000,000 bushels or some 20,000,000
> bushels less than last year. Spring wheat harvest July forecast was for specific only \$150. David Falconer, Scottsville Michigan.—34b-6-28 a slightly larger crop than a year ago, making a total wheat crop of WANTED-FARM WORK BY MONTH around 800,000,000 bushels, about the same as last season.

No Hay Surplus The total crop is light, due to dry weather, but apparently is fairly ample in the chief feeding regions and has been gathered in good con-"Haying is practically finished. and has been gathered in good con-

... extra Yields per Acre

fertilizer is an investment, not an expense.

Farm Bureau Fertilizer reduces the cost of pro-

Nitrogen, phosphoric acid and potash, rightly bal-

anced, stimulate root formation, give a vigorous start to plants, hasten maturity, and improve crop

For wheat, we recommend Farm Bureau Fertilizer

wheat next spring-increase the potash by using an

Order your fertilizer early from your local distribu-

analysis such as Farm Bureau Fertilizer 4-16-8.

If you plan to seed clover or alfalfa on the

ducing each bushel of farm crops. To buy the proper

bushels, which, however, would be only about an average crop. The total acreage this season was increased some 3 per cent. The 19 surplus late-potato States were figured in the July forecasts as likely to produce about 14 per cent more than ast year, while the 16 potato "deficit" States expect slightly less than

Short Apple Crop

"The total apple crop is forecast at 145,000,000 bushels, slightly larger than the light crop of last year but a fifth less than the 5-year average. The Northeastern States have good crops but the Virginia

"As the season moves along toward harvest, the general sentiment among farmers is decidedly pessimistic. Some signs are encouraging, such as the better export demand recently for wheat. But, so far,

# Will Reach Michigan

When the proposed improvement in During that period the Co-operative and heat waves, with considerable the St. Lawrence River is completed

> "How does it happen," said the teacher to the new pupil, "that your Bangor Fruit Growers Exch. name is Allen and your mother's name

"Well," explained the boy, "she mar-

# **Classified Ads**

Classified Advertisements will be charged at the rate of 5 cents a word. Where the ads are to appear twice, the rate will be 4½ cents a word and for ads running three times or more, 4 cents a word, each insertion.

the critical stage where a great deal depends upon the weather during the next two or three weeks.

WANTED—BUYERS FOR FARMS—Many extra good bargains. Let me know what you want. All kinds of city property for sale. List your "The winter wheat crop has been harvested and mostly threshed, a crop of high quality gathered under splendid weather conditions. It

y young married man. Has had e erience in general farm work a lairying. Write Odell Gray, 157

WANTED-WORK ON FARM

dition.

"The prospect is for more potatoes than last year. The July forecast indicated a crop of 398,000,000 "Wanted—FARM WORK OR ANY other kind by young man, 18, arrived from Scotland three months ago. Will take anything. Write James Campbell, 1751 Warren avenue, West, Detroit, Mich.

FARM

BUREAU

ERTILIZER

Lower Production Costs

Farm Bureau Services, Inc.

Lansing, Michigan

File Complaint, Asking Reduction

A. P. Mills, Farm Bureau Traffic New York and Michigan are among charging that their rates on livestock ment of Agriculture.

mission ordered live stock rates reduc- avoiding congestions at terminal marketed last year. ed within Michigan to the level of interstate rates. Petition to the railroads o that effect has been rejected. Other Michigan shipping interests are active

#### New Wheat Is Moving Without Congestion

Washington-An increase in storrailroads doing business in Michigan, crop, according to the U. S. Depart-New Orleans and other points have Southern Ohio, Indiana, Illinois and It is estimated that on the 6,000 made way for somewhat heavier reper acre of all crops combined are annually, present interstate rates are of low wheat prices and the prospect

# WANTED, LIVE POULTRY, EGGS

We specialize in live poultry, eggs and veal. Used egg cases for sale in lots of ten or more, by freight or express. Also new coops for sale. Shipping tags and market information are sent free

GARLOCK-WILLIAMS CO. INC., 2614 Orleans St., Detroit

inflated an average of \$4.50 per car, of poor pasture and of a short corn markets and heavy discounts for and costs the shippers a total of crop in some areas farmers are like-The Farm Bureau and Live Stock last year for feed. By holding wheat has been flowing to market Exchange asks that the Utilities Com- more wheat farmers may assist in at about the same rate as it was

cash wheat caused by such congesly to keep at home more wheat than tion. The new crop of hard winter

State Mutual Rodded Fire Insurance Co., of Mich. Ahead

Don't take chances. Get your protection now with the STATE MUTUAL RODDED FIRE INSURANCE COMPANY. 1400 new policies since January 1st. 21,500 members, over \$82,000,000 at risk. A classified policy covers only property mentioned. Our Blanket Policy covers Write us for sample policy or an agent to call. W. T. LEWIS, See'y, 702 Church Street, Flint, Michigan



Pure rubber, direct from plantations—extra heavy cords—first quality long staple cotton make

From Factory

To You

## **Monarch Tires** and Tubes

A first line, super-product, comparable only with the best. We offer them delivered to your door at a substantial savings. Ask your Farm Bureau distributor about Monarch tires and tubes. All sizes in high pressure, balloons and truck tires available.

FARM BUREAU SERVICES, INC., Lansing, Michigan

# Coming Profits Depend On Your Judgement Now

Poultry-Vigorous, healthy, fully developed pullets for early laying and continuous high production when eggs are high are built now by feeding them. Farm Bureau Meralmash with scratch grains, or Farm Bureau Growing Mash.

Dairy—Pasture is gone. Now is the time to increase the amount of Farm Bureau Milkmaker 16% (formerly called Lofibre) or Milkmaker 20%. Later Milkmaker 24% or 32 or 34% with home grown grains. Hold your production. Improve it for fall and winter.

Fall Grains—Our certified wheat and rye, disease free, noxious weed free, gives so much better yields that the slight difference in cost is a sound business investment. Be certain of a high quality crop with Red Rock, Berkley Rock (red) wheats, American Banner white wheat, and Rosen Rye.

Fertilizers—Farm Bureau fertilizers are quickly available to plants, are extra fine, extra dry and easy running and regulating. For wheat, use 4-16-4. If you plan to seed clover or alfalfa next spring, increase the potash by using 4-16-8. Ask these dealers for Farm Bureau:

# SEEDS - DAIRY and POULTRY FEEDS - FERTILIZERS - OIL

Battle Creek F. B. Ass'n Bay City—Farmers Union, John Nieg-ler, R No. 5 Beaverton-Sam Asch Feed Store Beaverton—Sam Asch Feed Store
Bellaire—Farmers Mktg. Ass'n
Bellevue Co-op Ass'n
Benton Center Fruit Exch.
Belding Mktg. Ass'n
Big Rapids Co-op Bidg. Ass'n
Beulah—The Benzle Co.
Blaine—Edw. O'Connor
Blanchard. Warehouse Ass'n
Boyne City Co-op Mktg.
Bridgewater—Farmers Produce Co.
Britton—Paul Clement
Bronson Co-op Co. Bronson Co-op Co.
Brooklyn Co-op Ass'n
Brunswick—Tri County Mktg. Ass'n
Buckley—Farmers Co-op Merc. Co.
Buchnann—St. Joe Valley Shipping

Ass'n Burr Oak Co-op Ass'n Byron—J. Fred Smith Byron Center Co-op

Cadillae Co-op Mktg. Ass'n
Cadmus Farm Bureau Ass'n
Caledonia Farmers Elev.
Capac—Chas. F. Stiehr
Caro Farmers Co-op Elev.
Carsonville F. B. Local
Cass City—Farmers Produce Co.
Cass City—Greenleaf F. B. Local
Cassopolis—Central Farmers Ass'n
Cedar Produce Exch.
Cedar Springs—Harry Shaw
Central Lake Mktg. Ass'n
Charlotte—Farmers Elev. Co. Charlotte—Farmers Elev. Co. Charlotte—L. C. Kline, R. No. 10 Charlevoix Co-op Ass'n Cheboygan—S. A. Gain Chebsen—F. W. Merkel Chesaning Farmers Elv. Co. Clare—Farmers Ind. Prod. Co. Clarksville Co-op Elev. Coleman F. B. Elev. Ass'n Coleman Berrien Co. Fruit Exch. Colon Elev. Co. Columbiaville—Beattle Bros. oncord Co-op Co. oncord—Henry Hutchins Constantine Co-op. Ass'n Copemish—Onekama Farm Bureau Coopersville Co-op. Croswell Co-op Co.

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Doster Farm Bureau Exch.
Doster—John C. Killick
Dorr—Salem Co-op Ass'n
Dowagiac Farmers Co-op. East Jordan Co-op. Ass'n.

Enton Rapids Co-op. Ass' Eau Claire Farmers Exch.

Edmore Mktg, Ass'n, Elkton Co-op Farm Prod. Co. Elk Rapids Co-op Mktg. Ass'n Ellsworth Co-op. Ass'n. nira Warehouse Co. Elsie-H. F. Lewis Essexville-Bay Co. Farmers Union

Fairgrove—Frank Crosby
Fairgrove—Otto Montei
Falmouth Co-op Ass'n
Fennville F. B. Co-op, Ass'n,
Fenton—J. B. Hoffman
Fenwick Mktg. Ass'n.
Fife Lake—Gleaners Farmers Prod. Co. Flint—Harry Jennings, R No. 1
Flint—J. H. Taylor, R. No. 3
Fowler—Farmers Co-op. Elev.
Fowlerville Farmers Co-op.
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Frankenmuth Farm Bureau Freeport Co-op. Creamery Fremont Co-op. Prod. Co. Fruitport—Walter B. Farr Fulton—A. F. Codman

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Gd. Ledge Produce Supply
Gd. Rapids Growers, Inc. Grass Lake Farmers Elev. Grant Creamery Co. Grayling—Crawford Co-op. Mktg. Greenville Co-op. Ass'n.

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Hastings Co-op. Elev. Ass'n.
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Highland Producers Assis Highland Producers Ass'n. Highland Producers Ass'n.
Hillman Elev. Co.
Holland Co-op. Co.
Holly Grain & Prod. Ass'n.
Homer Farmers Elev. Co.
Hopkins Co-op. Creamery
Howell—Livingston Co-op. Ass'n.
Hemlock Co-op Creamery
Hudson—Farmers Co-op. Ass'n.
Hudsonville—Farmers Co-op Elev.

Ida Co-op. Elev. Co. Ionia—Jonathan Hale & Son Ionia—Mark Westbrook

Jackson-Geo. Loomis, R. No. 6 Jones Co-op. Ass'n.

Kalamazoo-Farmers Prod. Co. Kulamazoo-E. W. Southworth, R No. 6 Kent City Farm Bureau Kuwkawlim-C. P. Schmidt Kingsley Co-op Ass'n

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Lewiston Mktg. Ass'n. Litchfield Shipping Ass'n. Ludington Fruit Exch.

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Mentha—A. M. Todd & Co.
Merrill—Chas. Bow
Metamora—Hadley Metamora Agr'l

Ass'n. Middleton Farmers Elev. Middleton Farmers Elev.
Middleville Co-op. Ass'n.
Middland—Farm Bureau Sup. Store
Milan—Henry Hartman
Milford—Gordon Way, R No. 3
Millburg Fruit Growers
Millington Farm Bureau Local
Minden City—Farmers Elev. Co.
Moline Co-op Co. Monroe Farm Bureau Local Monroe Farm Bureau Local Montgomery—Tri State Co-op Ass'n Montague—White Lake Mkig, Ass'n. Mt. Clemens—Harmers Milling Co. Mt. Clemens—H. R. O'Mara, Flat Iron Mt. Forrest—R. K. Welchli Mt. Pleasant Co-op. Co. Munith—E. J. Musbach

Nashville Farmers Elev. Nessen City—Buckley Mktg. Ass'n. New Baltimore—Tosch Elev. Co. New Haitimore—Tosch Elev. Co. New Haven Farmers Elev. New Lothrop—G. C. Dillon Niles—St. Joe Valley Shpg. Ass'n. North Adams Co-op. Ass'n. North Adams—F. I. Williams & Son North Branch Co-op Store Northport-Leelanau Twp. Farmers North Star-Roy Wolfe North Street-Guy B. Sischo

Okemos Elev. Co. Okemos Elev. Co.
Onekamn Farm Bureau
Ortonville Ship. Ass'n.
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Owendale—John Gettles
Owosso—J. H. Beardslee & Son
Owosso—Farmers Co-op Elev.
Oxford Co-op, Eley, Co.

Parma Co-op Elev.
Parma—Fred Sackrider
Paw Paw Co-op, Ass'n.
Peliston—J. D. Robinson
Perry—C. H. Arnold
Petersburg—Farmers Mktg. & Sup. Co.
Petoskey Produce Co.
Pigeon—Co-op Elev. & Milling Ass'n
Pinckney—J. B. Livermore & Sons
Pittsford Co-op. Ass'n.
Plainwell Co-op. Co.
Plymouth—Levi Clemens, R No. 5
Pompeli Farmers Elv. Co.
Pontiac—Waterford Farm Sup. Co. Pontiac-Waterford Farm Sup. Co. Port Hope—Farmers Co-op. Ass'n.
Port Huron—Farm Bureau Feed Store
Port Huron—P. M. Stein
Portland Farm Bureau Elev.
Provement Co-op Ass'n—Lake LeelaVale Elev. Co.
Ypsilanti F. B. Ass'n Pullman Farmers Co-op.

Prattville Co-op. Asa'n. Quincy Co-op Co.

Ravenna Inc. Butter Co.
Reading Co-op Commerce Co.
Remus Co-op. Creamery
Reese Farmers Elevator.
Hichland—Cash Bissell
Richland—C. B. Kappen
Richmond—Fred Weeks
Rives Co-op. Ass'n.
Rockford Co-op. Co.
Rodney Co-op. Ass'n.
Rogers City Co-op Mktg. Ass'n,
Romnlus—A. F. Kinges
Roscommon—Carl Carlson

Saginaw—F. B. Sup. Store
Saline Mercantile Co.
Sandusky—Watertown Co-op Co.
Sandusky—Pearl Wedge
Saranae—Fred E. Cahoon
Saugatuck Fruit Exch.
Sawyer—St. Joe, Mich. Fruit Ass's
Sebewaing—J. C. Liken & Co.
Schoolcraft—Harvey & Stuart
Scottx—Walter Horsfall
Scottville—Mason Co. Co-op Ass's
Shelby New Era Mktg. Ass'n.
Shelbyville—Martin Farmers Co-op.
Ass'n.

Shelbyville—Martin Farmers
Ass'n.
Shepherd Co-op. Shipg. Ass'n.
Sheridan Produce Co.
Sherwood—Selby & Son
Sidney Mktg. Ass'n.
Silverwood—M. D. Lynch
Six Lakes Mktg. Ass'n.
Snover Co-op Elev. Co.
Sodus Fruit Ass'n

50. Haven Fruit Exch. Sodus Fruit Ass'n

So. Haven Fruit Exeh,

So. Lyons—J. B. Calhoun

Sparta Co-op. Mktg.

Springport—Croel Elev. Co.

Stanwood Co-op Ass'n

St. Charles—A. Loeffelbein

St. Chair—John Man Co.

Stevensville—St. Joseph Fruit Ass'n

Sterling—Farmers Co-op Ass'n

St. Louis—G. Co-op Creamery Co.

St. Louis—F. L. Sonley

Stockbridge—John Anderson, R No. 4

Sturgis Grain Co. Sturgis Grain Co. Suttons Bay—Leelanau Potato Grow-ers Ass'n. Swartz Creek—Wilbur H. Short

Tekonsha Farmers Co-op Co. Temperance—Erie F. B. Co-op.
Three Oaks Shipg, Ass'n
Three Oaks Shipg, Ass'n
Three Rivers Co-op Exchange
Traverse City—Farmers Co-op Ass'n
Traverse City—Ruthardt Growers Ass's
Trufant Farm Bureau
Tuscola Milk Products Co.
Tustin Co-op Ship, Ass'n

Ubly—J. E. Bukowski Union City Co-op Unionville—Farmers Elev. Co. Vassar-G. K. Thurston Vernon-W. H. Sherman

下 100mm Vestaburg Mktg. Ass'n Washington Co-op Co,
Warren Co-op Co,
Wayland—Fred D. Hilbert
West Branch Co-op Elev.
Whittemore—Iosco Elev. Ass'u
White Cloud Co-op
White Pigeon Co-op Ass'n
Williamston—J. W. Wagner, R-2
Willis—Gorton & Wright
Woodland—Farm Bureau Supply Store

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Zeeland Farmers Co-op.

# Farm Bureau Services, Inc.

221 N. Cedar Street

LANSING, MICHIGAN