#### **MICHIGANFARMBUREAUNEWS** Join The Farm Bureau and To Belong To The Farm We'll All Pull Together

**A Newspaper for Organized Michigan Farmers** 

Eighth Year, Vol. VIII, No. 13



By Mr. Legge. Washington-Speaking here June

28, over the National Broadcasting System on the American Farm Bureau program, Chairman Alexander Legge of the American Farm Board said:

"As we approach the end of the first year's operation of the Federal Farm Board we find one factor becoming more and more apparent, and that is that the fundamental step in the solution of the agricultural problem is organization.

With farmers organized, the adjustment of production and effective marketing of agricultural products would be comparatively easy. Unity of action is needed through every stage from planning and planting to marketing.

PROGRESS BEING MADE The difficulty comes in getting producers to co-operate, chiefly because there is still great difference of opinion as to just how to organize farmers so that they may properly deal with their problems in handling particular crops in this and that community. You no doubt realize that there is a wide variation of conditions that have to be met because of differences between commodities, the people who grow them, and the localities where Sec'y Winder in Mason and they are grown. These differences are better understood today than they were a few years ago as shown by the progress made by farmers in their organization work particularly during the last year.

interested is recognizing more fully sectional meetings of the northwesteach day that the first step is that of ern Michigan County Farm Bureaus organizing to the end that the farmer on Thursday, July 24. may have at least the same degree of At 1 p. m., July 24, he will speak at not go further than organizations of northern Newaygo counties. any privately operated industry. That At 7 o'clock at the Lakeview High privilege is in the farmers' own school auditorium, Lakeview, Monthands. Laws have been written with- calm county, he will address a supper in recent years to free farmers from meeting to be attended by members the restrictions of anti-trust regula- and guests from Gratiot, Ionia, Isations. In fact, under existing laws bella, northern Kent, Mecosta, Mus-

### **Editorial**

#### MICHIGAN SCHOOL DISTRICTS HAVE ADDITIONAL STATE FUNDS-LET'S GIVE THE TAX PAYERS CORRESPONDING RELIEF OR MORE!

Recent statements by Mr. Webster H. Pearce, State Sup't of Public Instruction, and Mr. M. B. McPherson of the State Tax Commission, regarding the especial importance of holding local school budgets to a minimum this year are particularly timely and should be taken to heart by every voter and school officer. Read the article headed, "State Asks Local Aid in Reducing School Taxes", on page 1 of this edition.

It also seems to us that the similarity of views between these two state officers is most significant. In effect they have united to say that rigid economy at this time is to the best interests of the schools, the taxpayers and the State. The fact that a State tax official and the head of the school system necessarily approach this question from vastly different angles lends great weight to any opinions which they hold in common on such a subject.

It behooves every eligible voter to be present at his school election July 14 and to insist that the joint admonitions of Messrs. Pearce and McPherson be translated into action by reducing the school budget for next year in an amount AT LEAST EQUAL TO the additional aid the district will receive from the Primary school fund and the Turner Act.

There never was a time when Michigan farmers needed the benefits of lower taxes more than right now. Many townships reduced their levies for this year below those of last year. Let's make this a real red letter year and cut the school budgets as well. Farmers have been warned that unless these cuts are made there will be little hope for additional help in the future.

It is true of course that there are some districts where emergencies exist that will prevent a cut in budgets, nothwithstanding the additional aid received. However, these are few indeed, and great care should be erercised to see that such emergencies are actual and not imaginary. This is not the time for unnecessary expansion.

**Coming For Picnic** And Supper Meeting of information on the subject. It is anticipated that by uniting both agencies under the auspices of the

Montcalm Counties July 24.

Sec'y M. S. Winder of the American Back of it all, I think everybody Farm Bureau is to speak at two big

collective action in the marketing of Amber Grove, 2 miles west of Scottfarm crops that exists in our most ville at a basket picnic dinner for highly organized industry. There is Grand Traverse, Manistee, Mason, Mereally no reason why farmers should costa, Lake, Osceola, Oceana and

the organization of farmers is per- kegon and southern Newaygo coun-

### SATURDAY, JULY 12, 1930

**STATE ASKS LOCAL** FURTHER RELIEF **Farmer Best Fitted** IN SCHOOL TAXES AID IN REDUCING **To Stand Depression** SOUGHT BY GROUP SCHOOL EXPENSES But Even He May Have To tions in such a way that would bring mmediate relief! Primary Fund Is \$4,000,000 Study School Financing With Resort to Emergency The working men in the cities are Greater Than In growing desperate with the thought of View to Equalizing Measures. facing another workless, payless win-1929. Costs ter after the part time summer they By MRS. EDITH M. WAGAR are experiencing just now. TURNER ACT WILL AID "How can I meet this financial situ-**REPORT TO LEGISLATURE** Many times each week this question ation?" is the question that we hear is put to me from farmers. They are McPherson and Pearce Urge more than any other one these days, living through a period of low priced Hope That 5 Mill School Tax not only from the farmer but by peofarm produce that has not been so **Benefits Passed Back** ple following many other trades in Can Be Limit For discouraging in a score of years: they To Taxpayers. life. face the highest taxes in the state's Districts. history; the majority of them are fac-In a letter addressed to assessing ing interest on a debt contracted when With an appropriation of \$5,000 they had expectations of farm prosavailable as a result of the action of perity; they find themselves unable the tate Administrative Board at its to make loans that might tide them recent meeting, the Educational Surover this emergency. They find the vey Commission appointed at the difference between the product sold close of the last session of the Legismeetings. and the product bought is far too great Commissioner McPherson announclature is rapidly completing prelimin-

ary steps that will lead to a comprehensive survey of the whole subject of school finance with the especial aim of equalizing the cost to taxpayers of giving each child at least the minimum education which the state laws require, Representative Charles H. Reed of Clio, chairman of the Commission has announced.

According to present, plans, the Commission expects to secure the services of Dr. Paul M. Mort of Columbia University, who has con-

And how we wish we could give ducted similar surveys in a number of States. It is expected that Dr. Mort will have the co-operation of the Ex-

periment Station at Michigan State College, where Dr. F. M. Thrun, recently appointed research associate in taxation and economics, has already brought together a large mass of information on the subject. It is agencies under the auspices of the Commission, definite recommenda-

"The action of the Commission represents the second step in a general program of school tax relief, of which the Turner Act was the first," Chair-

man Reed said. "The Turner Act has done a great deal of good, but it was Olds, Lansing, the host of delegates never the thought of the Legislature and friends of the Michigan Elevator that an appropriation of \$2,000,000 Exchange, co-operative grain and was sufficient to meet the full needs bean marketing organization, will of the State in equalizing public gather for the 10th annual meeting most effective way."

of our efforts that will make it report the business year just closing urban and rural should be benefitted nage.



commission, definite recommendation for the next Invites Members of Affiliated Foreign Nations To Prevent Co-ops To Attend Dinner.

### Tuesday, July 15 at noon at Hotel

MRS. EDITH M. WAGAR

"I hope to see legislation grow out ations. At the 10th meeting it will dress July 3.

ment. Thousands of taxpayers, both closing it handled its greatest ton- planning is done.

with no prospect of immediate adjustment. And the great quandary now is of letting the tail go with the hide, or to give up and get what you can and then drift.

While we deplore the fact that our common people the great army of industrious laboring people together with the millions of hard working patriotic farm folks should suffer for the real necessities of life in this great America, known the world over for its freedom and its wonderful opportunities for homes and families and (Continued on page two)



Any Dumping on Our Part.

ares to prevent dumping of an Ameri- many school districts. There are many can surplus wheat on them by raising people who doubt the ability of local import barriers; therefore, American districts to control local taxes to the farmers must reduce their wheat point where further State aid will school costs. We will now consider and program. Dinner is at 1 o'clock, crops and the cost of producing wheat give the relief to taxpayers that is how additional funds can be used to The Exchange markets grain and if they are to have a profit from it, intended, and it is known that the resupplement the Turner Act in the beans and buys grain as needed for said Alexander Legge, chairman of the sults of the Turner Law will be care-105 Michigan farmers elevator associ- Federal Farm Board in a radio ad-

Sec'y Arthur M. Hyde, of the U.S. possible for every school district in the second best in its history, that it Dep't of Agriculture, predicted that the State to operate on a tax of 5 will start the new crop year with the wheat prices for the next 6 or 10 years mills or possibly less, if reasonable strongest financial standing in its will be lower than they have been in economy is exercised in its manage- history, and that during the year just recent years unless some skillful crop

Mr. Legge said that ov

STATE'S NATURAL RESOURCES

Bureau Is "A Mark of

Distinction"

Issued Semi-Monthly

officers throughout the State, Mr. M. B. McPherson of the State Tax Commission on July 9 appealed for cooperation in reducing local school budgets at the coming school district

ed that there will be an increase in the primary school fund for the comwhether to hang on and run the risk ing year, and that since many districts will also receive assistance under the Turner Act, there is a real opportunity to reduce excessive school taxes

this year. Mr. McPherson also gives warning that the attitude of the Legislature on the subject of further assistance to over-taxed school districts will probably depend upon how the new funds that will be on hand this year are used. He does not believe the Legislature will sanction the grant of further school aid unless the aid that has already been given results in a reduction from the school tax levies of

last year, but considers that if it develops that the benefits of the inreases State aid are passed back to he taxpayers the chances of further elief are very good.

The statement of Commisioner Mcherson has special significance in iew of the fact that he is a member of the Special Commission of Inquiry into Taxation, created by act of the last Legislature. It is known that members of this Commission have given much thought to the problems of controlling tax increases and also to

Foreign nations have taken meas- the need of additional State aid in fully watched to see whether further legislation along these lines are justified by the results.

Mr. McPherson's statement is in line with a warning issued to school officers by State Superintendent of Webster Public Instruction, H. Pearce, sometime ago in which he gave it as his opinion that the pro-

mitted to an extent that probably ties. never could be accorded to private May 21 and 22 Mr. Winder addressquantity of farm products that may nature at Clarkston, Oakland county, be handled by groups of farmers who grow the crops and hold the full right to sell them.

gether large units of products be- ation: other individuals. The privilege of selling in large quantities makes it Every orothody business reces ducts collectively that they never have refuse to let their wages be sheared, do the cutting. a glut. If there is any surplus they can keep it at home and save freight.

aiding farmers under the provisions of the Agricultural Marketing Act, I wish it were possible to bring about the amalagation, consolidation, or merger of all of the great national farm organizations. As you know, there are several of the so-called general farm organizations in this country which might some day be brought under the same roof. Imagine what power these organizations could generate if their forces were all mobilized into one unit and put to work organizing farmers to improve conditions for agriculture.

I am sure that collectively they present system where several groups position where we can begin anew of over-lapping functions. of national organizations are striving in constructing a tax system for the for pretty much the same end. How- state. Granted that we should be-

The hope of bringing them into one general organization may be a long In the first place we might (Continued on page two)

SEC'Y M. S. WINDER and Hastings, Barry county. Nearly agencies. There is no limit to the ed two big meetings of a similar 300 attended the dinner and meeting (Continued on page two)

### Who'll Be The Goat?

by the thousands, each selling his swollen stocks of copper, wheat, wool, can't move to cut prices any more. Bureau have been active in urging noon. Speakers are Hon. Chase S. Os- nation. own crop and competing with the radios, automobiles and what not, in have never heard of the flood, or re- that since much of the present ex- noon. Speakers are Hon. Chase S. Os- nation. born of Sault Ste. Marie and Mr. Con Mr. Legge said his address was in-

Every orothodx business recession Heretofore there has been a pretty State made standards which the local possible for even an untrained group of farmers to market collectively to a possible for even an untrained group of farmers to market collectively to a who will shoulder the burden of re-thing, profits, prices, wages. Now the State to equalize these expenses. The department of Public Instruc-The department of Public Instrucbetter advantage than is possible under the old system where the private agency, with no control over the flow of the commodity, takes the product as it comes. It has been Stockholders decline to offer their

the flow of the commonity, taxes the product as it comes. It has been clearly demonstrated in this country that producers of farm crops can so regulate the marketing of their pro-

the Commission."

through reductions in their local The Exchange handled 4,482 cars porting nation except one has passed plied to reduce taxes. Commissioner school taxes as a result of the work of as follows: Wheat 1,509 cars; beans laws restricting wheat imports, and McPherson's letter reads as follows: 1,281, oats 529, corn 1,064, rye 227, some bar importation of wheat at any To Assessing Officers:

The survey is the result of a general barley 266, buckwheat 6. The busi- price level beneath the market price We deem it advisable that you compublic demand for relief from the in- ness of the Exchange usually totals in the country in which the wheat is municate with each school board in and employers punctiliously protest against touching a hair of consumer which vary so much that while some better than \$9,000,000 annually. Delegates and farmer members of the same thing. If snother nation the same thing is another nation Great advantage comes to farmers Says the Business Week, New York, purchasing power. The raw material districts pay only a one-mill tax local elevators affiliated with the Ex- the same thing. If another nation view of the fact the State is distribut-Great advantage comes to farmers Says the business freez, new for the fact the state is distribution other have been taxed at rates in exso bald through falling prices and cess of 60 mills. The Michigan State of the Exchange at the dinner, speak- our tariff laws automatically increase School Fund in the history of the gether large units of products be-cause they have a better bargaining Haven't we been surprised to find rates that they have nothing left to the regular import tariff the amount state, and that many school districts and the amount state, and that many school districts and the amount state, and that many school districts and the amount state, and that many school districts are in chains and the amount state, and that many school districts are in chains and the amount state, and that many school districts are in chains and the amount state, and that many school districts are in chains and the amount state and th cause they have a better bargaining Haven't we been surprised to find power than when they come to market ourselves loaded up with the same old clip. Retailers are in chains and Association and the Michigan Farm ball room of the Olds Tuesday after- of the bonus on that product from that the accuring considerable aid from the the regular import tarin the amount are securing considerable aid from ball room of the Olds Tuesday after-

> McCole of Wilkesh Barre, Pa., a tended to be a warning that there is reduce their budgets for the fiscal The annual business session of the the thought of dumping surpluses ing relief from the excessive rate of

MICHIGAN AND ENGLAND

Michigan is blessed with an abundand oil.

no solution of the wheat surplus in districts should be benefitted by securyear 1930-1931, the taxpayers of the

> The primary fund for 1930 is anproximately \$4,000,000 more than the

One Farm Organization In connection with the work of Need Eternal Vigilance In Tax Expenditures

## **Ohio Man Answers Some Tax Questions**

We reprint from the June bulletin of the National Tax Association the following article prepared by Dr. E. S. Todd of Miami University, Oxford, Ohio, under the title, "Ohio's Opportunity in Taxation." Dr. Todd is a member of the Governor's committee of seven on tax revision in Ohio, and our readers will doubtless be interested in knowing some-thing of the trend of thought in our neighboring State.—Ed.

By Dr. E. S. TODD Miami University, Oxford, Ohio | make such adjustments as to save Ohio has removed one of the chief thousands of 'dollars to the taxpaycould accomplish results more quickly constitutional barriers to tax reform. ers through the consolidation of than it is possible to do under the We are therefore substantially in a governmental units and the abolition we want a new tax system, what trol of property assessments will go with public supervision of the local Persons With Incomes Should Pay

#### Can Approach Ideal

What Mr. Graves says of New first note what it will not and can- Third, no tax system, however perever, because of their different ways gin anew, ignoring all past taxation York may be true of Ohio. It it is not accomplish. In the first place fect, can or will of itself and of equitable evaluation of realty. of approaching the problem and the laws but working under present con- true, then we shall have to admit we shall not find a new heaven and necessity lower tax rates. There fact that some of these organizations stitutional restrictions, what should that we cannot have an absolutely a new earth with all our troubles has been a great and a just cry for have been in existence for a long we do in order to construct a work- ideal tax system as long as these con- settled for years to come. No mat- the lowering of tax rates particularperiod of years, there exists a perfect-able tax system —a system that ditions pertain. Mr, Graves' answer, ter what kind of tax system we may ly on realty. In all the states taxes ly natural difference of opinion as to the ground which should be covered would be thoroughly adapted to however, is a negative one. Answer-adopt, this year or next, there will on real estate are absorbing an unthe ground which should be covered. Ohio's present industrial, commer- ing the question in positive terms, be the continued necessity for study due portion of income from that

In the first place, we might natur- tax system if we will eliminate justments to new conditions that sources of income in order to lesstime in materializing. Meanwhile the ally ask whether it would be pos- prejudice, purely selfish interests cannot now be foreseen. Federal Farm Board is trying to help sible to have an ideal tax system. and personal or political bias. We Secondly, no tax system, however new sources of revenue should stated as follows: commodity selling organizations in on New York conditions, answers in with a willingness to take a new and forgotten or neglected in private af-which the members of any and all of the negative. He asserts that polic fresh viewpoint; is it too much to ex-

use of public funds.

Tax System?

should we expect to accomplish far toward the solution of problems budget; the consolidation of small through its construction? Let us of justice and equity in taxation.

we can have an approach to an ideal of administrative methods and ad- source. The cry has been for new

work out the marketing problem by Mark Graves, of the New York State are learning to styldy private business perfect, will run itself. This is a reduce the burden on realty but aiding in the building up of large Tax Commission, in a recent address problems with an open mind and truism, but how often it has been there can be no absolute assurance

the present national general farm the negative. He asserts that poli- fresh viewpoint; is it too much to ex- fairs, let alone public affairs. We will be doomed to disappointment if organizations can participate. Substantial progress is being made along riers to progress in taxation. He de-stantial progress is being made along riers to progress in taxation. He de-with this point. No tax system, how-or indirectly, help bear the burden of along that if notifier along that if not the state tax comthat line. The rapidity with which clares that if political influences ness problems? I take it that here mission down to the local assessors. ever perfect, can by any magical taxation. There may be a few exwere removed, we could immediately is a great opportunity for the con- There is no magic in using new process reduce rates on any income ceptions to this principle, such as in community than that in which he

Bear Taxes

all the various commercial and farm poses which will of itself do away eternal vigilance over expenditures. lic bonds, but the exceptions are few. organizations in furthering the con- with the present evils of poor judg- As long as we decide to increase This is an opportune time to call tinuous study of problems pertinent ment in the valuation of property our public expenditures, some one your attention to the recent report to public finance taxation. I know for taxation purposes; or of poorly must pay for them. If we blithely of the Ohio Tax Commission which must pay for them. If we blithely of the Ohio Tax Commission which with respect to taxa. public opinion with respect to taxa- assessments as respects persons and be willing to pay the bill. Di- lars' worth of property in Ohio is tion and incidentally for the elimina- communities. In our search for new versified sources of income should now exempt from taxation and that tion of whatever political barriers revenues we cannot afford to ne- equalize tax burdens as respects the amount is increasing every day! there may be to a more economical glect this vital point. New sources classes of property and persons, but Do we not have a problem here that of revenue, coupled with methods of the problem of local rates and levies calls for careful study? I venture What Should We Expect of a New local assessments that have changed is far more intimately connected the assertion that at least one-third little in a hundred years can be of with the regulation of spending. The of this amount could be restored to Returning now to our original little avail. New sources of revenue complete solution of the problem of the tax rolls without doing violence to proposition, suppose we agree that accompanied by business-like con- rates is therefore closely bound up principles of justice in taxation.

Local Taxes

tax jurisdictions; the consolidation 2. Every person receiving an inof functions; and the more exact and come from property or personal services should contribute directly

Turning now from negative an- to the support of local government. swers to our question as to what we The way to interest a citizen in local sert) a few positive propositions. In some limitations on this doctrine in the first place, the tax system should cases where the cost of gollection be a coherent structure based on a equals or is greater than the revenue few simple and workable basic prin- received, but the principle is a reaen the burden on realty. Of course, cipies. These principles may be sonable one. For example, there is the citizen who owns stocks of Ohio corporations. He is now exempt

from taxation in Ohio on the score 1. Every species of private prop- that he is already taxed through the

All Private Property Should

tinued and extended co-operation of sources of revenue for taxation pur- or on property unless we exercise the case of household goods or pub-

MICHIGAN STATE FARM BUREAU, NEWS

#### SATURDAY, JULY 12, 1930

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| MICHIGAN FAR   | M BUREAU NEWS  |
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5. Be loyal and believe in the organization and its future.

#### WHERE DO WE GO FROM HERE?

The present business depression continues to run its course and now stands revealed as a reaction of world-wide proportions, says the National City Bank of New York in its July letter on economic conditions.

Depression in the United States-the world's greatest market-has spread all over the world where people are producing goods for our consumption.

The fall in commodity prices has reached large proportions. For May wholesale prices were the lowest since 1916, though still 27% above the 1913 average. There is nothing in the situation to warrant the theory that the world has been suffering from a shortage of credit, says the Bank. In fact it would seem that it has had too much credit. The report continues:

Prices fall by reason of general paralysis of trade and gradually the situation created by inflation begins to unwind, but the process is a painful and an irregular one, for no beneficent and all wise authority directs its course, and the markets have to find their proper relation to each other through the free play of economic forces. " • • • retail prices have always been slower to recede than wholesale prices, largely by reason of the element in cost accounted for by wages and salaries, and the present affords no exception to this rule."

On the other hand, continues the Bank, "such business recessions as we have experienced during the past 30 years have usually passed the turning point sometime during the year following the commencement of reaction, and while the rate of recovery has sometimes been slow at first it, nevertheless, has been steadily upward until normal levels were once more attained.

"Low prices for agricultural products unquestionably add to uncertainty regarding outlook for business this fall. At the same time it must be remembered that the crops are not all made yet and a good deal can still happen to erops in this country and abroad that would change the situation materially. A year ago in May wheat was selling below \$1.00 a bushel, yet within two months crop shortage in Canada had raised the price to \$1,50."

#### but say we can not afford the new armers Best Fitted consolidated school just now, even if

we hoped they might be.

ith or another winter ahead and no iel to keep them warm.

We Have a Job

No, farm folks do not know what hey would do under such circumstances. We always have a job anycan always find something for fuel

if we but look around. It takes hard

State Asks Local Aid In Cutting School Cost mistakes. Would it be safe to say

then that if we do follow in their Continued from page one) then that if we do follow in their tax levies of last year, that the ten- footsteps we must consider some dency of the Legislature would not be such program as this: to favor additional aid for school pur- 1. Retention of taxes on realty to

poses. If people generally will co- meet between 50 and 70 per cent of operate with the taxing officials at the total tax burden. this time, we are certain that ad- 2. Partial retention of taxes on inditional aid may be secured, which tangibles, for example, as in New

should result in the not far distant York, mortgage recording and stock future in great relief to all school transfer taxes. districts having an excessive rate of 3. Some form of personal income tax as is now the case in almost the-

taxation. Very truly yours, third of the states. M. B. McPherson, Commissioner, 4. Some form of income or pro-State Tax Commission. duction tax on business.

5. State franchise taxes. **Organization Is First** tax on gasoline.

Step, Says Mr. Legge

results can be obtained largely depends upon the support given the movement by the farm organizations such as the one I am addressing today, by the land grant colleges of the property valuation. extension service forces, the Federal derstood that no attempt has been point in each county and township Board for Vocational Education, farm made in the foregoing discussion to roads will receive full consideration. boys' and girls' clubs, and other present a hard and fast program for According to present plans 14 counts agencies now in existence. We have tax reform. I have merely tried to will be made at each location selected had a lot of excellent support from all place before you what I conceive to for study during the course of the these organizations, and the Federal be Ohio's opportunity with respect next year. This will represent two Farm Board earnestly requests the to possible taxation reform and to counts on each day of the week, continuation of that support to the present what I conceive to be the scattered out through each of the end that the best possible solution of chief problems that must be consid- four seasons. agricultural problem may be ered by every citizen of Ohio if he Information will be obtained by arrived at as quickly as it is human- is to do his part in approving or dis- actually stopping the cars and inquirture welfare of the state.

#### **Need Eternal Vigilance** Coming For Picnic In Tax Expenditures

again is a case where one may vote nation are doing about such matters. ship roads in some localities. increases in expenditures knowing

Equitable Share

should contribute an equitable share the present system of taxation in Ohio there is not equity in such taxation. Can a means be found by which business shall contribute its

4. So far as possible the system of taxation should be so constructed less to attempt to plan for them but this ideal through a mere revision of our greatest blessings even if it does young man, striving for a home and or shall we be forced in part to renot bring us the returns we feel jus-a place in fitting society who is now sort to taxes on income and profits?

### possibly go a step further than they have gone through profiting by their U. S. AND STATE **START ROAD COUNT IMPORTANT TO US**

#### Township Roads Covered In Information Sought For Road Financing.

With a field force of 60 men fully instructed as to their duties and dispatched to various parts of the State, the survey of traffic on Michigan's highways is now definitely under way 6, Retention of such excises as the and traffic counts will be started in all parts of the State on July 15, the 7. Some form of estate and inherl- State Highway Department announces. The survey is being made by the 8. Re-organization of administra- State Highway Department in cotive machinery, state and local, look- operation with the U. S. Bureau of of highways before it is completed. In conclusion let it be clearly un- Actual counts will be made at some

y possible to bring about the neces- approving a tax program for the fu- ing where the car came from. When the count is finished it will be possible to say what per cent of the travel originated inside the township, the county and the state.

While the survey will not be com-And Supper Meeting pleted within less than a year, it apcontinued from page one) Continued from page one) pleted within less than a year, it ap-resides, he does nothing to support at Hastings. Mr. Winder is a very pears that sufficient information will the local community to which he interesting speaker and always has be available by January 1 to enable owes political allegiance. Equity in something worth while to present. As the Legislature to act intelligently taxation demands that we find some secretary of the American Farm Bu- upon the appeals of farmers for imway to compel him to share the local reau he is a widely traveled man. mediate relief from excessive townpublic burden. Then there is the Perhaps no man has a better oppor- ship road taxes. These demands will citizen who owns no property at all. tunity to see for himself the changes, be materially increased over previous t is argued that he pays taxes in- the developments and the problems of expectations as a result of the need directly through rents or prices. This American farmers today, and what for funds to reimburse village for may sometimes be the case, but here farmers in various parts of the sums erroneously expended on town-

> Farmers are urged by the Michigan this survey. It is pointed out that while it may at times cause some in-Thursday, July 24 from 10 a. m. to convenience to be compelled to stop 4 p. m. a basket picnic at Amber and answer the questions that will be Grove, 2 miles west of Scottville, 1/4 asked, this information may provide mile south of US-10, 6 miles east of the basis for the road tax relief that farmers are asking for, to that the Basket picnic at noon. Speaking time will be well spent. Every effort program at 1 o'clock. Mason County should be made to see that the officers Farm Bureau plans to give a rural are supplied with full and accurate play after dinner. There will be a information.

> Farm Bureau, which has added 153 Group Studies School **Costs for Tax Relief**

Continued from page one) trative Board which released the \$5,000 to the present commission. The proposal is also said to have had the endorsement of Governor Fred W. Thursday evening, July 24, at 7 Green.

The plan for arranging for cofortunate, as the College has already

To Stand Depression we do desire the more advanced Continued from page one) methods of such a system; we can de-mfort and contentment, yet we mand a halt on \$25,000 per mile conust face facts as they are and not crete roads until wheat leaves the 85c mark; we can turn deaf ears to de-

It seems foolhardy for us farm mands for new court houses and jails liks to attempt to advise our city and offices until the taxpayers can see iends in distress; we admit we don't their way out for paying their next now what we would do without work tax without sacrifice to all comforts of to the support of government. Under busy our brains with when we know life. Our greatest tax burden is the syments or rent is due and must be one closest at home and it is within aid, or to see our own children with- our power to govern that if we but at food in sight and nothing to buy have the courage to do so. I realize it is useless in many in-

stances to advise economy because we any circumstance and it is almost useway, and we must call that fact one when it comes to the earnest energetic tice should give us. And we can find handicapped with a debt and growing something to eat to keep soul and demands of progress, I feel that a rebody together even if it is not the trenchment on his part for the time variety that we might prefer and we being is advisable and necessary. Horse Sense is Safe

I have not been the one to advocate distant future we must carve out The Lakeview Chamber of Com- devoted considerable time and effort work to get it in available shape. And any fixed system for farm folks other more precisely the respective spheres merce is co-operating in this meeting. to a study of the school tax situation, der existing conditions I truly be- than a fair price for his labor. of the states and the federal govern- Mr. lieve the farm is a God given haven to always felt that a farmer should be us where we can weather the storm. free to spend his money as he liked. nue. But we must return to the If he got a reasonable price for his conomies of a few years back. We wheat it was no one's business if his economies of a few years back. We should call a halt on any further expansion until this crisis is passed and we have again settled down to normalcy. I feel that the easiest and quickest way to bring about a re-ad-During the past thirty years we justment is for everyone to pledge it or bought his butter rather than building pretty largely from the chemical products, automobiles, enthemselves to a policy of buying noth- save a deal of milk each week and counties to the state. There is aling whatever except the most press- made the family requirements along so a very strong tendency to shift frigerators. ing necessities. And farmers would that line. But when there is so little a large part of local rural expendihave the great advantage over all money coming in as at the present tures for education to the state; and other classes under such a policy for time, I can see where it would be a then we are bound to face the proswe can supply our entire needs if put wise move on the farmer's part to pect of new burdens such as old age o it. I have never advocated under spend as little of it as possible. And pensions, etc.,-where is the money normal times, a policy of most rigid farmers can live through a "siege" economy by any class or group, be- longer than any other class if they tures? Most certainly the state cancoming from to meet these expendicause I have felt that it would be more only determine to do so. not find additional revenues from Just now, while all agree that the sources now used. The gasoline tax at a "greater income" program that farmers has been denied his rightful is a very fine help in time of trouble, would tend to keep both agriculture share of the world's money for a but, even here, there is a limit to and industry active and coming, and period much longer than any other the burden. It may be that through certainly would advise those who class and still suffers the same in- the re-organization of methods of

rect burden of taxes?

ary changes.

that he will not bear the burden of interested counties and their friends State Farm Bureau to co-operate to paying the bills. Should some way are invited to attend these meetings. the fullest extent with the State and not be found to make him bear a di- Necessary information, is given be- Federal authorities who are making Every Business Should Carry An-3. Every

fair share, no more, no less? program of sports. Mason County have many people who are naturally that taxes shall be borne by the bining its annual county picnic with property or persons intended to bear this meeting. This meeting is for these the burden. Can we bring about counties: Grand Traverse, Manistee, Mason, Mecosta, Lake, Osceola, or revamping of our property taxes, Oceana, northern Newaygo.

There should be a same and o'clock, supper to be served at the workable division of revenues be- Lakeview High school auditorium at operation between Michigan State Coltween state and local jurisdictions. Lakeview at 50 cents per plate. Res- lege and the Commissioner, if carried Indeed, the problem is more far- ervations should be made with W. C. out, would seem to be especially reaching than this; for in the not Jamieson of Lakeview.

low:

business enterprise Ludington

#### AMERICAN FARM BUREAU FEDERATION

LEGISLATIVE HEADQUARTERS.......Munsey Bldg., Washington, D. C. 

### **Editorials**

#### CANAL RIVALRY ENDED-NEW YORK STILL HOSTILE

The State of New York, as represented by shipping interests centering in New York City and its harbor, are not likely to be found lending any genuine support to any movement that will benefit shippers throughout the nation, if such movement in any way subtracts from the tonnage that now pours in and out of New York's congested harbor facilities, for the lack of better accommodations elsewhere. Traffic experts say that the extra unloading and re-loading that marks every trans-oceanic shipment, in-bound or out-bound, is a heavy burden on shippers and consumers, but it is a profitable business for those engaged in such handling, and supports numerous minor business attached.

Accordingly, Senator Copeland of New York City, has let it be known that he is opposed to any canal, just as much as he is opposed to the St. Lawrence canal, which is the direct route to Europe and would deprive New York harbor of enormous tonnage. Senator Walsh of Montana got the New York Senator on record in the Senate recently after Congressman Dempsey publicly abandoned his long fight to force the United States to accept the Erie-Oswego canal as a substitute for the St. Lawrence waterway. New York State, outside of New York City, and the rest of the country protested Mr. Dempsey's program so vigorously that at last he had to yield, but he came perilously close to putting it over.

The United States is likely to take over the Erie and Oswego canals as a barge canal at an annual operation and maintenance cost of \$2,500,000. Observors believe that political danger from that quarter to the St. Lawrence project is ended, or at least narrowed to New York City obstruction.

#### NO SECRETS

al. There are no secrets in this organization. If you are not well informed on any subject concerning the organization, come to the office or have the office send a field representative to your home.

2. Do not get discouraged because we do not attain great power over night. This is the work of a generation. Remember that strong, healthy trees grow slowly; weeds grow fast.

3. Co-operation is not the cure-all for the ills of the shiftless and careless. That type will find fault anywhere. Don't invite them in.

4. This is your organization. You are the boss. If something

progressive and enjoyable to work could afford to do so, to go on buying justice, yet we are envied by the great assessing corporations, the state will and hiring and making as the usual multitude of world workers for the he able to secure ample revenues nstom in order that the practical op- opportunity we have in our power to without resorting to any direct taxrations of their farms might go on help ourselves.

nd that they might maintain a reaonable standard of living. At the same time proceed to work INFLATED LIVING out plans for marketing and economic production that in time all might enlorse and subscribe to. We Can Economise

But there are thousands and thousands who do not know which way to turn and I feel that they have still a great reserve from which they can draw if actually put to it. Many are using tractors and gas engines and trucks and autos that require gasoline some 4,000,000 due to slowing up of fixed by others. It has been comfort- major readjustment which is going to able and satisfying to operate a farm force many people to recede from the with these modern appliances but they standards of living and expenditure ower the consumption of our farm attained during the past 14 years. So rops and they take many farm dollars said Congressman McFadden of Pennto maintain. And that dollar is what sylvania in an address before the commands as great respect in the United States Daily. world's business as any other dollar. Mr. McFadden said that during the garden truck, we can have a local ex- country was brought to the point turn, we can go back to pancakes and built on the anticipated profits of the construct a tax system for Ohio, will johnnie cake and mush, we can bake next year's pay checks. He said: cure our own meat, we can grow and deeply seated to be met by prothere's all kinds of ways where the farmer can manage and wiggle through We can even stop added tax if we state in the Union.

es on general property, but it is more than probable that the state and local governments will have to share the income from new sources of revenue yet to be devised. The Character of a Tax System To Be

**Built on These Principles** 

Finally, what must be the character of a tax system to accomplish these purposes? In the first place, the question comes to us, whether, in the construction of a tax system,

we shall be governed by principle to a 1913 level and a labor surplus of iency? It is safe to adsume that we of justice or by principles of exped which must be purchased at a price production, is reducing wages in a tem wholly on abstract principles of economics or ethics. For example, we are led by the theorists to believe that taxes on the distribution of income are ideally best because income is the best criterion of ability to pay we must plan not spending until it House July, 3, and reported by the but we would get into infinite trouble if we tried to apply this principle for example, to the ownership of We can grow a greater variety of World War the individual in this realty. So we must assume, that to a large degree, the principle of exhange of our own and share with our where he was living beyond his pediency will be mixed up with the neighbors, we can can and dry and means, and that the greater part of principles we have discussed. Aspickle, we can make over and dye and the American basiness structure was suming then, that we shall try to

we be compelled by the force of cir cumstances to follow the road travel our own bread and cookies, we can we find ourselves is too sustained led by various European countries or such of our state as New York and nouncements that it does not exist." Massachusetts, or shall we be able to revamp old or devise new methods Michigan's shore line is 1.624 miles. untried by them? It is safe to as-If need be, rather than lose his home. This is the longest shore line of any sume that we will follow in their footsteps with the hope that we can

C. L. Meach, ment as respects the division of reve- give the address of welcome. Pres., F. W. Johnson and Sec'y W. C. Jamie on are planning the meeting.

g0.

Counties participating are Gratiot Ionia, Isabella, northern Kent, Me-

Lakeview Meeting

All Farm Bureau members in the

Scottville Meeting

costa, Muskegon and southern Neway-

postmaster, will and while Dr. Thrun was only recently appointed to a full time position he assisted in the planning of this work while engaged on a special appointment two years ago.

JELLIED BAKED APPLES

Bake apples in usual way. About ten minutes before they are done, re-Michigan ranks first in bromine, move from oven and fill centers with calcuim chloride, sand lime brick, rasin jam. When filled, return apgines, threshing machines and re- Serve hot or cold, with or without



cream.

### **Keep Them Growing**

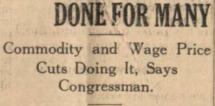
Only well grown, heavy bodied pullets will lay profitably this fall.

Neglect of your growing pullets now means higher cost eggs later on.

Farm Bureau Growing Mash fed with scratch grains or Mer-al-mash 16% with grain to keep body weight up will grow your pullets into profit making hens.

See your local distributor of Farm Bureau supplies for the full line of Farm Bureau open formula Poultry Feeds.

> FARM BUREAU SERVICES, Inc. Lansing, Michigan



Commodity prices are being reduced

SATURDAY, JULY 12, 1930

# Method To Get Alfalfa Stands On Light Soil

State College Soils Man Reports Success Four ing sand. Straight Years On Light Sandy Soils; Explains Advantages of System And Planting Procedure

#### By A. G. WEIDEMANN

Soils Department, Michigan State College, in the Quarterly Bulletin of the Experiment Station for November, 1928.

ess.

fice one season's crop.

Those who have had experience . with alfalfa and clovers on the light | seed beds. This method has also

soils of Michigan know that seeding of these crops are as difficult to ob- ier types of soil, but, on the sandy sandy soils near Grayling, many distain as the crops are important. There are several methods for seedthe legume in stubble in late sum- to germinate. mer been successful four years in succession.

Perhaps the most common method of seeding these crops is that of seeding in spring with either fall or spring sowed grain. This method proves reasonably successful on the heavier types of soils which are capable of holding enough moisture to support two crops, but, too often there is not enough moisture in sandy soils to support both crops and, as a result, the legume crop is sacrificed:

#### Difficulty With Shifting Sand

21,890 MICHIGAN

**FARMERS USING** 

In 1930; Developing

Fast.

convention of the Michigan Electric

whom service was taken by Michigan

public utilities last year was greater

than the number of new customers

added in any other state, except Cali-

farmers are getting over their fear of

building up a real power load, one

profitable both to them and to the

utilities. Hence several companies

already report that the average farm

fornia.

customer.

**ELECTRIC POWER** 

Another common practice, especially for sweet clover or alfalfa, is legume seeding for moisture; while, to seed them alone in June, July, or at the same time, the thinner the moisture from the soil.

dent E. L. Edwards July 1st, at the tion of one country.

be in preventing injury from shift- decrease the amount of evaporation when cut green will leave a good half of the area was seeded to alfalfrom the surface of the soil.

Third-While the manure top shifting with the wind and takes no moisture from the soil, it usually as great a competitor for moisture often the case on heavy soils, but

as any nurse crop. Summer Seeding in Stubble proved very successful on the heav- forts to get seedings on the light

soils which are easily shifted by the couragements were met until the

ed to prevent injury to the legume ture content is more constant. seeding by shifting sand. While Such soils have such a low water

ooth of the above mentioned methods saturated to considerable depth after without the desired degree of suc- a July or August rain. Such moisture conditions would be ideal for

necessary for the farmers to sacri- seeding in stubble are: First-The stubble prevents the grain crop would compete with the thereby cutting off the seedlings.

Second-The stubble takes no

Fourth-It holds snow in the win- good hay as oats or oats and peas, experiments, the soil was rolled with was not signed. If sender will write dressing tends to prevent sand from ter which forms a protecting blanket By using any of these crops, either a heavy concrete roller after seeding. the Clothing Dep't, the order will be cut green for hay or allowed to rip- On October 12, when the last obser- entered for September delivery. over the new seeding. This method of seeding would en for seed, one is enabled to harvest vations were made, the stands of carries with it enough foul weed probably be unsatisfactory in fields a crop from a field the same year both alfalfa and sweet clover, which Good Cows Can't Hold seeds to produce a crop of hardy where large numbers of weeds are that the legume crop is started. vigorous weeds which would be just growing in the stubble as is very The idea of seeding in stubble was stand of sweet clover which had been

those conditions are not so common conceived by the writer in the sum- top-dressed with manure, was very on sandy soils, especially if the mer of 1925. That year rye was re- patchy and largely obscured by a best of cows yielded only an amount In experiments carried on in ef- grain crop follows a well cultivated moved, the soil lightly harrowed, crop of weeds. The sweet clover on alfalfa sowed, the soil harrowed the high spots of the field where it crop.

Kinds of Stubble To Use In following the method of seeding winds it is not uncommon for whole practice of summer seeding in grain in stubble, one finds advantages and roller. The results so far as the sand,

ing these crops which have been fields of new seeding to be destroyed stubble was adopted. There is us- disadvantages in different kinds of alfalfa seeding was concerned, were used with varying degrees of suc- by shifting sand. In many cases ually less moisture in the soil at that stubble. Rye, which is the best remarkable, although a crop of rye cess. In our sand land studies, how- seeds are uncovered or deeply bur- time than in early spring but the adapted to light soils, leaves a very was also produced which had to be ever, we have found the seedings of ied before they have had a chance temperature conditions are more fav- good stubble but it has the disad- clipped. The following season, beorable so that, if seeding is done af- vantage of shattering somewhat and ing an average one, the experiment The practices of top dressing with ter a rain, germination takes place leaving seed on the ground which was repeated with equally good renanure or using a light seeding of quickly and in a very short time the produces a crop that is not killed off sults. The next year, 1927, the ex- with a roller or culti-packer. By use

of this method, the seed would be grain, which should be clipped early rootlets are well on their way to the in winter. Oat stubble is not so dur- periment was repeated with slight put into the ground better with less in the season, have been recommend- lower layers of soil where the mois- able as rye stubble, while at the same changes in procedure. That time destruction to the stubble than time the oat crop ripens later, which the soil was loosened by going over would be the case if a harrow or necessitates later seeding of the it very lightly with a disc harrow. By disc harrow were used. these methods are partially success- holding capacity and it is so easy for legume. Any oats that shatter and so doing enough soil could be loosen-

ful, they have faults which are worth water to penetrate them that it grow will be killed by winter frost ed to cover the seed without disturb-It would hardly be fair to say that considering. The writer has tried sometimes happens they are almost and will not interfere with the ing the stubble as much as by using the method of summer seeding of legume crop the following year. a spring tooth harrow. The seeding legumes in stubble is 100 per cent Perhaps the best stubble would be was done only July 27, 1927, and, perfect; yet, in view of the fact that produced by growing peas and oats regardless of the fact that the rain it has proved successful four years First-Either method makes it summer seeding. The advantages of or some similar crop to be cut for fall at Grayling during the month of in succession on the very light soil hay before it ripens. In such a August, 1927, was more than two of northern Michigan, the least one case, earlier seeding of the legume inches below normal, a perfect stand could say is that it is well worth try-Second-Even a light seeding of a wind from blowing the sand and would be possible and there would of alfalfa was secured. ing on soils which are easily shifted be no ripe grain seeds to produce a In 1928, peas and oats were sow- by wind or on those which do not

Four Years' Experience

catch crop which would compete ed in the spring and cut green about hold enough moisture to supply a with the legume seeding for mois- the middle of July, after which the seeding and a nurse crop at the same early August on recently prepared nurse crop, the less effective it would Third-The crop residue tends to ture. Either rye or rye and vetch stubble was slightly disced and one- time.

LOST! Farm Bureau Clothing Dep't reports receiving a postal card order for a corn and white and a blue and white bed blanket for September delivery. stubble but they do not make as fa, one-half to sweet clover. In all Card was postmarked Owosso, but

### **Enough Grass For Job**

THREE

Pasture alone was satisfactory for cows in the early days when even the of milk which would now be too low for profit, but the present-day animal again with a spike-tooth harrow, and was not protected by stubble, was has been developed to have a capacity then rolled with a heavy concrete completely destroyed by shifting for producing milk so great that any ordinary pasture cannot furnish her enough feed for both milk production and for the maintenance of her body, Another method of procedure, says Professor F. B. Morrison, head which appears to be promising is of the animal husbandry department that of sowing the legume seed in at the New York state college of agrithe stubble with a drill and following culture.



#### does not mean that the Federal Farm Board is going out of business soon PER CENT OF OUR but it does mean that as the co-operative agencies now being assisted by it are able to go it alone, they will be leartily welcomed to do so.

"The extent to which this law may be helpful to the farmer and ultimately successful in its purpose, rests almost wholly in the farmer himself. If he takes advantage of it and developes the right kind of leadership and management in his marketing affairs, it will succeed. If he listens to the

had been seeded in stubble remark-

ably good, while, in another field, the

Drilling and Culti-packing

"About 90% of our agricultural sweet siren of those who are opposed to it, it will fail."

### Isle Royale Closed To Hunting for Five Years

For another five years, Isle Royale will continue to be closed to all hunt-

The Conservation Commission, at its own, the opportunity is afforded for July meeting, renewed a closing Michigan Livestock Exchange readjustment of farm production so order which would otherwise have that in one way or another those of automatically expired October 25, our farmers who are well qualified this year.

Except for the great moose here "Discussing the Agricultural Market- there is little wild life on the Island ing 'Act, Mr. McKelvie said, "the best which would be hunted or trapped exthis legislation can do is to bring cept a few coyotes and some beaver. about equality of opportunity for the

farmer and as soon as possible leave with the farmer the responsibility for LOOK now undertaking to assist him do."

"Laws," he continued, "were passed Don't take chances. Get your protection now with the STATE industry, labor, hanking t

Don't risk overcrowding hogs in a car this weather. You may lose heavily if you do, or if you allow it. What hogs need now is plenty of room, a properly bedded car-

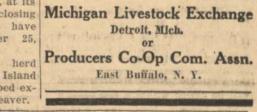
wet sand is good. Hanging some ice in burlap bags in the car helps a lot. Hogs should not be heated when loaded. An overcrowded car and a sudden rise in temperature is likely to cause heavy losses

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.

Ahead



Light Association at Mackinac Island. 8 COWS EARNED The number of farm customers to **3 TIMES GREATER PROFITS THAN 16** 

"Electricity is being made to pay its way on the farm, consequently Both Herds Produced 100,000 lbs. of Milk in the

Same Ass'n.

**DECLINE ENDED** 

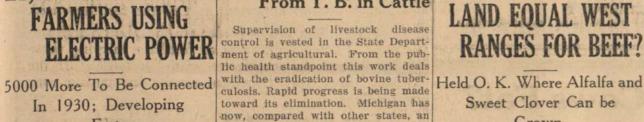
Shipments Drop 700 in Week;

Checks Slide Down

At Detroit.

Records kept in herd improvement customer has become a larger user of electricity than the average domestic much more profitable to keep a few agriculture show that beef cows can "Michigan utilities, ready to meet good cows than a larger herd of low be kept through a year at a cost of

Grown. exceptionally low percentage of tubercular cattle. It is one of the first Michigan is making outstanding states to complete a country wide cam-



Michigan Almost Free From T. B. in Cattle

Sweet Clover Can be

Sections of Michigan cut-over progress in taking electricity to the paign for the eradication of bovine lands where sweet clover and alfalfa their rightful owners. Before the law production is consumed at home, farms of the state and in adapting it tuberculosis, and has a complete modi- can be grown for winter forage are

partment

abundant rainfall and there is more prices. natural protection for the cattle than

on the western ranges. The Michigan land will carry more cattle per acre than much of the western range. Beef cows can be carried through the winter in good condition by feeding only alfalfa or sweet clover hay. This furnishes a market for this for-

age and makes it possible to carry the compiled by the U. S. Department of Usually Gradual Price Drop doing things that the government is



tainers. Discussing Agr'l Mktg. As a result the life span of milk bottles in that state is six times as

long as in other states. Several bottle exchanges throughout the state help see that the bottles get back to

and the bottle exchanges a bottle said Mr. Sam R. McKelvie, member of to farm operations, declared Presi- fied accredited area with the excep- suitable areas for the production of averaged about seven trips; now they the Federal Farm Board in an address beef calves, according to Michigan average about 40. But thousands of recently at Brookings, South Dakota. State College Animal Husbandry De- dollars are still lost annually due to failure to set out bottles for the milk and cotton, we import considerably of

The Michigan producer of feeder man. One city reports 165,000 bottles some other products, such as oils. calves has the advantages of being arriving at its garbage dumps month- that are substituted for farm products near good markets for this class of ly. Of course, such losses must be of our own. To the extent that we ing. stock. The cut-over sections have provided for in calculating city milk can make the American market our

**BEEF PRODUCTION** may prosper. GOING UP AGAIN;

**CAUTION URGED** 



the farmer more than half way, have been studying rate structures and Two herds in the Ogemaw associ- legume hay. line extension policies with a view to ation each produced about 100,000 his needs and limitations. Concessions pounds of milk during the year. One the spring and they can be marketed already have been made that would herd contained eight cows and the as feeders in the fall or, if grain is has begun to increase after a period the condition of agriculture required have been impossible when the farm- other 16. The profits for the owner of available, they can be finished and of years when production was at a that something specifically must be er was considering electricity merely the small herd were three times as sold as baby beef. It is also possible low point and Michigan farmers are ad- done for the nation's basic industry; as a lighting agent.

"Prof. H. J. Gallagher of Michigan larger herd.

State College in a report on Michigan One herd in the South Chippewa mer, and market in the fall, Farm Electrification said, 'that last county association produced 3.7 times year 1,227 miles of farm lines were more profit above feed costs than anconstructed, connecting 5,359 actual other herd in the same association. It farmers to the electric power system cost more money to feed the good herd but the cows produced 391 of the state.'

"This year it is estimated that 1,363 pounds of butterfat per cow and the miles of farm lines will be construct-ed to serve approximately 5,840 new each cow. This was \$91.00 more than farm customers. the average return for all cows in the

"Eleven and three-tenths per cent of 21,890 farms in the state were re-

ceiving high line service January 1. Prof. Gallagher reported. one locality. The highest producing About 50 percent of this number were association in one month this year connected in 1928 and 1929. The total was located in Cass county. The best farm consumption of electricity the producing herd was in Macomb counpast year was 13,134,000 kilowatt ty, and the highest producing cow was owned by a Missaukee county farmer. hours.

"Previous predictions that the farm- Good production and increased of farms in Michigan should be lower er would use more energy than the profits are determined by the breeding on the average this year than they city residential customer are coming and feeding of the cattle. Test records were last year if they are to reflect true. Even in this early stage of de- show that the real profits are made by the actual trend of farm land values velopment the difference is about 10 liberally feeding only those animals in the state, the Michigan State Farm percent in favor of the farmer. This that have the ability to produce large Bureau Department of Taxation says, does not compensate for the fact that amounts of milk or butterfat.

there will never be as many farm the expense of serving the farmer is HOPES CATTLE customers as city customers or that comparable with serving city custom ers, but it does indicate for the first time that the inevitable problem of serving the farmer promises the relief of at least paying for itself.

"The development has been most gratifying, especially so when we consider that the past four years have been unusually hard on Michigan farmers and agriculture in general."

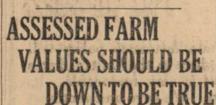
Commenting on the cattle market, Gas Association, held in conjunction the Michigan Live Stock Exchange as follows: from 1926 to 1927, 1.6%; with the Michigan Electric Light As- Co-operative Commission Merchants, sociation, it was reported that gas is in its letter for the week ending July 1928 to 1929, 0.8%. also being taken to Michigan farmers 3, said:

through the building of rural and sub- "For the past three or four weeks and townships are not provided by the Council has prepared considerable urban high pressure lines. Last year we have encountered a process of Department, so that it is impossible to material that is available to County 110 miles of such lines were built price changes, and the present week say just what the changes may have Farm Bureaus or other interested stretching out from central gas plants seems to have been the key that has been in each locality, the statement parties to promote the increased conin cities to neighboring communities, checked the downward trend of the adds. and serving farmers en route. Mich- trade. With the orderly movement of igan now has a total of 508 miles of cattle in the future, it seems reasonsuch high pressure transmission lines, able to feel that the bottom has been most of which have been built within reached, so far as the cattle market the past three years. is concerned. With around 700 head

OUR MANUFACTURED PRODUCTS very little different from those of the lairy products, furs, canned goods, desirable kinds which have been a admit women. It now ranks fifth in stone products. weeks.

\$25 to \$35 each by wintering them on Beef calves should be dropped in

high as those for the owner of the to carry the steers through the winter on alfalfa, run on grass the next sum-



Good cows are not confined to any Farm Bureau Quotes U. S. Dep't Agr. 21/2 Pct. Shrink In Michigan Values.

> Assessed and equalized valuations basing its statement upon preliminary

estimates of farm real estate value changes released recently by the United States Department of Agriculcountry.

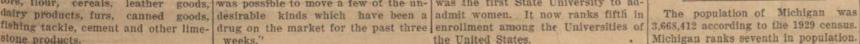
According to the Department figacre of Michigan farm real estate declined 21/2 % from 1929 to 1930. This

is the greatest decline reported by the department for a single year since 1926 when values were 3 per cent lower than in 1925. The percentage of reduction for other recent years are

from 1927 to 1928, 1.6%; and from Estimates for individual counties

Michigan Ranks High In Midwest Schools

short of last week, prices have been Michigan ranks highest in education well known and new food prepartions Among Michigans manufactured pro- week previous, as there were around among the North Central States. It etc. The material may be had for the hucts are automobiles, furniture, five hundred head carried over, but has the oldest Agricultural College asking by writing the American Farm lumber, drugs, chemicals, paper, beet toward the latter days this week a in the Union and the first State Uni- Bureau Federation, 58 East Washingsugar, clothing, machinery, refrigera- little more activity was visible, and it versity. The University of Michigan ton street, Chicago, Ill. ors, flour, cereals, leather goods, was possible to move a few of the un- was the first State University to ad-



In Cattle.

herds

Goes With Increase

The number of beef cattle on farms farmer shared somewhat in them, but vised by animal husbandry specialists hence the Agricultural Marketing Act.

at Michigan State College to proceed This law is predicated upon the abilicarefully in building up their beef business, once he is organized to do

Beef price cycles indicate that there

"Co-operation is the key to it and will be a period of a few years when the market price of cattle will gradthe market price of cattle will grad-ually decline. Past cycles have run from 14 to 17 years between one period of high prices and the next eriod of good markets. unit. A lot of people do not under-

Between those two points the prices stand this. Some think it was dehave declined to the low point and signed to afford readier access to then increased again to the high. Dur- easier credit for the farmer. Others ing the past two or three years, beef think it is the government in business. production has been low and prices It is neither. It is the farmer in busihave been high. It now appears that ness co-operatively, with the Governthe pendulum of production is about ment assisting to organize and finance

to swing upward and that of prices farm marketing activities. "I can not emphasize too strongly will swing downward. Two factors may slow up the price that there is no disposition in the lecline, the specialists state. The Agricultural Marketing Act or among marketing of lighter weight cattle the members of the Federal Farm may bolster the demand for beef so Board to impose the power of governthe present per capita consumption ment upon the management or conmay be maintained or increased; and duct of the farmers' business. Our

may be maintained or increased; and the fact that the United States now desire is that at the earliest possible date the government may be relieved imports large quantities of beel each of doing for the farmer things that he year may assist producers in this can and prefers to do for himself. This

Most of the present increase in beef cattle numbers is due to the increase ures, the average estimated value per in cattle raised in the corn belt States where farm roughages are marketed through the cattle.



Life The American Farm Bureau, cooperating with the National Dairy Ask your State Farm Mutual Automobile Insurance Agent about this new life in-

sumption of butter. surance plan. State Farm A 12 month's county campaign for Mutual men and principles increased butter consumption is available. It includes programs for meetof service are behind it. ing of adults or children, playlets, newspaper articles and suggested

State Farm Life Insurance Co. advertisements, posters, recipes for

Bloomington, MICHIGAN FARM BUREAU STATE AGENT Lansing,

Illinois

Michigan

The population of Michigan was Michigan ranks seventh in population.

tation and what not. Insofar as there were benefits from these laws, the

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 all.

W. T. LEWIS, See'y, 702 Church Street, Flint, Michigan

State Mutual Rodded Fire

Insurance Co., of Mich.



You will like this Farm Bureau camp blanket. It is a dark grey wool, single blanket 66x80 inches and weighs 4 lbs. Decorative black border across blanket near each end. Ends bound with neat stitching. Not only will this blanket keep you warm on your camp-ing trip, but it is a good blanket for home use. Offered at \$5, postage prepaid, and guaranteed satisfactory, or your money back. Six per cent discount to Farm Bureau members.

Michigan State Farm Bureau

**Clothing Department** 

### **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 auditing.

Farm Bureau Traffic Department 221-227 N. Cedar St. Lansing, Mich.

### **New Laying Mashes**

· A new product, rich in vitamins, protein and minerals, our Mer-Mash Egg Rations are an outstanding success.

For Leghorns or the lighter breeds buy Mer-al-mash 16% and feed about 60% mash and 40% scratch grains. For Rocks, Reds and heavier breeds use Mer-mash 18% with 60 to 65% scratch grains.

You should be feeding now for the high production you want when prices are best. See your local distributor of Farm Bureau supplies for Mer-mash Poultry Feeds.

> FARM BUREAU SERVICES, Inc. Lansing, Michigan

FOUR

#### MICHIGAN STATE FARM BUREAU NEWS

WANTED—FARM WORK ON GEN-eral farm by married man, one child. Can be reached by Lansing telephone 54035 evenings. Write H. A. Wickham, R-1, Box 680, Lansing, Michigan. By means of a secret process, an English firm is making furniture from cotton.

BEST IN THE LAND

**BEST IN THE LAND** Ton't ride on the men who are looking ahead, bon't sit on the rumble as tho you were dead; But get in the seat, take hold of the wheel, look forward, not backward, nor wait, but with zeal help those who have passed you to help those behind, to show them your slogan, not always be blind, How to grab onto knowledge, not grapple with doubt, And soon, just ahead, you can proully shou. "The for the Farm Bureau, the Best in the Land!" you can say it with vim and pack it with sand; for one could question it, or stay in doubt, it intelligent farmers lived all about. "Ars. Hal Conkey, Caseville, R. 2, Mich."

**UNTIL AUGUST 1** 

July 15 will be sent the mill on that date as per our

All orders for Farm Bureau bed blankets received up to

However, during the process of manufacture of the above

advertisement. About 700 blankets will be ordered for delivery

and payment in September for our annual summer blanket sale

blankets, while looms are set, our mill will be able to care for

any additional orders received up to August first. If you have

failed to order and care to take advantage of this special offer

this is your opportunity We are offering in this special sale:

Double blankets, 70x80, virgin wool, choice of ten different color combinations in large checks at \$8.75 each. Single blankets

choice of 6 different solid colors, at \$6.35 each, postage prepaid.

Order now for delivery and payment in September. Look up the

WANTIS D-FARM WORK UNTIL school starts by boy, 16. Write Don Page, 1517 Roosevelt avenue, Lansing, Michigan.

WANTED-FARM WORK BY YEAR on genetral or dairy farm, or rent fur-nished farm by experienced man. Former farmer. Also painter by trade. Married, One child. Write H. Rode-baugh, 31 Holmes Road, Lansing, Mich.

**ClassifiedAds** 

Classified Advertisements will be charged at the rate of 5 cents a word. Where the ads are to appear twice, the rate will be  $4\frac{1}{2}$  cents a word and for ads running three times or mere, 4 cents a word, each insertion.

WANTED-BUYERS FOR FARMS-Many extra good bargains. Let me know what you want. All kinds of city property for sale. List your property with me. I can sell it if priced right. Member Farm Bureau and Grange. F. A. Showerman, P. O. Box 263, 401 Ypsi-Ann Bldg., Ann Arbor, Michigan.

#### SATURDAY, JULY 12, 1930

COR SALE—HOLSTEIN BULL. SIRE, 25 lbt. son of "Creator". One born leptemt.er 14, 1929. Dam a 21 lb. two lear old daughter of a 1,226 lb. bull. Price ionly \$150. David Falconer. lottsville Michigan.—34b-6-28 HUNTING GROUNDS There are 13,000,000 acres of land in the northern half of Michigan alone, on which the public may hunt, and last year hunting licenses were issued 21 220 CRIMINAL BUREAU The Michigan Bureau of Criminal Identification is the third largest in the world, having in its files 657,355 sets of fugerprints and 291 220 last year hunting licenses were issued sets of fingerprints and 221,329 photographs.

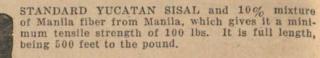
WANTHD-FARM WORK ON GENER-al farm by experienced, single man, 3. Write James Dick, % Y. M. C. A., Lansing, Michigan. WANTED, LIVE POULTRY, EGGS

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 for the asking.

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

### **Order Binder Twine Now!**

The demand for Michigan State Industries Binder Twine made at Jackson is always heavy. Sometimes the supply is limited. Therefore, we suggest that you see your co-operative association manager at once and order your 1930 needs. The Farm Bureau Services, Inc., handles Michigan Twine because it is the best. This twine is composed of



We are offering Michigan Twine in both the 5 lb. and 8 lb. ball. Eight pound ball illustrated here fits and works nicely in any can that holds a 5 lb. ball; unwinds freely to last foot. For sale 8 lb. Ball

**Co-operative Ass'ns and Farm Bureau Dealers** 

### **Potash Fertilizers** For Alfalfa

Alfalfa test plots on the Vaughn Tanner farm near Jackson show exceptional growth and vigor where potash was an important part of the fertilizer used.

Alfalfa is a heavy feeder on phosphorus and potash. Proper application of fertilizer carrying these ingredients, in accordance with the fertility of the soil, gives very beneficial results in starting new seedings.

Farm Bureau 0-24-24 is a high phosphorus and potash carrying fertilizer suggested for soils that are well supplied with nitrogen but are deficient in potash. Manured sandy soils come under this classification. Apply 100 to 150 lbs. per acre. If you use Farm Bureau 0-12-12, apply 200 to 300 lbs. per acre.

Farm Bureau 2-12-6 is suggested for alfalfa soils that are a little low in nitrogen. Apply 200 to 300 lbs. per acre.

The above Farm Bureau fertilizers may be applied at the time of seeding the alfalfa.

Lime must be used where needed. Application of 6 to 8 tons of manure per acre when fitting the seed bed, or applied to the previous crop, is important in establishing alfalfa. When manure is used weeds are a problem and more fitting is necessary in order to kill all the weeds possible before seeding. Well rotted manure helps solve the weed seed problem.

Ask your distributor of Farm Bureau products to upply you with Farm Bureau Fertilizer.

### **FARMERS PROFIT IN WALTON LEAGUE HUNTING SYSTEM?** Favors Farm Acreage Joined

Into Paying Hunting Preserves.

In an effort to improve the game and hunting situation in farming sections of the State and to induce farmers to co-operate willingly in increasing the amount of game available, the Michigan Division of the Isaac Walton League has issued a statement in which it suggests that the State encourage farmers to capitalize the game resources by granting a longer hunting season on groups of farms where the owners have suitable game cover and agree to provide feed to maintain an adequate brood stock and to protect birds from natural enemies, poachers and farm machinery, as well as to provide paid patrolling during the hunting season. No requirement of hatching eggs would be made under the League plan.

The League contends that areas of from 600 to 10,000 acres could be organized by farmers under such a plan and that the charges for hunting privileges over a longer season could be made to pay a substantial profit from land that is in many cases non-productive at present.

In addition the League suggests that other districts might well follow the example of the farmers of Williamston township, Ingham county, who organized to control hunting, but with no idea of making any charge or of securing a profit. When this plan is followed the League indicates that the Conservation Department might well pay the cost of patrolling th land during the hunting season.

These proposals are a part of four-point program recently adopted by the League, and were designed to bring about "more game, more hunting, longer seasons, and a higher bag limit." The other two proposals are, (1) for the furtherance of state owned hunting and fishing grounds and wild life refuges in wild land territories. and (2) to encourage more general Washington, July 9 .- The crops

use of the Private Shooting Preserve now begin to show the variable condi-Law passed by the last Legislature. tions which usually develop in mid-The League proposals with regard season, says the U.S. Department of to farm game are based upon the be- Agriculture in its July 1 report.

lief that the future of hunting in the "Corn has made a fair start, on the farming sections of the state depends whole," according to the report. "The upon eliminating the nuisance feat- crop is generally well cultivated, but ures and upon demonstrating that the corn was damaged somewhat last farmer can make the production and month in Iowa by storms, and in Ohio protection of farm game a paying by drought. Corn is late in Nebraska proposition.

"Trespass" the League holds, "is rapidly now. the principal cause of posting of "Haying is under way with reports much farm hunting grounds," adding of rather light crop from many eastthat, "at the rate farm hunting land ern sections. Cotton has made fair is being posted against hunting most progress, and has been helped by the of the best hunting grounds in the recent warm weather. Cotton is still more thickly settled farming districts considered somewhat late in the west- Rivers and Harbors bill, which com-

will be closed within a few years." The League lists the following state of cultivation.

unknown persons.

TANGIBLE RONAL PROPERTY GE LAA SERVICE

NICE AND COOL IN THE SHADE

A STATE INCOME TAX-PROPERLY DRAWN AND THE PROCEEDS APPLIED AGAINST REDUC-TION OF LOCAL TAXES, INCLUDING SCHOOL AND HIGHWAY LEVIES, WOULD RELIEVE REAL ESTATE AND PERSONAL TANGIBLE PROPERTY OF SOME OF ITS TAX LOAD AND PLACE IT UP. ON WEALTH THAT NOW ESCAPES LOCAL AND STATE TAXES.

#### Hoosier Verses By Tom H. Keene, Elkhart

That Little Boy of Our'n

He clasps my legs an' loudly cries: "Oh, Daddy, won't you pway wiv

# **PRESIDENT SIGNS**

Bigger Job Than

The League lists the following state of cultivation. nuisances as being those against which farmers have voiced emphatic complaints: The bulk of the fruit supply this season apparently will come from the West. California grapes are already "We can now build," said the Presi-

omplaints:west. California grapes alocationwe can now build, said the fresh1. Entry upon private property by<br/>nknown persons.moving to market in good volume. The<br/>country's total production of appleswe can now build, said the fresh2. Property damage to<br/>2. Property damage to<br/>livestock,livestock,<br/>of a definite canalization of our river<br/>systems through which modern barge

**CROPS CONDITION** 

Will Supply Bulk

Of Fruit.

Most ev'ry night, when I go home Dejected, tired and sore, That boy of our'n, sunshiny tyke, Is waitin' at the door With mouth agrin, an' sparklin'

An' then I'm in for it, you see.

r ackin' joints don't bother me; r heart's been opened up agin, let that litle son-shine in.

WATERWAYS BILL

Panama.

July 4 President Hoover signed the ern belt, but is generally in a fair mits the U.S. government to spend-

GOOD AS A RULE, U. S. DEP'T SAYS Corn in Good Shape; West

An' so I swing around the house An' prance, an' jump, an' kick, An' on my shoulders rides the lad— An' gosh, how he does stick! First thing I know, my troubles flee;

and Indiana but is coming along Projects Total \$350,000,000;

order postal card mailed you some time ago, or write us for another. CLOTHING DEPARTMENT Michigan State Farm Bureau, 221 No. Cedar St., Lansing, Mich.

customers

**Are Your Cows Fat?** 

If pasture seasons were long enough most cows would die of starvation.

Milkmaker 16% (formerly called Lofibre) furnishes the highly digestible nutrients necessary to keep good cows up in weight while milking heavily. Market milk men find it unexcelled for summer feeding.

If pastures are poor use Milkmaker 20% straight and get more milk at a lower cost and a cow ready to work hard for you all winter. You can get the full line of Milkmaker open formula Dairy Feeds from your local distributor of Farm Bureau supplies.

> FARM BUREAU SERVICES, INC. Lansing, Michigan

1

and lawless hunters. Threats to life by "renegade" hunters.

Shooting toward buildings.

5. Shooting by too many hunters ditions, barring some interruption by lantic.'

6. Arrogant behavior, especially the grain is high, and is generally of good St. Lawrence river. private grounds.

Annoyance caused by the necessity to privately patrol premises in about half filled with old grain. World to the Gulf channels will be made to order to enforce the "Horton Trespass stocks of wheat are still relatively the principal cities on the lower Miss-Law.

8. The steady increase in the num- 100,000,000 bushels smaller than a The undertakings authorized aggreber of hunters each year, in certain year ago-this decrease being chiefly gate a larger job than the Panama districts, principally prime cover in Argentina which was offering large canal, will employ thousands and areas.

siders before residents have time to season. hunt.

The League says that the success of the Williamston plan shows that POISON BAIT STOPS trespass can be controlled with very little effort, but considers that hunting must be put on a basis where it is a definite source of income to the farmers.

"In every locality where people want to enjoy longer seasons and higher bag limits for farm game hunting, payment to farmers for maintenance of a larger supply of game i essential," the League says.

For this purpose the League pro- sections of Michigan is the signal for of the St. Lawrence as the Seaway poses legislation granting farmers the farmers in the northern part of the from the Great Lakes to the ocean." right to organize Co-operative Shoot- State to prepare to feed them poison Another item authorizes \$29,266,000 ing Preserves, with longer seasons bait instead of succulent forage, ac- for deepening the Lake channels from and the right to charge for hunting cording to the entomology depart- Lake Superior to Montreal to accompriviliges wherever the following re ment at Michigan State College.

quirements are met? Existence of an adequate brood cultivated lands near farms makes it this matter specifies 25 foot draft. The stock.

Not less than 600 acres of land, velop undisturbed and then move to for a 25 foot draft channel. with a resaonable acreage of swale, the farms and do serious damage swamp, thickets, trees or other cover to growing crops. The grasshoppers the Thousand Islands ship channel to for nesting and shelter. have natural enemies which will re-

3. Protection of nests and birds duce their numbers but this control 27 feet depth. from natural enemies, poachers, and is too slow to be of much assistance. farm machinery

feeding fields.

and chick feed if required.

other suitable field crop cover ad- white arsenic. Two or three ounces 28. Great progress has been made. jacent to swale, thicket, woods or of banana oil is then stirred into the other natural cover.

seasor

9. Regulation of gun-days.

Binks (to storekeeper): "Have you

that there are no chickens?" Storekeeper: (after pausing a mo- enough to be eaten by animals, ment) "Yes sir, duck eggs.'

fences and buildings, by thoughtless same as last year. The citrus fruit trains of 10,000 to 15,000 tons burden crops will be much heavier. "Wheat harvest is in full swing, can operate systematically through The crop has matured early and so the midwest and to the Gulf of Mexifar has been cut under favorable con- co and through the Lakes to the At-

at one time, or upon a certain area, rains in eastern Kansas and Okla- Included in the bill are provisions resulting in undue killing off of game, homa. Threshing returns in the for deepening of Great Lakes channels and annoyance to occupants of prem- Southwest have shown irregular for present commerce and for ocean yields. However, the quality of the shipping by later deepening of the

rail.

assumption of the "right" to invade weight and high in protein content. The Mississippi and Missouri rivers Yields are poor in the Ohio Valley. will have barge canals completed, the

"Terminal storage space is still Mississippi from Chicago and St. Paul heavy, though they are probably ouri river,

quantities of wheat in competition when complete will carry goods at 9. Shooting off of game by out- with American grain at this time last much lower rates than can be done by

> The rivers and harbors bill contains three items that very materially advance the opening of the Great Lakes o ocean vessels by way of the St.

One paragraph recognizes the St. Lawrence plan as THE waterway to the sea and takes over the Erie-Oswego canals (the so-called All-American route) as a federally maintained barge canal "with no intention to The recent appearance of unusual make them ship channels, or to hinder

numbers of grasshoppers in some or delay in any way the improvement modate ships of 24 foot draft. The The proximity of large areas of un- proposed Canadian-U. S. agreement on

possible for the grasshoppers to de- above sum is about half that required

Thus, two of the three big jobs as-Poisoned bran bait properly dis- signed the United States under the 4. Planting of spring and winter tributed will prevent serious damage to crops by this insect. The bait is The third is the improvement of the Provision of other winter feed, prepared by mixing one bushel of International Rapids section, which, bran, one-half gallon of cheap molass- it is believed, will be worked out after 6. Definite acreage of alfalfa or es, a little water, and one pound of the Canadian national election of July

mixture. Arsenate of lead or paris| Few states in the Union exceed Paid patrolling during hunting green can not be successfully used as Michigan in the amount of money poison for grasshoppers. A little salt available in the banks for the conduct Inspection by state authorities. added to the prepared bait makes it of business.

more attractive. The bait should be broadcast in pers immediately but they will stop areas where there are numbers of feeding as soon as they have eaten any eggs in which you can guarantee grasshoppers. Care should be taken any of it. Another formula for the so there are no lumps of bait large preparation of a poison bait will be sent those who write the entomology The poison does not kill grasshop- department and ask for it.

## VACATION TRIPS

Take us on strange highways, crowded highways, and among strangers.

It's bad enough to have an automobile accident or theft, but much worse to pay a loss, and possible liability.

A State Farm Mutual Auto Insurance policy will protect your interests everywhere in the United States or Canada. The policy cost is very reasonable. Its protection is with you always. We have an agent near you. If you don't know him, write us.

### **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 prod-ucts. See your local distributor and have him tell you the grade for your car or tractor. Sold in 5, 15, 20 and 55 gallon containers, and always at a savings.

> FARM BUREAU SERVICES, INC. Lansing, Michigan

FARM BUREAU SERVICES, INC. Lansing, Michigan FERTILIZER INCREASES NET INCOME

### You Can See **Atlacide Kill Weeds**

Visit the Michigan State College and New York Central WEED CONTROL TRAIN when it comes to your town.

Among other things you will see how ATLACIDE, the chlorate chemical, applied as dust or spray, is sure death to quack grass, wild morning glory, Canada, Russian and sow thistle, poison ivy and all other weeds.

Near the train is a patch of weeds that has been treated with ATLACIDE, the safe, non-poisonous, nonexplosive or inflammable weed killer. One pound per application will kill the weeds on one square rod of ground. Two to three applications about 30 days apart are usually required to finish new growth, etc.

ATLACIDE is packed in 50 and 100 lb. air tight drums. Easily applied and a great labor saver. For further information, prices and literature, see your local Farm Bureau dealer.

> WEED CONTROL TRAIN SCHEDULE Train stops at Freight House at all points except Bay City where it stops at Fair Grounds. All time below is Eastern Standard. Mason, Monday, July 14-1 to 5 p. m. Owosso, Tuesday, July 15-9 to 12 a.m. Chesaning, Tuesday, July 15-2 to 5 p.m. Bay City, Wednesday, July 16-9 to 12 m. Reese, Wednesday, July 16-3 to 6 p. m. Vassar, Thursday, July 17-8 to 11 a.m. Caro, Thursday, July 17-1 to 5 p.m. Sandusky, Friday, July 18-10 a. m. to 2 p. m. Lapeer, Saturday, July 19-9 to 12 m. Oxford, Saturday, July 19-2:30 to 5 p. m. Albion, Monday, July 21-9 to 12 m. Marshall, Monday, July 21-1 to 5 p. m. Chelsea, Tuesday, July 22-8 to 10:30 a. m. Jackson, Tuesday, July 22-1 to 5 p. m. (Liberty St. Frt. Hse.) Hastings, Wednesday, July 23-9 to 12 m. Nashville, Wednesday, July 23-7 to 9:30 p. m. Caledonia, Thursday, July 24-11 to 2 p. m. Eaton Rapids, Thursday, July 24-7 to 9:30 p. m. Charlotte, Friday, July 25-9 to 12 m.

FARM BUREAU SERVICES, INC. Lansing, Michigan

**HOPPER RAVAGES** Lawrence river. Crops Enemy Appearing In Large Numbers in Some

Sections.