SECOND YEAR, VOL. II. No. 22

NOVEMBER 28, 1924

Issued Semi-Monthly

AGR'L COMMISSION **BEGINS STUDIES ON FARMING SITUATION**

Farmers Have Freight Rate, Tariff Systems Under Examination

COOLIDGE OPENS MEET

'Asks Farm Leaders' Help in Stabilizing Future of Agriculture

Washington, Nov. 18 .- The special Agricultural Commission of eight farm leaders, called by Pres. Coolidge to study the farming situation and make recommendations to bring about stability in agriculture, has met with the President and has held its first session. The Commission has laid down its program of procedure and has the various government departments at work collecting information wanted for the next meeting, probably three weeks

The Commission has decided that its investigations and recommendations would be along three main lines-agricultural legislation, administration of present laws and

President's Interest keen Before going into session the Commission met with Pres. Coolidge and went over the situation. Mem- by Miss Zeta Thomas of Hemlock, bers of the committee said that it Saginaw county. She has had 11 was very evident that the President years of club work, starting at the had a thorough knowledge of the age of ten and is now a local leader farming situation and was very sin- and full of enthusiasm for further cere in his efforts that something work along that line. She and the should be done to bring about bet- thousands of other farm boys and ter conditions in agriculture and a girls in club work today are trainbetter balance between agriculture ing their hands along with their and other industries. The President gave the Commission very broad ing it on their own initiative—they

membership Pres. O. E. Bradfute of the American Farm Bureau, got un- been a strong supporter of club der way promptly and called in key work. In many counties the work men from the departments of Agriculture, Commerce, Interior, Treas- Ionia Bureau to Carry ury and various special bureaus to help them get the facts in various matters. The Commission will make haste to get its recommendations in shape for early consideration by the Farm Bureau intends to go after President and Congress. - Develop- more members to help the local ments at the first meeting were:

Information was requested by the tural work in that county. The coun-Commmission on all phases of the ty executive board is convinced that tariff including protection afforded the work is well worth continuing agriculture under the present law and that it justifies a membershi and upon what basis the tariff in investment on the part each case was determined.

Transportation Problem The whole structure of transpor-The whole structure of transportation, involving highways, water DAIRYMEN ASK MAN transportation, freight rates and freight service, will be investigated by the Commission in order that definite action might be recommended on this important subject. A report has been asked of the Reclamation service as to its general policy with reference to the development of agriculture. Attention also will be given to present reclamation projects under process of construction and projects yet to be undertaken

and approved. One of the most important studies to be undertaken by the Commission will have to do with foreign competition of American agricultural products. This will involve an investigation of the costs of foreign products with which major American products compete and a study of the main obstacles with reference to exporting surplus products from this country.

Co-operative Marketing The Commission also requested a digest of the large number of agricultural bills introduced in the last session of Congress and still pendmarketing of agricultural products the building and its equipment. They ley and has a splendid blanket of will come in for special attention. also visited the M. A. C. and points alfalfa. Continued on page two)

Saginaw Co. Girl Tells What She Learned In Club Work

Michigan County Farm Bureaus in-

n placing such educational advan-

Michigan. Following is Miss Thomas

Narrative Report Of

My Club Work

BY MISS ZETA THOMAS

Hemlock, Michigan

I began my career as club mem

ber at the age of ten. My first work

was in canning, with Miss Dengey as

afraid of hot water, but very eager

ake part in any demonstration teams

efficient, and I was elected secretary

leader. Our work this year consist-

les and an equal amount of vege-

table mixture. I took part in a dem-

Won Prizes

onstration team that fall.

ars I had at the fair.

o the Saginaw County Fair.

I was young and

forms of agricultural education-

Ambitious Youngsters Have tis largely financed out of Farm Bu-Fun In Creating Things

What Boys and Girls club work county agents, home demonstration can mean in the life of a boy or a agents and club work in some 60 girl in the years to come is brought counties. Any Farm Bureau memout in the astonishing report written ber reading Miss Thomas' report may



Miss Zeta Thomas

minds-and best of all, they are doare satisfying their ambition to cre-The Commission including in its ate something, and they like it.

The Farm Bureau in Michigan has

Ionia county farmer.

On Agr'l Agent Work Ionia, Nov. 24 .- The Ionia County

canning for our neighbors.

Bureau carry on the county agricul-For Supplying Its Members

> Menominee, Nov. 25 .- The Farm Bureau's second membership campaign in the county has put renewed Around Powers, Whitney and Spaulhustling Farm Bureau co-ops. They

meeting of the National Co-operative it that members get Farm Bureau Milk Producers Federation here, seeds, feeds and fertilizer; at Whit-Pres. Coolidge was asked to name a ney, R. A. Aldrich takes care of the State Farm Bureau's annual meeting the convention hotel. dairy representative to his recently membership in a similar manner. appointed commission to study the This year Farm Bureau seeds, supneeds of agriculture. N. P. Hull of plies, etc., for Powers, Whitney, Lansing, president of the Michigan Hermansville and Spaulding will be Milk Producers Ass'n was elected to distributed from the John Boerseh-ternate. the national board of directors. John inger warehouse at Spaulding, ac-D. Miller of Susquehanna, Pa., presi. cording to an arrangement worked dent, and all other officers were re- out by the Farm Bureau. Stephen-Byron School Boys Visit

State Farm Bureau seed enthusiast. He says he'd belong G. H. Burt, agr'l teacher of the if it were only for the seed. Last Byron Rural Agricultural High spring he sowed 10 acres to Farm School, Byron, Shiawassee county, Bureau Grimm and put with it 10 and his class of 16 boys drove to bushels of Farm Bureau Wisconsin Sears-Roebuck Stops State Farm Bureau headquarters at Certified barley as a nurse crop. He Lansing November 22 and inspected harvested 280 bushels of fine bar-

EL. EXCH. BUSINESS

Mich. Live Stock Exch.

priation of 1914 provided Federal Live Stock Exchange Commission list submitted him by the American from potatoes have caused some approached by several concerning quirements for local and state funds man of Wood Brothers Commission farm organizations at his invitation. ry have been such that, in the opin Some are under the impression sist his hard working helpmeet in the week ending today, the Live or otherwise propounds this interestthat this organization controls all conserving strength and time, and Stock Exchange sold 127 cars at De-

FARMERS' CLUB ANNUAL

December 2-3.

MENOMINEE CO. **MEMBERS HOLD GREAT SESSION**

vested some \$125,000 in various Top Off Membership Drive Cross Figure Puzzle! With Big Time At Stephenson

take a reasonable pride in his part STATE LEADERS GUESTS

tages before the boys and girls of Story of the Farm Bureau's Growth is Told by Sec'y Brody

> reau hall here today in connection with the approaching close of their turns. second membership campaign.

Eighty Farm Bureau members to get my 30 jars filled. I did not and their wives attended. Instances Grass Lake, Mich. were recorded wherein some of the Nov. 22, 1924. this year, but sent a few of my jars delegates drove as far as 50 miles to attend the meeting. Every Farm My second year found me more Bureau local was well represented. The meeting was an all-day session, and treasurer of the club. Much of featured by a potluck dinner at noon, our work was done at the Maccabee and addresses by Upper Peninsula hall and at the home of our local agricultural leaders and State Farm Bureau men, including C. L. Brody ed of 50 jars and this included 16 of Lansing, secretary and general

glasses of jelly, four quarts of pick- manager of the State Farm Bureau. Mr. Brody spoke to the Menominee members on the history of the Farm Bureau movement in Michigan and its steady growth into an or-The next summer I again held of- ganization of great power. He told fice and did my required amount of of its growing pains at various I stages in the maturing process and was the most successful one. That cordance with the policies of the in- and delegates sent by various Mich year much stress was put on pickles stutition-co-operative service, in gan County Farm Bureaus.

and meats-I even canned my pet the case of the State Farm Bureau. sheep. Our demonstration team, of which I was a member, received first position of respect and power that The railroads have granted reduced

nearly 300 Menominee farmers in the er official at the convention, making full use of that co-operative certificates given. machinery.

tural agent

At the Stephenson meeting, Men-M. A. C. during Farmers Week. D. F. Wagner of Powers, prominent Guernsey breeder and alfalfa grower, F. B. MEMBERS GET is delegate, with Peter Novak as al-

Monday, Nov. 24, Mr. Brody attended a meeting of the Delta County Farm Bureau executive committee Farm Bureau co-ops. Menominee tion and membership plans were dis-State Farm Bureau annual meeting.

Chicago, Nov. 15 .- As a matter of ed crime throughout the country, and especially in Chicago, Sears, Roebuck & Co., have discontinued the sale of all forms of firearms.

COOLIDGE NAMES GORE SEC'Y OF AGRICULTURE

Washington, Nov. 24.-Last week President Coolidge named Mr. H. W. Gore, ass't sec'y of agriculture, as has been elected governor of West co-operative shippers. Virginia and will take that office March 4. In the meantime the President will select a permanent

ANSWERED

ing question: "I am asked to join the Farm Bureau, also to subscribe for I can't do both. The Michigan State Association of get enough money to subscribe .-

gift to his son.

Gas Tax Battle Lines Form For Fight in '25 Legislature

Michigan State Farm Bureau, Wool Pool,

Lansing, Michigan. Gentlemen

I wish to advise you that I pooled over 5,000 pounds of wool. Eighteen hundred pounds the buyers were trying to get at 25 cents. This was western. The remainder fine wools. They were offering 30 Stephenson, Nov. 25.-Menominee and 35 cents according to staple County Farm Bureau members held My returns from the pool were an an all-county meeting at Farm Bu- average of 41 cents. I consequently was very well pleased with the re-

> Very sincerely, JAMES G. PIERCE.

A. F. B. F. MEETING

Railroads Grant Farm Bureau Members Reduced Fare Privilege

The Michigan State Farm Bureau will be represented at the sixth an could find. The team I demonstra- pointed out that any successful or- nual meeting of the American Farm ted with this year received first ganization must pass through those Bureau Federation at the Congress prize, and I also received prizes on stages in developing the right kind hotel, Chicago, Dec. 8-9-10, incluof experienced leadership and in sive, by the State Board of Directors My last year of canning club work training men for every task in ac- Secretary-Manager Clark L. Brod

All Farm Bureau members are in Mr. Brody also pointed out the vited to attend the national meeting prize again. This year I did some the Farm Bureau has come to enjoy rates on the certificate plan at a fare and reviewed the work it is carrying and a half for the round trip. That on in organizing all Michigan agri- means on purchasing a ticket to at culture into a harmonious, powerful, tend the Farm Bureau convention, the purchaser must secure from Arthur Edmunds, State Farm Bu- local agent a reduced rate certificate, eau solicitor, who has signed up which is to be presented to the pr campaign just closing, was another validation. It entitles the holder speaker. Mr. Edmunds canvassed a half fare on the return trip, over Every Local Has Some Plan Menominee county, using the local the same lines and route he came on. local Farm Bureau units, rather than plan is contingent on 250 attending organizing on a township basis. The the meeting. The delegate must have result has been a very strong local that certificate to enjoy the rate. If extravagance. Farm Bureau organization at all you can't get a certificate, take a repoints in the county, with the mem- ceipt from your agent. Tickets may bership centered on the co-ops and be bought from December 3 on, and

Other speakers were E. G. Amos, well in advance. Single and double ding some 46 members have signed director of agr'l extension work for rooms with private bath may be had up. The county renewals to date the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to the convention hotel at \$4 the Upper Peninsula, and Karl close to \$6 a day. The Michigan State Farm Bureau will be glad to assist members in making reservations

at Escanaba, where Delta organiza- arrangement made by the Menominee County Farm Bureau, any Mecounty expects to use a carload of strongly interested in further developed for the presentation of his second membership agreement Mr. Wagner is a Farm Bureau oping the Farm Bureau work in that or an identification card issued by county. Alex Wilson of Bark River the County Farm Bureau, can get was named Delta delegate to the either of two old reliable makes of tires and tubes at 20 per cent off the regular retail price at LingenJo Brothers store at Mendminee. They can also buy any house or barn paint Sale Of All Firearms at 20 per cent off and roofing and nails at 10 per cent off on presentation of evidence of Farm public protection, in view of increas- membership. Many members are taking advantage of this deal. That 20 per cent off helps a lot when a couple of tires are needed.

The Tuscola County Farm Bureau operates a tire shop at Caro in co operation with R. E. Lawrence. Tuscola members on presention of their identification card get 15 per cent off on a top notch brand of tires

165 Carloads

Detroit, Nov. 20 .- For the week Secretary of the U. S. Dep't of Agri- ending today, the Michigan Liveculture until March 4, succeeding Stock Exchange Commission Merthe late Henry C. Wallace. Mr. Gore chants sold 165 carloads of stock for

> IDAHO SHIPPING CELERY Celery is receiving more attention

Detroit, Nov. 15 .- The Michigan Secretary of Agriculture from the in Idaho. Unsatisfactory returns gs.

For in this stort time I have been funds to be available to counties in George Baker, formerly hog salesreaus, National Grange and other paying crop. Results from the celeion of many, it will come to a place of commercial importance. The out A certain man who may be serious put this season will be near 100 cars.

> has arranged to continue the sub-Which?" Join. That's one way to scription of its membership to the Michigan Farm Bureau News.

> > work as against 218 in 1921.

Figure His Pool Profit REAL FACTS PRINTED IN LAST ISSUE OF THE FARM BUREAU NEWS THROW FOES OF THIS RIGHTEOUS BILL INTO PANIC

Claim of Opponents That Revenue From Gax Tax Is Not Needed Appears Ridiculous In Face Of Exhaustion of \$50,000,000 Bond Issue; Who Will Foot Bills Then?

The lines of battle are daily being more closely drawn for a big gasoline tax fight which may be an outstanding feature of the 1925 legislative session which will assemble this com-

The appearance in the last issue of the Michigan Farm Bureau News of the facts regarding the number of gas tax supporters who have been returned to the Senate and the House has excited the enemies of the gas tax to fever heat. They are making efforts to discredit these facts and to show that the sentiment of the voters of Michigan is not as favorable toward a gasoline tax as it was when this matter was before the legislature two years ago.

Truth is Hard to Get Around

But it is a hard matter to discredit facts. As one of the reelected senators who supported the gas tax two years ago said recently to a State Farm Bureau official: "I read with great interest the article about the gas tax prospects in the last issue of your Farm Bureau paper. It was well put up and really convincing. The facts given were those which appeared in the official Journal of the Legislature and are not matters of opinion but of public record."

If there were any inaccuracies in our article in the last ssue it was not that we were too extravagant in our statements but that we were too conservative. It will be remembered that at that time when referring to the \$50,000,000 highway bond issue authorized by the voters about five 'years ago, we said that about \$40,000,000 worth of those bonds had been issued. A careful check-up on the facts with the State Highway Department reveals that practically the entire bond issue has been exhausted, leaving only a few thousand dollars yet to come in out of the entire \$50,000,000 worth of co-operative ass'ns as the center of The reduced rate on the certificate bonds. We regret that we made this mistake but let it be noted that it was on the side of conservatism rather than of

A Supposition and an Analysis

Gas tax foes in attempting to destroy the influence of the Farm Bureau report have called attention to the fact that a Hotel reservations should be made few of the representatives whose names were listed among the gas tax supporters in the list compiled by the Farm Bureau, did not vote to pass the gas tax over the Governor's veto. It is well to remember in this connection that there is nothing to show that any of them discontinued their support of the gas tax because they were convinced by the statement in the veto message that Michigan did not need the revenue which the gas tax would provide.

There are few statesmen but what can see that with our \$50,000,000 highway bond issue exhausted, with principal and interest charges coming due, and with some \$7,000,000 due the counties and townships in back highway rewards, we need not worry about the gas tax yielding too much revenue. In view of the distressing burden made upon our real estate by the general property tax, there are those who feel that any extra funds supplied through a gas tax might well be applied to lessen our confiscatory property taxes.

Fairness of Gas Tax Acknowledged

Nor were any of the representatives who originally voted for the gas tax but who later did not vote to pass it over the Executive veto, apparently much concerned over the argument advanced in the veto message that the big oil companies would not pay the tax directly but would pass it on to the consumers of gasoline. There appears to be no argument but what the gas tax would be paid by the people who use the gasoline in proportion to the amount of gasoline used, which we are beginning to see is not only a measure of the distance driven and the weight of the car, but consequently, an approximate measure of the benefit of improved highways to the auto owners.

There is, therefore, every indication that those who apparently changed their stand on this gas tax when it came to voting to uphold or override the Executive veto, did so not because they had changed their minds in the least regarding the principles of the gas tax, but because of the declaration of the Governor that in his judgment the specific measure which they had passed was not entirely constitutional. Several staunch gas tax supporters declared that however much they might favor a gas tax measure, still they had no desire to be unduly insistent upon a bill which might have technical defects. They preferred under the existing unfortunate circumstances to let the matter drop for a few months until an opportunity should present itself to present and pass a gas tax which would be perfectly constitutional and entirely work-

A Two-Edged Example

The Ingham County Farm Bureau ing soon after the November 14th this measure and was in a frame issue of the Michigan Farm Buarticle carrying a Lansing date- patch was that while this repreline, purporting to show that one sentative was said to be less insist-A good character is a father's best 527 boys and girls enrolled in club of the representatives whom we

Among the dispatches appear- was weakening in his support of of mind to accept a compromise An interesting feature of this dishad listed as a gas tax supporter ago, still it was said of him that

Home Demonstration Agents Are Doing Wonderful Work Not Many of Them, But They the state have really made it possi-Are Helping Thousands

Of Farm Women

BY MRS. EDITH M. WAGAR

Community Work men to write to me for explanations county of Farm Bureau methods and for The federal Smith-Lever approcorrections of any misunderstand-

the Farm Bureau connection with to match U. S. funds and for service to the public. Strictly speaking, this was a relief measure intended to as-

extension work within the county also to encourage the farm boy and troit for co-op shippers. and that these agents should work girl to follow the footsteps of his for Farm Bureau members only, ancestors in the most modern way. while some think they should re- Yet the distinction between those fuse to work with any except peo- agriculturally inclined and those Farmers' Clubs will hold its annual National Stockman and Farmer.

Extension Workers' Status While the County Farm Bureaus

in most of the countles throughout ble to have extension work within those counties, as they have paid the local share of the salary, have provided equipment and office help and the agent's expense and many times Chairman, Farm Burcau Home and even the office, yet these same extension workers are in duty bound I'm very glad that I asked the wo- to serve all of the people within that

of interest about Lansing.

(Continued on page 2)

use them, too.

son. Daggett and Wallace each have

Farm Bureau seeds next spring.

During October, 1924, the Michigan Elevator Exchange enjoyed the largest business in its history. It marketed \$964,000 worth of grain and beans for farmer members of 150 affiliated co-operative elevator

Has A New Salesman

just the reverse has been simmered meeting in the Senate Chamber, Capdown to the two distinct classes- itol Building, Lansing, Michigan, on

MICHIGAN FARM BUREAU NEWS

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THE STATE FARM BUREAU'S PROGRAM

TAXATION-Relief for sorely burdened farm property by enaction of:

(a) Two cent gasoline tax for highway funds.

(b) State Income Tax in place of State's general property levy. (c) Law forbidding any more tax exempt secur-

ities.

(d) Equalization of assessment of farm and city property in accordance with sales values of

MARKETING-LEGISLATION-

TRANSPORTATION—Immediate application of Michigan Zone Rate decision to save farmer shippers in 69 counties \$500,000 annually.

Extension of sound co-operative marketing program now well under way in Michigan. Passage of the Capper-French Truth-in-Fabric bill, completion and operation of the U. S. Muscle Shoals Nitrates plant and manufacture of fertilizer; opposition to any form of sales tax or of consumption tax, retention of federal income tax.

AN AMAZING TURN IN HIGHWAY AFFAIRS

Almost unbelievable developments in the state highway financing problem for the future have taken place in the last few days, looking forward to the convening of the Legislature in January, when it is hoped that a fair highway financing problem will be adopted.

In 1923 a two cent gasoline tax for highway financing purposes was passed by the Legislature but vetoed on the grounds that it would raise too much money, that the tax would be passed on to the user of the gasoline and that it might be unconstitutional. At that time the opponents of the measure declared that the gas tax would raise \$7,000,000 annually and that the State didn't need that much money—it was too much—twice too much, in fact. Today we hear that talk, and from the same sources. In the meantime, the \$50,000,000 in road bonds have been exhausted and we have them to pay off, together with interest, and no money in the highway fund for continuing the road program. Then this happens:

On November 25, 1924, the State Administrative Board ordered the issuance of 1925 auto license plates delayed from December 1, 1924, to February 1, 1925, pending early enactment of a highway financing measure by the Legislature. This seems to be a hint that the Administration expects to see changes in the license rates, and we are informed that the Governor has in mind a weight tax plan that will raise \$16,000,000! Some estimators place it at \$20,000,000.

The Governor is now quoted as believing that the State highway department will require at least \$20,000,000 from motorists in 1925 and is going after it, favoring a weight tax in place of the present license system, which he estimates would bring in \$16,000,000 at 70 cents per hundred pounds. The present license rates figure out about 70 cents per cwt. on small cars. Large cars and trucks now average far below that and would pay more under a 70 cent weight tax.

That's the way things stack up now. Two years ago a 2 cent gas tax producing \$7,000,000 annual revenue was declared unnecessary. Today the State feels the need of at least \$20,000,000 annually for highway purposes. Such a change in viewpoint almost takes one's breath away. Looks as though the gas tax foes will have to take that "too much money" argument against a gas tax out and bary it.

The Legislature will get all the facts on the highway finance situation early in the session. It may find it advisable to enact a combination weight and gasoline tax and make other modifications on the 1923 proposal. It is assured that a gasoline tax will be insisted upon as a fair measure of the benefits that motorists get from good roads as attested by their mileage, the weight of their cars and their corresponding gasoline consumption. It also would eateh several hundred thousand tourists who should contribute to the Michigan roads they enjoy, but pay nothing today and can not be reached under any other system than a gasoline tax.

SUMMING UP 1924 FARMING OPERATIONS

The crops are made and the season practically ended. Grain is threshed and silos are filled. The early movement of grain to market has been heavy. Many growers are struggling with a problem of soft corn. Potatoes, one of the East's chief money crops, turned out large yields but they are meeting a very disappointing market. This comes discouragingly on top of the depression in the eastern dairy industry.

The wheat situation represents an almost spectacular combination of circumstances. We alone have a good wheat crop while the consuming world is short of bread grains. Our producers have reacted to higher prices in a very human wayacreage planted to winter wheat is said to be from 5 to 10 per cent larger than last season. But to regard this year's situation as representing any lasting alignment of supply and demand is to mis-measure the forces on both sides. It is one of those lucky accidents that sometimes happen once. Europe will bend every effort to avoid repeating the heavy purchases of wheat she must make in this country this season.

The forward prospect in hogs appears somewhat more definite. Judging from this season's pig crop, the probable fall pig crop, and from the present attitude of producers as to breeding for next spring, there are apparently fewer hogs in sight for next year than any time since 1920. Moreover, the corn situation spells lighter weight hogs. The trend of hog production in Europe is about the same as here. All of which seems to mean more than an even chance for higher hog prices.

A drop in hog production might play some part in the beef cattle situation. The country is apparently still "long" of eattle. The run of beef stock to market is heavier than last fall and it is going to slaughter rather than to feed lots-real liquidation, in other words. Cattle raisers are now in probably the most distressed position of any major group of producers.

On the whole, however, the season is evidence of pretty good adjustment in agricultural production. Were this a year back in pre-war times it would rank as a fair, average season for agriculture. But it is not. The farm's immediate background is four years of black depression, and against that background the situation must be sized up. He has put his productive house in order and has achieved the payment of considerable debt. That is about the story of 1924.

Such are the observations of the U. S. department of Agriculture for the year now drawing to a close. On the whole, not

DODGING GAS TAX BRINGS LICENSE MIX-UP

At the meeting of the State Administrative Board, November 25th, it was decided to hold up the issuance of automobile license plates until February 1st or later. The plan had been to place them on distribution the 1st of December in order that Michigan motorists might have time to purchase them and have them ready for use January 1st. It is not plain what those people who purchase new cars during January will do. They cannot get new plates and they cannot run without licenses.

Even if the Legislature should pass highway financing legislation during the first 30 days of its session, it would seem almost like ex-post-facto legislation to make any such bills retroactive and have them take effect from the beginning of the calendar year.

If there is at present a crisis in the matter of highway financing it is not the fault of those senators and representatives who stood for gas tax in 1923. Even when that measure was vetoed there was plenty of time for the enactment of a highway financing program during the special session if the Governor had granted the law-makers permission to take up such matters during the special session.

Two years ago the Farm Bureau warned that the \$50,000,000 highway bond issue would soon expire and some new system of financing our roads would then be required. These warnings went unheeded until now all of the bonds have been issued and a large portion of the revenue spent. This condition is as regretable as it is unnecessary. The best way out of the situation today appears to be to rectify any injustices which may exist in the present license law and then to enact an adequate gasoline tax as a permanent basis of highway finance.

Home Demonstration Continued from page one)

many problems in common.

agent finds the home problems of derfully fitted for this work. all housewives very similar wherever If they can be conscripted to as- receive that will bring about health-

from the country.

Local Leaders Needed

the commercial city dweller on one been such interest before or such hardest problem to work upon. side and the rest of the people on good co-operation. It has been some We are all too apt to eat the the other. And at that, we have task to find local leaders who would things that we like and scoff at the be willing to learn and again willing wisdom of eating what is best for To be sure, the agricultural agent to take this knowledge back to their us. But nevertheless it has become finds the greater share of his work home groups. But a careful survey as interesting study when taught by coming from the distinct rural dis- of any neighborhood usually results these specialists in the common tricts, while a home demonstration in finding one or two women won- sense way that they have. And we

sist, they not only render valuable ier bodies for our families and hence I am certain that all of the helps assistance to these busy extension happier homes. home jobs that you couldn't be bet- experiment stations while we learn-

it too, for it is given only to groups, sentiment and demand for it. It is just like a school; we could not In Michigan, the Farm Bureau is College, afford a teacher for each individual a real business organization and its scholar, but we prefer one teacher great reason for existence is to bet- RUBBER HEELS HAND for just as many scholars as she can ter the business relations of the care for and do them justice. / farmer. We are proud of the fact A Minor Difficulty

other's position.

specialist, and so only two groups of reau. women in each county can get this Altogether we are well pleased turing. training, because the leaders are lim- with the close co-operation of our ited and they are worked to full ca- organization with other organizapacity. Of course, in counties where tions and the department of agria Home Demonstration Agent is em- culture and M. A. C. If we farmers ployed, the local needs govern the would take an inventory of our posline of work taken up and the man-sibilities under this combination we ner in which it is extended. It is to would acknowledge that we are a be expected that in those counties power among ourselves for the upthe women are getting - assistance building and broadening of our comalong many lines not to be expected mon cause. It is indeed gratifying in others not so fortunate.

vote their energies to three distinct rather than as a competitor. subjects:

In the subject of clothing they desire groups of from 10 to 12 and they give instructions in the use and The present laws bearing upon cohow to use patterns and how to alter them; how to make a dress other phases of agriculture to

project this year which means that to arrive at some immediate recom-163 families are coming in direct mendation looking to the stabilizacontact with this clothing specialist tion of cattle industry. to from 5 to 10 others and so one can see that the effort is far reach-sion has asked for information on work in four months.

to care, repair and replace the nu-ferent classes of statistics. merous articles and appliances required in the average home. There's attended the first meeting. C. S. homes some changes of system can izations, was unable to be present just a little more efficient. There are just about as many receiving instructions along this line as in the clothing project.

4,000 Studying Nutrition

Then there is the nutrition work. There are eight counties at present interested in this project with 400 women belonging to the classes, who in turn have pledged themselves to pass it on to some 4,000 others, besides much along this line is being done through the rural schools.

We have heard for years about a balanced ration, for the dairy cow. During the days of the old time farmers' institute we expected that subject to be the chief topic of discussion and although we sometimes wearied of it, we knew it would take many repetitions of that story to make the desired impression and that one would have to be suffering and patient before its practice would become general. Today we can see the results at every turn and just so will be the outcome of this study We find this has been a banner of nutrition-not only for the grow-Agts. Doing Fine Work we find this has been a banner ing child, but for the matured adult, Michigan women; there has never although the latter seems to be the

welcome the advice and caution we

going out from M. A. C. in the line of workers but they are doing a great When we hear of these many home extension service are open to missionary work in their community helps that are within the call of the rural groups anywhere, if they and also getting the practice that young homemaker today, we older would only make application for they need to keep them efficient ones who have passed through the them. The sorry part of it is that themselves. Last week I heard a struggling days of the beginner, alquite often the groups or classes are local leader of a clothing club say most wish we might turn back at the made up of mostly town women for that she was glad to have a chance beginning and avoid the many misthe reason that it had seemed im- to work with her neighbors, "for one takes as the result of guess work, possible to interest enough women was never so good at any of these when our husbands were veritable

The number of specialists for this besides the hours we labored over ming; O. E. Bradfute, President of extension work is very limited; they the task of making his shirts.

have the whole state of 83 counties Bureau Aids Extension Work

that we have been able to serve so One woman spoke to me about many people of the state by fosterone of the specialists objecting to ing all forms of extension work and industry \$30,000,000 during the past children accompanying the mothers. we hope always to give the encour- few years. It is said rubber out-Now I do not know just how far agement necessary to keep it active. wears leather and its use has become this point is enforced, but you know In some of the states the Farm thoroughly established. About 90 it would be a hard matter to teach Bureau and the Extension Service per cent of men's shoes and 20 per any of our ordinary schools if all seem to be almost one and the cent of women's shoes are factory of the little folks of the district went same, but the same service is given equipped with rubber heels in this along with the others. Furthermore, to the Farm Bureau member and country. On 351,000,000 pairs made you know that there are some moth-general public alike. In those states in 1923 this represents a quantity ers who are thoughtless about allow-there were no other farm organiza- of sole leather for which some other ing a child to interrupt or interfere tions in the field until the Farm Bu- market must be sought. with meetings of this kind. These reau came into being. The Extentrained leaders have their work as- sion Service needs an organization signed them and they are expected to work through and there the work cent of a full crop for Michigan, a to cover just so much during a term, is done almost exclusively through somewhat greater production than which is four lessons, one each the Farm Bureau. In Michigan the indicated earlier in the season. The month for four months. I am cer- Extension Service has worked quality is rated at 86 per cent, or tain all of such little differences can through all the farm organizations. be ironed out if we understand the In the other states mentioned above, the Farm Bureau does not serve its As yet each county can have but members as a business organization, a quality of 74 per cent. Frost damtwo days' service from the extension as does the Michigan State Farm Bu aged a portion in commercial dis-

to know that all of the agencies now These specialists at present de- look upon each other as an ally

Agricultural Commission Studies Farm Situation

care of the sewing machine-what operative marketing will be closely the attachments are for and how to studied and the co-operative bills use them; how to make pockets; now pending in Congress will be con-

form; how to choose goods; how to come under the scope of the Comcombine colors; how to choose shoes mission as announced after its preand stockings and underwear. After liminary sessions include: Public we attend these schools, the one land policies as they affect American thought is,—how little we really know about these every-day duties servation of resources, and grazing; of home and what a blessing they water power as it affects agriculturwould be to the housewife if she al development; standardization of could get this training in the begin-ning. What tears could be avoided and what time and money could be There are seven counties or four-teen groups working on the clothing

Finance and Farming

Among other things the Commising, for approximately 2,000 families have been assisted in this line of as it relates to agriculture, par-Then there is the Home Manage- Loan Board, the Federal Reserve ticularly from the Federal Farm ment project where household helps Board, and the War Finance Corand conveniences are explained, poration. Close study also will be where we are shown ways of sav- made of government statistics, ining steps and strength and time, cluding those collected for agriculwhere we are shown many ways of ture, what purposes are served in self-helps in every day duties, and taught the durability of materials, furniture and furnishings and how lection and dissemination of the dif-

no home that can run always on a Barrett of Oklahoma, chairman of schedule but in the majority of the National Board of Farm Organbe made that will make the work Those present were: Chairman R. D.

ed the rules of batters and pastry Carey, former governor of Wyothe American Farm Bureau Federation; L. J. Taber, Master of the Natto cover so they have no time to Now, returning to the connection ional Grange, Ralph P. Merritt, waste or energy to lose. So if we of this extension service to our Farm President of the Sun-Maid Raisin ask for this service, we should be Bureau organization, I trust you can Growers, R. W. Thatcher, Director in dead earnest about it, not as a all see that while we encourage and of the New York Experiment Stangartime but because we would be that while we encourage and of the New York Experiment pastime but because we really want assist in many ways this splendid tion; W. C. Coffey, Dean of the Colto know the latest methods and wars to know the latest methods and more work, yet we in no way control it lege of Agriculture and Director of in every way about the different nor is it our purpose and aim to the Experiment Station, University of lines of work that they are trained in. And there we must know that the farm women, but rather we have of the American National Livestock there are others near us that want only wished to keep growing the Association; Wm. M. Jardine, President of the Kansas State Agricultural

HIDE MARKET BUMP

Rubber heels have cost the leather

The pear crop represents 67 per two per cent below the average.

Michigan's grape crop proved to be 75 per cent of a full one, and had tricts because of the lateness in ma-

Something for Nothing

Yes, the heading means just what it says. We want to send you three booklets absolutely free: "A Hundred and One Farm Uses of Concrete," "Permanent Repairs on the Farm," and "Plans for Concrete Buildings."

Whether you are going to build a new building, or repair an old building, these booklets will show you how to do the job for all time.

The booklets are well illustrated with samples of blue prints. They give you practical information about Concrete silos, dairy barns, barn floors, feeding floors, hog houses, milk houses, and many other forms of Concrete construction. They also give simple directions for proportioning and mixing the materials, so you will be sure to get the greatest value out of every sack of cement you buy.

Remember, these practical little books are absolutely free. Send for them today. PORTLAND CEMENT

ASSOCIATION Dime Bank Building DETROIT, MICH. A National Organization to Improve and Extend the Uses of Concrete Offices in 29 Cities

WHO WANTS TO ADOPT HER?

But the Christmas Fairies soon found

her,
And sheltered the lovely lost Dolly.
And now those same Christmas
Fairies,
Are flitting about o'er the country,
To find her a home and a mother.
In a way known only to foiries.

In a way known only to fairles, They found Baby Dolly a guardian, Who will carefully love and protect

Till some little girl mother adopts her,

THE CHRISTMAS FAIRY

MESSAGE

So now to our little girl readers We send from the good Xmas Fairy, This Yuletide message and greeting, "If your home has sweetness and sun-

And playtime and laughter and kind-

And you'll try to give all this to Dolly, She's yours," You may have her by Christmas.

A MESSAGE FROM DOLLY'S

GUARDIAN

She is really the finest walking, talking, sleeping doll I ever saw, much prettier than her picture,—24 inches tall, with a perfect pink and white complexion, real hair, genuine patent leather shoes, and such a cunning fluffy dress. When you lay her down she goes to sleep, and when you take her up she calls "Mamma" in such a darling natural voice. If you really want this lovely Dolly, you can easily get her. Just send coupon below, and

get her. Just send coupon below, ar I will tell you how by return mail.



She was born in a far-away city, Mid the smoke and noise of a factory, And for just a short fleeting moment, She had a mother who loved her.

But scarce had the wee helpless haby, Uttered her first cry of "Mamma" When iron machines and swift moving Snatched Dolly away from her mother,

Dolly's Guardian, Battle Creek, Mich.

Dear Guardian: Please tell me how I can adopt your orphan baby.

If you mail coupon right away, I will send you a MAGIC Christmas, CHARM, that will make every body eage to help you get the Dolly

Address State

SEND TO DOLLY'S GUARDIAN

Modern Poultry Breeder

Battle Creek, Mich.

PRESIDENT SAYS **FARM FUTURE IS** IN CO-OPERATION

Coolidge Asks Agr'l Colleges To Emphasize Co-op Marketing

SHOWS THE NECESSITY

Believes Farm Sales Problem Can Be Solved Through Organization

Washington, Nov. 25 .- President Coolidge, speaking at the recent annual meeting of the association of the agricultural colleges of the United States, urged the educators and farm leaders to give everything at their command to the development of farm co-operative marketing.

'The agricultural problem of today," the President insisted," is not on the side of production, but on the side of distribution. Too little thought has been given to this phase," he added.

The Problems

The immediate problem, the President said, is to bridge over the difficulties resulting from war-stimulated surpluses. To this end he Real Service Can Be Given If one family. promised that the government would do everything to prevent a recurrence of recent agricultural mistorcently called a conference of agricultural leaders to make legislative recommendations to Congress. The President also insisted that the know how to produce well as the conference of agriin reducing production costs it is just as important that the farmer know how to buy well, as that he produce well as the children have the fundamentals of art that these children have

ed States will become one of the ganizations," Mr. Babcock declared. greatest of the agricultural buying nations.

A New Condition

"Up to the present time," Mr. of our agricultural education has been placed upon production. I believe that was right, because unless there is economy and efficiency in production there is no need for the placed over a larger tonnage and production there is no need for the placed over a larger tonnage and the placed over the placed over a larger tonnage and the placed over the placed thought in any other direction. But so plant operations may be continuous and therefore economical; sectors experience of the last few years uous and therefore economical; sectors with amazing sensitiveness and ability.

Asked what part Mr. Brody played, work himself, are given as follows:

Convenient arrangement, enabling ability. thought in any other direction. But so plant operations may be contin- bers the orchestra plays and the lic work. means enough. The farmer is not rily, thus reducing order-getting ability.

The farmers must face the prob- tion can buy on the market to advanlem of the future, coming possibly tage. in a generation, Mr. Coolidge declared, when this nation will be preponderantly commercial and indus-

cluded our requirements of coffee, deficit. tea, sugar and wool, we already have even now we consume more calories cable to co-operative business in kind we could obtain pasted in our only agricultural exports of conse- igan Farm Bureau News, our Farm and clasps. That year my work was and wheat; and as to the two latter, tablished to render a large volume of school and at the County Fair. it must be plain that the scales will service to the members, and the excultural buying nations.

in sight of the new day.

We must look forward to a long- you buy. continuing increase of population. We must realize that our relation- Ottawa Co. Member ships with the outside world, already enormously important, will increase in number, complexity and import-

Faith in Organization

"We cannot begin too soon to pre-Dear Mr. Brody:

Enclosed please find check for it. First place was awarded us.

Helping Other Girls contradictory to suggest that in a November 15, 1924.

I have enjoyed the tions. But it is not really a contra-diction. The organizations and methods which look to economics and efficiencies in producing and distribution will be equally useful, equally necessary, in either set of circumstances. To fail in establishing these Orchard Knoll, instruments will commit us to that Spring Lake, Mich., R. 2, Box 106. most inexcusable of economic sins. a deliberate policy of sheer wastefuldisposing of a surplus or permitting from Central Canada to Liverpool cookies and puddings. We also had agr'l extension work, for the year sult in calamity.

"Finally, you will remember that to see them endowed with ability the open country."

Brothers and Sisters Make Up New Orchestra



BUYING DEPENDENT ON LARGE VOLUME

Farmers Give Co-op All Their Business

President also insisted that the know how to produce well, H. E. The organization is composed of farmer must be willing to readjust Babcock, general manager of the four daughters and two sons: Viola, farmer must be willing to readjust his methods of production and distribution in accordance with the tribution in accordance with the told extension men at Ithaca, New piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; Carol, 12, violin; Clark, Jr., to become musicians, and without the piano; carol, 12, violin; Clark, Jr., to become musicians, and without the pia President Coolidge predicted the overhead simply because they spread not far distant time when the Unit- their buying power over so many or-

> the work of the G. L. F., (the New from "Ruins of Athens," by Beeth- almost all the time, and so interest-York Farm Bureau,) as follows:

Volume Determines Profit Mr. Babcock declared that the suc-

cess of co-operative buying depends on volume and he pointed out that the farmers themselves control this ized at school. I became a member "In a very few years," he said, volume. In support of this state- and during my first year I made a "the natural increase of population ment he read from the report of the sewing bag and two fudge aprons. and the inevitable tendency to in-certified public accountant on G. L. dustrialization, will place us among F. operations last year, which showthe nations producing a deficit, rathed that with a \$6,000,000 volume of was elected secretary of the club. er than a surplus of agricultural business the Exchange was able to staples. We were fairly on the accumulate a surplus of \$67,000 and learned how to clean and press velverge of that condition when the at the same time give its patrons one vet and the correct size needles and World War gave a temporary and cent's worth more for every dollar thread to use. This year I made a artificial stimulation to agriculture, they spent through the Exchange blue voile dress, a kimona and a which ultimately brought disastrous than it had the previous year when princess slip. Some of my sewing consequences. Even today if in it handled only \$3,000,000 worth of was exhibited at the county fair making up our balance sheet we in- supplies and finished the year with a and awarded prizes. This year our

a considerable agricultural deficit, about the Grange League Federation of cotton, wool and silk cloth, the Kipling Poem Lauds It may not be generally known, but Exchange business is equally appli- width, prices, and a sample of each of food in this country than we pro. Michigan. As Mr. Brody pointed out notebooks. We also put in patches, duce. The main reason is that we in his open letter to the membership darns, seams, hems, correct ways of do not raise near enough sugar. Our printed in a recent issue of the Mich- sewing on buttons, hooks and eyes, quence are cotton, meat products, Bureau business departments are es- exhibited at Achievement Day a shortly turn against us. We shall tent to which the members avail planning, lighting, interior decoratbe not only an agricultural export- themselves of this service is in real- ing and furnishing of the home ing nation but in the lives of many ity the only limiting factor in Each of us drew the plans of our who are now among us, we are like. Farm Bureau service. An increased own home, mentioning any improve

ly to be one of the greatest of agri- volume of business done through any ments that would make the hom of the Farm Bureau business depart- more modern and convenient. Fo "In this lies the assurance to the ments or co-operative exchanges sewing, I made a library scarf, pil American farmer that his own fu- means better service and more at- low slips, buffet set, and a pillow. ture is secure enough. But he must tractive prices. The moral is obvi- think club work sewing is my favor readjust his methods of production ous-Use Your Farm Bureau. If you ite. I make all my own clothes and and marketing until he comes with- want Farm Bureau feeds, seeds and am planning to make my graduation other supplies, insist on them when dresses this spring.

Writes The Secretary

ance in their influence on our social Mr. C. L. Brody, Seey., structure.

Mr. C. L. Brody, Seey., Michigan State Farm Bureau, Lansing, Mich.

pare for this future. It may seem \$10 for payment of my note due

surpluses for which markets are not Bureau News and hope to be able to er for the first year club. I had easily to be found. We must begin do my part in supporting the one twelve girls who completed their to plan for exactly opposite condireal farmers' organization.

John H. Dreffein. grove

ness. And wastefulness, whether in and marketing a bushel of wheat breads, cakes with and without fat a deficiency, in the end can only re- has been determined at 40 cents a some very good times this year and 1925 bushel.

America has but one great staple and character, with patriotism and to find the most suitable methods o product. We till the soil, we op- religious devotion. We want to see preparing tough and tender meat erate our industries, we develop them truly American, while ready cuts and we made several new kinds and the vote was unanimous. transportation, we engage in com- and eager to contribute a generous of bread. Miss Bullis demonstrated merce, we encourage the arts and share to world welfare. We want the making of buns and breads and sciences, but these are only means to see them honest, industrious and we all learned many variations. to an end. They are all carried on independent, possessed of all those This fall I chaperoned two of my ned for Stephenson, Menominee in order that America may produce virtues which arise from an adequate club members to the State Fair, county, probably the first week in men and women worthy of our moral and intellectual training, join They demonstrated the making of December. M. A. C. experts will constandards of citizenship. We want ed to experience which comes from baking powder biscuits and peach duct the sessions, from 10 a. m., to

Family Orchestra Is Result of Mother's Tireless Work

little fellow, but all doubts vanish Mr. Babcock continued discussing when one hears the "Turkish March" oven, played by the orchestra, Jimmy "A co-operative buying organiza- just brings the Turks marching right they won't have time for mischief." Coolidge said, "the main emphasis tion such as the G. L. F., can get into Athens with a vigor and strength

Saginaw Co. Girl Tells

Later a Sewing Club was organ-Work in Sewing The second year of my sewing I

notebooks were kept in very good What Mr. Babcock has to say order. We had the different kinds

In my first year cooking we stud ied cereals, fruits, vegetables, eggs milk, beverages and frozen dishes experiments of starch. At the close of this year's work I was a member of the team that went to the State Fair, to demonstrate the making of cottage cheese and various ways of serving

Helping Other Girls The summer I took my second I have enjoyed the Michigan Farm year cooking work I was local lead We also had some very good times We had a trip to Pine River and very enjoyable meeting at Watson's

While during my third year work I was again chosen leader; this time finished our season's work with meal. We made several experiments shortcake, and received first prize, 3.30 p. m.

Lansing's newest orchestra rather | hard to overcome inabilities; to adapt its the top notch in records with herself and himself to the playing its personnel of six people ranging in of the different instruments in har age from 6 to 16 and all members of mony and rythm with the others.

Granted all mothers take an in The Clark L. Brody orchestra, terest in their children, yet named after its paternal sponsor and financial backer and directed by Mrs. Clark L. Brody, recently launched it- work with their children, especially

to be doing it that they want to do it ed in the nicer things of life that

Every member of the family was

only a producer, he is likewise a merchant."

The farmers must face the problem of the members of the Brody family weren't just gifted with musical taltheir requirements so their organization can buy on the merket to advan-

They also demonstrated at the county fair and each girl exhibited buns Club Work Experiences and bread she had made and some prizes were awarded. The girls have completed their work and handed in their notebooks and stories this month. I have enjoyed cooking very much and I have almost decided to

His Michigan "Sons"

Not every state has a railroad station embalmed in poetry by Rudyard Kipling, Britain's great poet and novelist. Michigan has two of them.

When F. D. Underwood, now head of the Erie, was general manager of the Soo line-short for Minneapolis, St. Paul & Sault Ste. Marie-he named two little stations in the Upper Peninsula, Rudyard and Kipling, and sent the famous Englishman word of his Michigan namesakes. Kipling responded with these lines: "Wise is the child who knows his

The ancient proverb ran. But wiser far the man who knows How, where and when his offspring

For who the mischief would suppose I've sons in Michigan?

Yet, am I saved from midnight ills That warp the soul of man; They do not make me walk the floor,

Nor hammer at the doctor's door. They deal in wheat and iron ore, My sons in Michigan.

Oh! Tourist in the Pullman car (By Cook's or Raymond's plan), Forgive a parent's partial view, But maybe you have children, too, So let me introduce to you My sons in Michigan.

Kent Supervisors Solid For Agr'l Education

Grand Rapids, Nov. 10 .- The Kent County Board of Supervisors at their my club numbered six. That year annual fall session appropriated \$3, The average cost of transporting we studied meat substitutes, quick 000.00 towards the expense and maintainance of the Kent county

> County Agent K. K. Vining gave the supervisors a complete review of the outstanding pieces of work. Forty-one supervisors were present

PLAN POULTRY SCHOOL A two day poultry school is plan-221-227 N. Cedar St.

POUND OF PORK **EVERY 7 MINUTES**

International Exhibit Shows Astounding Record of Illinois Farm

Chicago. Nov. 26 .- A pound of ork every seven minutes is the record of a quarter-section Corn Belt hog farm on which actual figures were kept for a year by the United States Department of Agriculture in co-operation with the University of Illinois. The operations on this farm and the plans of cropping and feeding have been used as the basis for an exhibit which is being shown at the International Livestock Exposi-One might think Jimmy didn't big aim to keep her children—"busy, the International Livestock Exposition to much because he's such busy, busy," she says, "so busy with something they like to do, so happy cember 7.

The principal crops grown on the farm were corn, oats and soybeans, very little feed being purchased and much of the oats being marketed as grain. During the year 78,700 pounds of hogs were marketed, which was a little more, than a pound of pork produced every seven minutes during the entire year. The outstanding reasons for the success of this farmer, who did most of the little labor; well balanced rations producing gains withous waste; and continuous use of fresh pasture providing cheap feed and keeping the hogs in excellent condition.

Cull Peaches Marketed By Packing For Bakers

Considerable quantities of peaches take a Home Economics course next in Niagara county, N. Y., are used for barreling with sugar. The stock I have had eleven years of club is of second quality, not very suitwork from which I have derived able for regular market. The peachmuch benefit and have taken two es are stoned, peeled by a strong trips to the State Fair and attended caustic solution, put up in about one-Club Week at Lansing. Through my fourth their weight in sugar, and success and enthusiasm, I have sold by the barrel, mostly to bakers. been able to interest many of my One plant in Lockport puts up about friends, both boys and girls, in club 10,000 pounds per day, using chiefly culls that in most seasons would go to waste.



A Valuable Discovery for Peach Growers

"The Hale peach has become very popular as a commercial variety, because of its good size, appearance, quality and ability to stand shipment. It has proven very popular in many sections of the country, but in Michigan it had the habit of producing a lot of small fruit which

"This was a problem, until this year, when Professor Gardner, of M. A. C., tried out some tests, including pruning and cross-pollination. The work on cross-pollination is what proved to be the solution of the problem. It is shown very convincingly on the Hale tree on the J. J. Barden place near SOUTH HAVEN that that variety is self-sterile. In some cases, clusters of over 150 buds were sacked so they would have to fertilize themselves, and not in one instance did fruit develop. But where the blossoms were pollenized by pollen from the Elberta, Kalamazoo or SOUTH HAVEN, the results were very satisfactory. The pollen from these three varieties gave better results than that from other varieties.

"As the Kalamazoo is not as good a market peach as the Elberta, it need not be included in the list. But this experiment seems to indicate that the ideal combinaion for the commercial peach grower are alternate rows of Elberta, Hale and SOUTH HAVEN peaches. These three varieties ar unexcelled for market purposes, and with Elbertas or SOUTH HAVENS set close to the Hales, good fertilization of that variety is assured.

"The results of this experiment are so evident that if one has had the trouble referred to with the Hale peach, he can feel sure that the interplanting of the other varieties will solve the problem."-From the MICHIGAN FARMER, Issue of August 23, 1924.

Note portions above which are emphasized We are the introducers and sole propagators of the SOUTH HAVEN peach. The genuine can only be secured from us. Drop us a card, for history and valuable information about this hardiest of all commercial sorts.

THE GREENING NURSERY COMPANY Monroe, Michigan

Still Growing Born 1850

Seed Cleaning Service

Now is the time to have your clover seed cleaned by the State Farm Bureau Seed Dep't and have it in first class shape next spring.

We have the equipment that gets buckhorn, thistle, pigeon grass and wild carrot. We are prepared to make other difficult separations. We send your seed back right. Our cleaning prices are very reasonable. Please get in early as we can not do custom cleaning after Janu-

OUR CLEANING PRICES Cleaning seed free from buckhorn ... Cleaning seed containing buckhorn. Cleaning over Centrifugal Mill for removal of thistle, pigeon grass or mustard.. Cleaning, scarifying and recleaning alfalfa and hulled sweet clover. Cleaning and scarifying unhulled sweet clover 40c per bu. plus actual time required for hulling at

We are in the market for seed and will be glad to nake you an offer. We al vice, selling the seed whenever the owner indicates. turns will be prompt. All seed in the Farm Bureau warehouse is fully covered by insurance and watchman protection. Write us.

Michigan State Farm Bureau Lansing, Michigan

TRUE ECONOMY IS REFLECTED

In Buying Good Clothes

Quality

Fairly Priced

There may be other ways of making friends—other ways to make a success-but to our mind no way is sure-so universally approved as the giving of real co-operation, which means an unfailing service combined with a square deal.

As for clothing of quality and price we are in a class by ourselves with a wonderful large assortment of the finest virgin woolens to be had.

Let us tailor your next suit to your individual measure and you will be convinced that we are showing you Merchandise of Merit for Less.

Now is the time to make your selection from our wonderful stock of 100% woolen bed blankets and underwear, both union and two piece suits. All sizes, stouts and regulars.

If it is not convenient for you to call and inspect the largest and best assortment of virgin woolens that we have ever had, just drop us a postal card and we will gladly mail you samples.

MICHIGAN STATE FARM BUREAU

Fabric Dept.

Lansing, Mich.

MICHIGAN CROP REPORTS SHOW **UPS AND DOWNS**

Potato Yield Is Tremendous; Clover Seed Lightest In Years

MOST CROPS DID WELL

Rough on Fruit Growers

By VERNE H. CHURCH

U. S. Crops Estimator, Lansing, Mich tion for the average producer: The growing season of 1924 terver seed and sugar beets are above the so-called western top lambs. the average in yield per acre. Fruit growers suffered more generally partial crops.

one-half billion bushels less than this heavy end in their tops. was produced last year. Potatoes

ed about 12 per cent less acreage than the average of the last ten years, the production indicated amounts to 38,227,000 bushels. This in line for the so-called "top" can sell them and compete with to as saying that four out of every amounts to 38,227,000 bushels. This crop has only been exceeded twice, in 1909 and in 1914. The large production is due to the high average that had the eastern salesmen, parduction is due to the high average to maintain and compete with the salesmen and compete with the sale quality is rated at 91 per cent, being which would appear on paper to be the country. A good many produc- and tear on the roads and under we do not need the money, certaintles where grown. The national try would not have netted near as ways a demand for some few heavy, ment of facts be true, why abancrop is 454,119,000 bushels. This much for his lambs this season as dressed lambs on the eastern mar. don the gas tax for any weight tax over the bumper crop of 1922.

Beans acreage of beans in Michigan this ods of extreme depressions on not will tempt the average consumer year was planted to small whites, 4 overly heavy receipts for the sim- This, I know from my own personal per cent to large whites, 10 per cent ple reason that the packer would experience on the New York dressed to red kidneys, and 2 per cent to rather buy uniform, handy lambs at market. soys, limas and others.

Much of the clover seed crop avmated at 85,000 as compared with ural proceeding for any packer-105,000 last year and 150,000 two purely a matter of dollars and cents years ago. The indicated yield is

233,000 and that of 1922, 1,887,000 is the matter with the eastern mar- facts on the market. bushels.

Test weight of grains: The average weight per measured bushel of winter wheat this year is found to be 59.5 pounds; spring wheat, 58.0 pounds; oats, 33.8 pounds, and barley, 48.4 pounds, all being decidedly above the average.

Sugar Beets

at 67 per cent, 12 per cent below \$1.75 to \$1.80. last year and 10 per cent below the ten-year average.

Producers Man Analyzes Eastern Lamb Market

By Shippers Than Chicago

BY JAMES F. ROBERTS

Co-op Comm. Ass'n cago and western points generally of years past. around \$14? This is a natural ques-

minated for the greater part of the man lays entirely too little stress on this year. Apparently he is facing the grower's protection against his taxation to be levied." State, on October 21-23, when the the word "top" and what it implies. a very bad condition when it looks shipment being thrown down on the first general killing frost occurred. On the eastern markets the tops of as if he must buy his feeders in the other end on the whim of the buyer Governor Groesbeck had the gas tax Notwithstanding the backwardness a given bulk of lambs is not the west on a \$14 top market and sell as "not up to grade." The U.S. in mind when making this statement. of the season and slowness in matur- same type, weight, quality and yield- them on a \$13.50 market. This has certificate is evidence of the first It is interesting to observe that i ing, all main crops except corn, clo-

than grain farmers this year as ap- with a very large percentage of the to the eastern markets. While there inspection is upfield, the buyer must els as compared with a yield of 34.5 fused to recognize, whereas the pack- latter condition cannot possibly con- handling of his product. bushels per acre and a total produc- er who kills and sells these lambs tinue when the western fed lambs tion of 58,167,000 bushels last year. is forced to recognize it. Therefore, oegin to come finished, fat and Forty-two per cent of the crop this the packer must, of necessity, buy right, for the simple reason that no year is reported to be of merchant- the general run of eastern market packer can pass by the eastern marable quality as compared with 73 lambs which carry at least some kets and go into the western marper cent last year. Only about 50 overweight lambs at a price which ket and buy even at the he had been very favorable to a per cent of the crop is being husked. will satisfactorily compete with the same price, The national crop was more than western lamb, which does not carry and kind lamb, that he could Michigan some method of collect-A Paper Top

yield of 127 bushels per acre. The manner as to maintain a top price generally a misunderstood factor in cause the greater part of the wear terests opposed to the gas tax that four per cent above the average. It in line with the western market, ers feel that it is an over estimated is estimated that 61 per cent of the they would have had to sort so se- form of pressure used by the packer crop will be shipped out of the coun- verely that the producer in the coun- to reduce their costs. There is alis the largest crop on record. al- he has by the market, which has ap- kets but this is limited largely to levy which would let the tourists though less than a million bushels peared to be out of line on a paper hotels, restaurants, etc. When, as go scot free and force the entire Eighty-four per cent of the total the eastern markets have had peri- created and only price reduction a higher price in the west, also pay-

East Has Averaged Better

the eastern producer more money than the western producer has received for his; and it must be true or the packer would not allow the Sheep Salesman, Buffalo Producers eastern lambs to accumulate on the Buffalo, Nov. 17.—The question is and go west and purchase lambs at attaining national and international generally around \$13.50 with Chi-greater this year than in a number and vegetables, one or more of

East's Turn is Coming This brings to mind the position well as interstate commerce. could not on the eastern dressed our roads. Of course, if the eastern salesmen market compete with the man who

borne out by the fact that most of marketed, a broader outlet must be ers?

ing the increase in freight than to only appears to be out of line. It ing much of the fact that in the inpurchase the eastern lambs, as sort- is not, and it cannot be out of line dustrial state of Massachusetts the erages light. The acreage is esti- ed, even at the lower price. A nat- over any period of time on the same proposition for a gasoline tax was kind, quality and weight lambs.

This packers' movement of pass- ing to observe that the Buffalo Pro- and Missouri, the voters at the same 1.2 bushels per acre, giving a total production of 102,000 bushels as against 147,000 in 1923 and 240. This packers' movement of passing to observe that the Buffalo Proproducers Co-operative Commission approved constitutional this fall and going to the west for Ass'n sheep and lamb receipts for amendments providing for a gasodoes in 1922. The quality is rated their supply even in spite of the dif-terence in price, coupled with the big per cent of the total sheep receipts poses. Thus, by telling merely one-The total crop of the United States demand for western feeding lambs on that market. Mr. Roberts, in third of the full facts the gas tax is estimated at \$17,000 bushels, being generally light throughout the country. Last year's crop was 1,-

Market Conditions

As Reported by the Michigan Elevator Exchange

The condition of the sugar beet crop on November 1 was 83 per cent as compared with 90 per cent one year ago. The beets are averaging smaller in size than usual but possess a good sugar content. The total production is estimated at 7,157,000 tons.

Fruits

Dec. which usually is a very dull month, farmers as a rule are selling wheat to meet Christmas and tax money. The traders also consider December to be one of the largest delivery months of contract wheat, there being over ninety-five million bushels in the visible supply as of tons.

Fruits

The harvesting of the apple crop has been completed and is estimated out of the way we expect to see bet-prices after the turn of the year.

Dec. which usually is a very dull month, farmers as a rule are selling wheat to meet Christmas and tax money. The traders also consider December to be one of the largest delivery months of contract wheat, there being over ninety-five million bushels in the visible supply as of last, which adds a little more to the actual shipping tonnage.

CORN—Corn market will probably be pretty dull during the month of December. We still believe corn will sell at considerable higher prices after the turn of the year. The harvesting of the apple crop take this wheat. After December is that been completed and is estimated at 7,333,000 bushels, or 44 per cent of a full crop. The quality is rated of a full crop. The quality is rated see May wheat sell in Chicago from for cash oats now is very poor and the considerable significance.

RYE-This grain has had a sen- this month. sational advance in the past six

WHEAT-With the approach of | months. The future prices are all are convinced as to the fairness of Dec. which usually is a very dull governed by the amount of business the system and its satisfactory op-

are such light pickers that they are put on the market in less than half the time they are in ordinary years. According to best information we can get, there was a larger movement of beans in October this year than lest in spite of us having a ments:

According to best information we can get, there was a larger movement of beans in October this year ments:

The Grand Rapids Chronicle." declares that Michigan requires no gas tax because it "does not need the money."

The Grand Rapids Coronicle in discount of the coronicle in spite of us having a ments: than last, in spite of us having a smaller crop. Farmers will probaby market quite a few beans in Dethe truth to make it highly import-

Clean Cattle Found

cline in the disease among the cattle of the same territory. For five years, third inaugural message the need for 1919 to 1923, inclusive, a great deal a new system of highway financing. of work in eradicating the disease "When the Governor makes his from the cattle in the territory was recommendations, we shall listen most to the vanishing point.

nominee cow testing ass'n.

FARM PRODUCTS IS COMING FAST

Service Wins Favor With Growers

which grades have been adopted by 25 states for use in intrastate as

due to no other reason than that fin- the buyer to his contract. The buy- Henry L. Whitfield of Mississippi Salesman Help Growers ished, right weight and good fed er may secure an inspection at despleaded, "Place the tax where it can best be borne."

Gas Tax Battle Lines Forming for 1925 Fight

the same quality gasoline tax levy because it gave that all of the construction work in purchase in the East because he ing taxes from tourists who use this year. However, the fact re-

would sort out these overweight is getting the eastern lambs on ac- a county which is in the main line building program already authorize present conditions pay nothing toward the upkeep. If this statebasis. This has been especially this fall, so many heavy lambs are burden on the Michigan car own-

One-Third of the Truth As an example of the frantic efforts of gas tax foes to influence the public mind in Michigan, it might be noted that the Detroit Automobile In short, the eastern lamb market Club recently issued a bulletin makdefeated by the voters, Nov. 4. This bulletin absolutely failed to mention EDITOR'S NOTE-It is interest- that in two other states, Minnesota enemies would mislead the Michigan public. The truth is that the gas tax is becoming more and more popular, and the only noticeable change in state legislation with reference to it is that additional states are enit is that additional states are enacting this type of legislation and those already having very small gas taxes are from time to time seeing fit to raise the amount of the levy per gallon, thus proving that they

probably will continue so throughout However, considerable significance is attached by certain political ob-BEANS—The bean market continues with downward trend, due tenant-Governor-elect Geo. Welsh's BEANS—The bean market conservers to the fact that one of Lieutinues with downward trend, due tenant-Governor-elect Geo. Welsh's largely to the fact that the beans are such light pickers that they are Chronicle's declares that Michigan

cember to get Christmas and tax money and December being a naturally dull month, we would expect to see beans sell perhaps a little lower until after the turn of the year, which we scarcely have started. With when we should have considerable which we scarcely have started. With no bonds to fall back on we must (and should) pay as we go in future construction—and there is still a tremendous construction program To Mean Clean Hogs pending. The state still owes the counties some seven millions of un-Records kept on 75,000 head of paid dollars in 'road rewards.' If hogs slaughtered by a packing com- these contemplations do not spell a pany in Iowa in five years' time, all 'need for money' then Santa Claus of which had been raised and haul- has been elected Governor. As a ed from within fifteen miles of the matter of reality, however, there is plant, showed the decline in the no Christmas tree in the executive number of hogs affected with tuber- offices, and we shall be very much culosis to be in proportion to the de- surprised if Governor Groesbeck

Last month 8 unprofitable cows 'weight tax' in the substituted highwere sold from herds of South Me- way program which is inevitable. As a basic element in equity-even if

dismissed as a source of new funds—the 'gas tax' (validated by BRANCH FARMERS the experience of 39 states) should have consideration.

Other political observers are atempting to attach probable undue igan's governor at the conference of Shows East Is Doing Better kets this fall" is an error, and that the eastern lambs, weight and quality considered, have been bringing and Governor of Grossbeck's menting on Governor Groesbeck's remarks at that meeting, declared:

"Governor Groesbeck of Michigan believed it was not so much a mat-In the first place, the average which the eastern lamb feeder faces The U. S. certificate as to grade is have much trouble with the kind of

It is hard to say whether or not

It is quite evident that the matter ples, peaches and pears were only eastern country having an unusually have been some fed lambs marketed pay for the inspection. Should the good grass and roughage crop, have they have been disposed of too soon inspection show the goods below the Corn crop correspondents report run with an exceptionally long, over- and have not been the kind or flesh grade certified, the contract is off, ing Michigan lawmakers when they an average yield of 27 bu. per acre, weight end. This the average sales- lambs that would bring a satisfac- but the grower has something to assemble for the 1925 session. It is or a total crop of 45,981,000 bush- man on the Eastern market has re- tory price under any condition. This work on in checking back on the common knowledge that the last of the funds from the sale of the \$50, 000,000 highway bond issue will be required to complete the road building program already authorized by the State Administrative Board.

While this program was all authorized for 1924, it is quite apparent mains that all of the bond money This representative comes from | will be required to complete the road ture meets and decides upon the matter of a permanent policy in of that county are from outside highway financing for the state. In view of this fact, the argument of inly is groundless.

BUSINESS NEWS

3c a word per insertion for 3 or more insertions; 3½c a word for each of 2 insertions; 4 cents a word for one insertion. Count each word, abbreviation and figure, in-cluding words in signature, as words. Cash must accompany order. Mich. Farm Bureau News.

LIVESTOCK

GUERNSEY BULLS, ADVANCE REG

reasonable. Glenn Clark, Eau Claire 12-26-2 HOLSTEIN HEIFERS FOR SALE

QUALITY DUROC BOARS AND GILTS. Best blood lines. Reasonable price. Write R. Wells, Pokagon, Mich., Cass Co. 12-11-24

POULTRY

MISCELLANEOUS

FOR SALE-CEDAR FENCE POSTS ooles, lath, vineyard stakes. Alber Schmidt, Hillman, Mich., R-1. 2-28-2

BREEDERS' DIRECTORY

Shropshire Rams of the Wooly Type Registered and Priced Right Dan Booher, Evart, Mich., R-4

Why Your Stock

The farmers' own co-op commission houses at Detroit and East Buffalo are getting farmers better returns.

Your own experienced and conscientious salesmen sell your stock to the best advantage and you benefit. More than that,-the co-ops are saving money on low operating costs and they pro-rate it back to your ass'n!

Drovers and old-line commission men can't live on nothing. They figure a good living out of their shipping profits.

You can realize that profit yourself, and why not? Your co-op organization carries your stuff clear to the packer's hands and you get all it brings. Our salesmen are the best in the business. Ship your stock to the-

conducted, until the disease among the cattle has now been reduced al- has a superlatively efficient grasp Mich. Livestock Exch.

PLAN 65 MEETINGS

significance to the remarks of Mich-Many Will Profit Through Big Dairy Alfalfa Campaign

county is to have a series of 65 dairy managing the meetings. ter of forms of taxation that inter- and alfalfa meetings Dec. 4 to 13th, Washington, Nov. 26.—Standard-ested the people of the various four in each township. They are to market when selling around \$13.50 ization of farm products is rapidly states. On the contrary, they had be held in farmers' barns, each meet-Keep expenses within reason and if dep'ts will discuss everyday prob- from the 350 tons of scraps daily.

lems of alfalfa production from the standpoint of fertility, liming, seeding, curing and feeding practice. The dairy men will discuss feeding methods, balancing rations, cow testing ass'ns and bull ass'ns. These meetings will be especially valuable to the farmer milking from 4 to 14 cows or the farmer who is looking for some good, cheap, leguminous hay. Time and place of the various meetings will be announced locally. Coldwater, Nov. 26. - Branch County Agent C. W. Andrews is

HOW HENRY LUMBERS

On Henry Ford's timber holdings just about concluded that 'the more ing so located that no one will no tree under 12 inches in diameter Cold Season and Frost Was being asked again this year—what \$14.00. This advantage to the east-importance, declares the U. S. Dep't forms of taxation, the more money have to come more than four miles is cut; accumulated brush is burned is the matter with the eastern lamb ern producer, notwithstanding the of Agriculture. Federal grades are will be spent.' The more important to take it in. The program is armarket? Why has their top been difference in top price, has been now available for 30 kinds of fruits problem facing state officials, the Michigan governor thought, was to be held each day. Specialists from into wood distillation plants and 34 'stabilize government expenditures, the M. A. C. dairy and farm crops valuable by-products are recovered



Ask for N-C Salt

You want a salt that won't harden. N-C (non-caking) Salt never does because it is made from a natural brine, not from rock

Distributed and recommended by the Michigan State Farm Bureau through local co-operative ass'ns. Ask for it. All grades.

SAGINAW SALT PRODUCTS COMPANY SAGINAW, MICHIGAN

GET MORE EGGS

by

Feeding What's In The Egg

That's sound logic and eggs are up. No combination of grains alone is an economical egg forming feed. 100 lbs. ordinary grain rations produce 224 yolks and only 154 whites. Hens need protein to produce whites.

Farm Bureau Poultry Feeds

completely meet the laying hen's requirements by furnishing the kinds and amounts of protein hens need to keep egg production up. Our public formula assures you of their high

quality. Ask your co-op for MICHIGAN BUTTERMILK Protein 20%, Fiber 7% forn Meal Oat Flour
Wheat Bran
Wheat Mids, (white)...
Meat Meal

oried Buttermilk

MICHIGAN EGG MASH Protein 21%, Fiber 7% Fat 41/2 % Corn Meal Calcium Carbonate

2,000 Ibs We offer a full line of public formula Michigan Scratch Feeds and Chick Feeds. Ask your nearest co-operative Ass'n. In

MICHIGAN STATE FARM BUREAU Purchasing Department

Lansing Michigan

Why Farmers Like Michigan Milkmaker

Farmers with milk to sell like Michigan Milkmaker, the Farm Bureau's 24% protein dairy ration.

As feeders they know that good feeds, properly balanced and with the right variety of proteins, will get the milk and produce it economically. Milkmaker does that. It's public formula, listing the milk making ingredients pound for pound tells why. Its cost is very reasonable. Below is the ingredient formula for Milkmaker and the reason each ingredient is in the feed:

500 lbs. Gluten Feed because it is a highly digestible combination milk and fat producing feed. 260 lbs. 43% Cottonseed Meal, a very highly digestible

protein milk producing feed. 240 lbs. Old Process Linseed Meal because in addition to being a high protein milk producing feed, it keeps the cow in good physical condition. It acts as a laxative, tones the digestive system and gives the cow a sleek coat of

200 lbs. Corn Distillers Grains, the most easily digested, palatable, high protein milk producing grain obtainable. It is rich in vitamines. 200 lbs. Standard Wheat Bran, in addition to being a good source of protein, it adds bulk to the ration and helps

to keep the cow in good physical condition. 140 lbs. Yellow Hominy, an appetizing, fattening feed which keeps the cow in good flesh. It stores animal fat in the cow's system which will be converted into butter

100 lbs. Standard Wheat Midds, an economical source of protein and has advantages similar to those of bran.

100 lbs. Cane Molasses, because it helps make Milkmaker palatable, stimulates the flow of digestive juices and keeps the cow's digestive system in perfect order

100 lbs. Ground Oats, because it is a dependable and economical feed which adds bulk to the ration and gives vigor to the cow. 100 lbs. 40% Peanut Meal, because it contains necessary proteins lacking in some other ingredients, also for its very

pleasant taste and high digestibility. 20 lbs. Salt, because it seasons the ration, aids in building up strong bones, is an appetizer and promotes and

assists the action of the digestive fluids. 20 lbs. Calcium Carbonate, because it is positively needed in milk. Without it in the feed the cow must draw on her own skeleton for lime salts. Calcium carbonate builds the cow's frame work, and enables her to produce a strong

20 lbs. of Steamed Bonemeal, the best source of phosphorous for developing strong bone in both cow and calf. Phosphorous is an important element in milk. Its presence in the feed makes the proteins more digestible.

Michigan Milkmaker, fed half and half with ground oats, is a perfectly balanced ration. This ration fed at the rate of one pound to 4 lbs. of milk furnishes ample protein to produce 31/2% milk. With higher test milk, increase the

260 Michigan co-ops handle Milkmaker. Ask your manager to supply you.

Purchasing Department MICHIGAN STATE FARM BUREAU, Lansing, Michigan

MICHIGAN

upon Michigan's general highway problem, but we shall be disappointed if he exclusively emphasizes a led if he exclusively emphasizes a



Guaranteed 95% Carbonates