MICHIGAN FARM BUREAU NEWS

A Newspaper for Organized Michigan Farmers

Eighth Year, Vol. VIII, No. 14

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Issued Semi-Monthly

ELEV. EXCHANGE RE-MAKES STATE'S GRAIN MARKETING

Has Become Largest Handler Of Grain and Beans In State.

82 ASSOCIATION MEMBERS

Financial Success Is No Less Remarkable Than Its Growth.

"The Michigan Elevator Exchange is one of the finest co-operative setups in the United States, exceeded only perhaps by the California Fruit Growers Exchange."

"That opinion, given recently by a representative of the Federal Farm Board, was part of the good news heard by nearly 600 farm members, elevator managers and directors who attended the 10th annual meeting of the Exchange at the Hotel Olds, Lansing, July 15th, to hear reports of the past year's work, and summarize the experiences of the past ten years.

The Exchange is now the largest handler of grain and beans in Michi-

Measure of success is reflected in the fact that in 1920 the Exchange served 20 member elevators; today it serves 82 stockholding elevators. Its original capital of \$16,000, subscribed by the local elevators at \$200 a of patronage stock dividends declared out of earnings to \$94,200 in capital stock outstanding. In addition thereto is an undivided patronage dividend of \$66,000 and a reserve fund of \$25,000, all accumulated out of earnings.

Not Hard To Like

has a value of \$10,800. He said:

'Considering too that during all a saless office out to get the most for us, that our accounts have been guaranteed, this way of doing busi-

This year the Exchange paid its in Peru the stem rust ravages wheat. Butter In Storage Is on outstanding capital stock and distributed \$7,500 in extra cash dividends, and \$15,000 in stock according to patronage.

SHIPPING RECORD						
						Crop
rear, 4	,842	cars,	as	foll	ows:	
Whea	t				1509	cars
Oats				4.4	529	cars
Corn					1064	cars
Rye					227	cars
Barle	y				226	cars
Buck	whea	t			6	cars
Bean	S				1281	cars
				-	_	

Bean Business

Despite a shrink of 11% in the carlot shipment of beans from Michigan last year, the Exchange shipments shrunk less than 1 per cent. the greatest curse of the country. the greatest tarse of 3,045 carloads of 400 bags each of And it makes ye miss him." foreign beans, compared to 1,077 per pound, thanks largely to the evidence presented in tariff hearings by the Elevator Exchange, Michigan

Elevator Set-Up The Elevator Exchange has its sales and general offices in the State Farm Bureau building at Lansing. It is connected with the principle grain markets, grain exporters, and millers. It keeps its affiliated elevators posted by means of daily letters, telephones and telegraph as

The bean department is connected to wholesale grocers and canners and Many of its rates, such as those on are now offered a stronger market. other buyers of beans throughout wool, eggs, long staple cotton and the United States. The Exchange dairy products, will be generally storage plant of large capacity mum assistance in border markets parity in tariff protection which has are included in the schedule. grades of Michigan beans, for which tion against the market demand.

by the Federal Farm Board as the same products, we imported \$333,- there is an advantage in favor of agrigrain and bean co-operative for 800,000 in their first processed form. culture. It can safely be said that ation, and is the Michigan co-opera- imports having a value of more than culture, and that it affords to agri- ducts, hides, wool, long staple cotton, conditions. Ass'n. The Exchange is now organiz- encourage the production of some high degree of protection.

WHAT DO YOU THINK ABOUT IT?



COFFEE, BANANA, RUBBER DISEASES TAKE GREAT TOLL

membership, has increased by reason Nations Sometimes Lose An agricultural statistician at Lansing, Industry And Have To Start Again.

While plant diseases curtail our wheat crop by some 97 million bushels annually, our corn crop by 271 mil-The writer sat with one local ele- lion bushels and our potato crop about vator manager who said that their 95 million bushels, other nations are charter investment of \$200 has fighting devastating diseases that afgrown to \$5,400 in stock and that flict some of the best known comby reason of individed patronage modities in the United States, says Dr. dividends, etc., that \$5,400 in stock R. J. Haskell of the U. S. Dep't of

Agriculture. He points out that the very foundathat time our farmer patrons have tion of the banana industry is threathad through the Exchange the best ened by a fungus which causes what activities were Pennsylvania, with prices, day in and day out, that is known as the "Panama disease." we've always had a market through the losses from which run into the acres; Massachusetts, 3,938 acres; millions. The cocoa industry suffers from the fungus disease "witches nia, 3,023 acres. In the United broom;" the rubber plantations of States a total of 111,175 acres was ness and its results aren't hard to British Guiana and Suriname from the replanted to trees. "South American leaf disease"; and

and a blight the potato crop. Rust, he says, which has wiped out the coffee industry of Ceylon and India has not yet reached the American The Exchange does an annual tropics, but in other coffee-producing storage were reduced about 7,000,business in grain and beans of regions has either destroyed the in- 000 lbs. between June 1 and July 1. around \$9,000,000. The past year it dustry or has greatly handicapped it This improvement is encouraging, increased its volume by 800 carloads. by making it impossible to grow some even if we had on July 1 some 106,-Its shipping record for the period of the choicer varieties of the bean. 727,000 lbs. of butter in storage as July 1, 1929 to July 1, 1930, includ- In India and Ceylon planters have compared to 91,962,000 lbs. a year ing corn and grain, bought for local been forced to substitute tea as a crop ago. Stocks of cheese, shell eggs, in areas affected by the coffee rust.

Dr. McCool Resigns

Dr. M. M. McCool, head of the soils department at Michigan State College for the past 15 years, has resigned to go into the commercial field. He is succeeded by Dr. C. E. Millar, professor of soils at the college for many years.

"Drink", said the Irish preacher, "is

1930 Bean Acreage Highest In History

Bean acreage for 1930 is the largst ever planted in the State-833, 00 acres-with crop and weather onditions to date indicating a bumper crop, says Verne H. Church, U. S. The acreage increase is 20% over 1929. Seven leading bean states report increase in acreage from 2 to 21

Michigan Leads U.S.

Michigan, with 27,820 acres re-State last year in total acreage plantand with 21,135; and Louisiana third mailed direct to memi with 10,583 acres. Other States acres; Washington, Ohio, 3,428 acres; and Califor-

Stocks of creamery butter in cold

OAKLAND COUNTY

and the evening of August 7th at Farm Bureau News.

NASH TELLS HOW TO USE BUREAU'S

Explains Dividend Procedure For Fertilizer And Feeds.

HAS AID FOR SHIPPERS

Important To Keep Posted Through Meetings And Newspaper.

bers, Mr. C. L. Nash, state director of at \$4. organization for the State Farm Burmembers should proceed to avail reach to Mars and back again explain-Bureau. Mr. Nash says:

"DIVIDENDS (Feed)-Members, to get their feed dividend should (1) Ask Co-op manager for Farm Bureau feeds. (2) Sign member's Feed Contract, one copy of which is too be sent to the Farm Bureau Services, Inc., Lansing. If by April 30, 1931, the member has taken out 90% of his contract and his membership dues are paid, dividends will be paid him on all feeds bought. The above requirments must be rigidly adhered to.

"DIVIDENDS (Fertilizer)-Ask for Farm Bureau fertilizer. Have your Coed to forests. New York ranked sec- July 1 and December 1 and checks

"TAXATION-LEGISLATION-This which ranked high in forest-planting Department of the Farm Bureau serves you by devoting its entire efwith the State Farm Bureau in giving Noon v Reduced to 7 Million Lb. advice and service to members. Do entertainers will perform. Bureau on any problem of taxation

about which you are concerned. "TRAFFIC-Members' freight bills are audited free as to correctness. Claims against transportation companies collected free. Drainage, R. frozen eggs, and poultry in storage without charge. Write—Traffic De-Hawley of Ionia July 14 handare also considerably heavier than partment, Michigan State Farm Bur-ed down an opinion upholding the eau, Lansing, Michigan.

MEMBERSHIP WORK the Clothing Department. When in ine tuberculosis. The case had been Lansing have your measurements in court several months. Oakland County Farm Bureau taken. You can then order by sample members will prepare the evening of at your convenience. Take advantage August 6 at the Davisburg townhall of special blanket sales, etc. Watch

Stony Lake Park for membership "INSURANCE- Local insurance in the world to compaare with those 12. work to be done later in the northern agents in your community will handle in Michigan. The 1928 catch was 21,half of the county. All Farm Buyour automobile insurance claims if 367,943 pounds from the Great Lakes

Compare Prices We Have Seen Since 1920

\$2.25 to 50c; Beans \$10 to \$4, Ect.

By L. E. OSMER

our lives. We have, since 1920, seen wheat at \$3.25 and 80c; corn at \$2.25 with us. Sizes of crops have some and 50c; oats at \$1.25 and 25c; rye at bearing, to be true, in creating this Addressing all Farm Bureau mem- \$2.50 and 50c; beans at \$10 and beans sentiment, but no where near in pro-

Economists and government officials farmer why he was offered \$3.25 for "MEETINGS-Attend all County his wheat in 1920 and 80c in 1930 with and District Meetings. Read the Farm less wheat in 1930 than was raised legislation, etc. Take part in framing and no economist yet has been able to chart this peculiar quality in hu-

It is a Riddle

A striking example being general ousiness conditions and commodity prices in the United States a year ago compared with today. We have practically the same executives in charge of governmental aflairs, the same gen-

BUSINESS SERVICE Wheat \$3.25 to 80c; Corn eral conditions abroad as prevailed twelve months ago, crops practically the same and yet we find in one short year a plunge from the heights of optisism and general business prosperity to what would be called a panic if the Democratic party had won the General Manager of the Michigan if the Democratic party had won the Elevator Exchange, in his report to the last election. Human nature, public 10th annual meeting at Lansing, July 15.

In the first decade of the Michigan to call it will come out of the present sentiment or whatever else you choose Elevator Exchange extremes in prices slump. Confidence will come back of farm produce have been much wider again and commodity prices will firm than probably will be seen again in up. That is history over and over again, and the riddle of it all stays

portion to price changes. In February, 1929, when beans were eau, describes how Farm Bureau have figured statistics that would \$10.50 in a wholesale way buyers were in a frenzy to buy and many large users themselves of some of the principal ing why prices act as they do, but laid away several months supply at services offered by the State Farm never fully informing a Michigan top prices. Just as suddenly, almost a very few weeks. Simply a phase in Bureau News. Keep familiar with in Michigan in 1920. The facts are, the business of selling farm produce, and others on the other side, repreyour Organization's stand on taxation, prices largely reflect human nature but generally unsatisfactory to all but those who sold at top prices.

Federal Farm Board

Federal Farm Board backed with half per cent or more as a means of maka billion dollars of governmental ing the surplus manageable and infunds empowered with authority to at- creasing the price per bushel tempt to iron out these hills and val-

Policyholders In State Farm Mutuals to Meet

Clinton and Shiawassee county per cent, probably 230,000 acres in op manager list your name and pur- policyholders of the State Farm Muchase on a sheet which he has. He tual Auto Insurance Co., and the should return this to the Farm Bureau State Farm Life Insurance Co., for Services, Inc., when called for. Divi- which the State Farm Bureau is state dends are issued by Farm Bureau agent, are to have a meeting and en-In '29 In Reforesting Services to members who were members at time of purchase and whose at Ovid, Tuesday evening, July 29, dues are paid. Dividend periods close at 8:15 p. m. Pres. J. G. Meherle of stored to tree growth, led the United June 30 and October 30 of each year. State last year in total acreage plantDividends are calculated soon after reau will speak. Music and other entertainment will feature the program. The meeting is under the auspices of the Clinton and Shiawas-

see County Farm Bureaus. 4,400 forts to secure more equitable taxes and their friends will have a similar Washtenaw county policy holders for farmers. In this day and age this meeting under the auspices of the means reduced taxes for most farm- Washtenaw County Farm Bureau at ers. In addition to the department at the Methodist church, State and State headquarters, many County Washington streets, Ann Arbor, Wed-Farm Bureaus have organized tax- nesday evening, July 20, at 8:15 standard time. ation committees which co-operate o'clock. Pres. Meherle and Pres.

F. B. Test Upheld

Following closely the dismissal of charge of contempt against State Department of Agriculture officials R. fences, highway, power line probin connection with the Edwin S. lem investigated and advice given fight in his court, Judge R. A. right of the State to condemn, ap-"CLOTHING-A 6% dividend is giv- praise and slaughter privately ownen members on their purchases from ed cattle for the eradication of boy-

INLAND FISHERIES

There are no other inland fisheries

CASS VAN BUREN CO-OPS, BUREAUS IN BIG PICNIC

Cable Lake August Sixth.

Cass and Van Buren County Farm Bureaus, together with all farmers' co-operative assn's in those counties, are preparing for a monster all-day farmers' picnic Wednesday, August 6th, at Cable Lake Park, 5 miles north and 41/2 miles west of Dowagiac or nine miles south and two miles west of Hartford.

President M. L. Noon of the State Farm Bureau is to make the address of the day at two o'clock, central

The program is filled with games and contests, arranged so that almost

The program opens at 9:30 a. m., central time, with games under di-Hartford. At 10 a. m. a contest for tries at sacrifice prices, to be made 10:30 Cass and Van Buren County Farm Bureaus play a ball game. Other features are a Houdini handmen's cow calling contest, ladies' husband calling contest, horseshoe pitching finals, weed seed indentification contest and two programs for children while Mr. Noon addresses the picnickers. One program of games, etc., will be for children under 12, the other for children over

Free coffee will be furnished for the basket picnic dinner at noon. reau members and wives are invited you are insured with the State Farm alone, and the amount taken from There are tables in the grove. The

LEGGE AND REED WHEAT DEBATES STIR SOUTHWEST

Compared To Lincoln-Douglas Debates For Their Importance.

TO CURTAIL OR NOT?

Not Necessary Claims Reed: Ten Percent or More, Says Mr. Legge.

Compared to the Lincoln and Douglas debates for importance as debates go, were the debates in five southwest major wheat producing states of Kansas, Colorado, Oklahoma, Texas, Nebraska, during the week ending July 12 between Chairman Legge of the Federal Farm over night, demand disappeared and Board and Sec'y A. M. Hyde of the the market sank \$3.00 per hundred in U. S. Department of agriculture on senting various interests in the great wheat belt.

Question under debate was wheth-One year ago there was created a er or not to curtail wheat acreage 10

Gov. Reed and others maintained leys in prices of farm produce. It that the present surplus is temporary has probably been unfortunate for the and that demand will soon catch up with production, citing population increase as one factor in favor of such views. He urged the Farm Board to take more wheat off the

Chairman Legge and Sec'y Hyde insisted that production is increasing faster than consumption and that the carryover has increased every year for the past several years. They take a long time view of the Preparing For Big Time At situation and say that the only real solution of the problem is a curtailment of acreage, and for the farmer to organize and so control his production and marketing that he can place himself in the position of asking prices for his products rather than taking what he is offered. As to taking more wheat off the market, Mr. Legge said no! The Board has taken off about 60,000,000 bushels, and the carrying charge on that amounts to about \$1,000,000 per month. The Board is inclined to let wheat find its level under present conditions.

Gov. Reed insisted that Kansas and other southwest states are wheat states and cannot reduce their acreage. Kansas has increased her wheat everyone can participate somewhere. five years, replied Mr. Legge, and if Valuable prizes have been offered by there is to be curtailment of acreage, Kansas must be in the picture

rection of Rev. J. W. Broxholm of as dumping wheat into other counup here, said Mr. Legge. Every other nation has already protected its agriculture by erecting barriers cuff demonstration by Mr. Broxholm, might be expected from the United States.

Messers. Legge and Hyde said that they had come into the wheat belt to give farmers the facts on wheat. They charged Reed and others with attempting to make political capital by telling farmers what they want to

hear rather than what the facts are. Governor Reed charged the Farm Board as a complete failure because it had tried to hold wheat at \$1 and now it is 65c in Kansas. He asked

cars the previous year. They came in under the 1%c per pound tariff, which has now been increased to 3c per pound thanks largely to the evi-

State Farm Bureau, and Michigan Sec'y Hyde Tells representatives in Congress. What Act Will Do

By ARTHUR M. HYDE Sec'y, U.S. Dep't of Agriculture

For agriculture, the tariff act of -1930 will be a distinct gain. Actually by-products as casein and vegetable and potentially it increases tariff oils and offer many opportunities for protection for American farmel's, diversification through crops which

The Exchange has been recognized 000,000 in their raw state. Of the as butter and meats) be considered

of which we imported in 1928, \$287,- forms of agricultural products (such 22c to 27c per pound.

crease upon other schedules in the President under the flexible provis- effective upon the class of cotton.

Third in percentage of increase is by creating a stronger market.

Duties Raised on Leading Home Products

but it benefits other classes of wheat demand and price.

beets; will add to the value of such basis, the percentage of increase an fruits and fresh vegetables and sugar. is long staple cotton which the United China.

agricultural products (Schedule 7) is The duty on wheat was not increas- States imports, for special purposes, The duties on all meats and meat more than twice as large as the in- ed above the rate established by the this duty will therefore be largely products were raised. In some cases,

bill. This increase was 54.43 per ion of the act of 1922. Establishing One of the major problems facing try, the increase in duties will have cent since the increase on all items this rate of 42c in the 1930 act, howcovered in the bill is only 6.17 per ever, makes possible such changes in creasing production of short lengths larly when supplies in the United cent, the increase of 54.43 per cent on rates as later investigation may show and of untenderable grades of cotton. States are moderate. The great beneagricultural products is significant. to be required. Despite the surplus The tariff duty will put a premium fit arises from the fact that it protects The next largest increase is 22.17 in production, the duty on wheat is upon the production of the longer the American market from the threat per cent over the act of 1922. This is partially effective. It is most effective staples of cotton. This should re- of gluts created by foreign producers, on spirits and fruits syrups. These in protecting the hard spring wheat sult in a great improvement in the products are almost wholly of agri- growers in seasons of short crops, quality of the crop and increase both

Live Stock Increases

scheduled 1 covering chemicals, oils Visualize the condition which would Increases in duties on livestock and from 21/2 to 61/2 cents per gallon; on and paint. Such important agricul- exist if no tariff whatever existed. poultry will be effective particularly cream from 20 to 56.6 cents per galtural products as casein, wool-grease. Absent any tariff, our markets in the in border markets and at some phases lon; on condensed milk, unsweetened. The new bill reduces, even though olive oil, some tropical oils, soybean Northwest and on our seaboards of the production cycles. The increase from 1 to 1.8c, and sweetenned from has at Port Huron a picking and beneficial. Others will be of maxi- it may not entirely eliminate the dis- oil, potato starch and other starches would be open to both North and in duty on live cattle, weighing less 11/2 to 23/4 cents per pound; on cheese South American competition at a than 700 pounds, from 11/2 to 21/2 from 5 to 8 cents per pound; casein, which has been of much service to and under favorable market condi- heretofore existed between agricul- The fourth highest percentage of lower freight rate than is enjoyed by cents per pound; and upon the from 2½ to 5½ cents per pound; and affiliated elevators for extra storage tions. All will serve to hold the tural products and industrial pro- increase is on the schedule 11 which our own growers, and at a smaller heavier animals from 2 to 3 cents will on butter from 12 to 14 cents per space, for drying wet beans, and for home market for the American pro- ducts. The statisticans of the American pro- ducts. The statisticans of the American propicking. The Exchange packs at ducer, and add to the economic urge ican Farm Bureau estimate that if Here the increase is 20.77 per cent charge from the producing country to stocker and feeder cattle. Likewise and since the production of many of Port Huron three trade marked to agriculture to balance its product raw agricultural products alone be over the act of 1922. The tariff in- Liverpool. This competition would the increase in duty on hogs from 1/2 the dairy items is not sufficient for considered against industrial products crease on the various classes of un- soon operate to pile up our surplus to 2 cents per pound will tend to domestic requirments, a duty on these a national reputation has been es- The new tariff act provides increas- there is an advantage in favor of in- manufactured wool runs from 3c to 13c wheat at inland points, and to lower strengthen the hog market, par- items will be largely effective. The tablished among wholesale buyers of ed duties upon agricultural products dustry, but that if first processed per pound. The duty now varies from prices. Despite the fact that the surplus American wheat prevents full relatively small. The increase in the butter will depend largely upon the protection from the tariff, it is none duty on live poultry from 3 to 8 cents extent to which this country holds the less true that such tariff does will be effective in some markets, production in check so that supplies Important agricultural products hold the American market for the Increasing the duty on eggs in the may not exceed requirements. Michigan. It holds membership in For practical purposes therefore, the new act takes a long step toward upon which a rate of duty has been American farmer. The degree of its shell from 8 cents to 10 cents will The duty on flaxseed was raised the Farmers' National Grain Corpor- the new tarriff act is applicable to parity in tariff protection for agri- raised are cattle, meats and meat prowhich should reflect back to the in- on linseed oil from 3.3 to 41/2 cents per ation, and is the Michigan co-operative in the National Bean Marketing

\$620,000,000. The increased rates will culture, so far as law can do so, a
flaxseed, soybeans, butter and cheese.
The tariff bill provides a duty of the United States is not equal to domilk and cream, casein, eggs and egg.

The tariff bill provides a duty of the United States is not equal to doing Michigan bean elevators and crops, such as soybeans and sugar On an equivalent and ad valorum products, a large variety of fresh staple of 11% inch or longer. Since it effective to meet competition from mestic requirements this increase in

especially the fresh meats and poul-Dairy Duties Up

Of great significance are the in-

duty will be greatly active. (Continued on page two)

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E. E. UNGREN Editor and Business Manager

FERN DAVIS

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Editorials

REPEAL OF PACKERS CONSENT DECREE SOUGHT

A number of years ago action of the four great packing companies in getting into the distribution of other food products than meat was the cause of much disturbance. The nation visioned a food trust and along about 1920 the four packers found it healthy to sign the Packers Consent Decree, by the terms of which they agreed to confine themselves to the meat business and dispose of their other lines.

We have come a long ways since 1920. Enormous chain grocery store systems have developed. They operate meat retailing stores in connection. Chain grocery systems are free to develop their own meat packing plants, and other food packing or processing divisions.

What is illegal for the four packers, by reason of their consent decree, is legal for the new order of business. The four packers have a nation-wide distribution for food products, but must confine it to meats almost exclusively, while chain stores and others are not restricted in any way.

Therefore, it is not surprising that the big four packers are petitioning for dissolution of the consent decree and that they have support from farm organizations in all parts of the country who see justice in the petition, as well four more big buyers of farm products.

DETROIT'S RECALL ELECTION-DYKSTRA BILL REVIV-AL-AND REAPPORTIONMENT OF THE

LEGISLATURE

In the Detroit battle just ended for the recall of Mayor Bowles some things were spilled that will be of interest to all out state voters. Among them is the belief among higher ups in Detroit that the Dykstra bill is sure to be enacted by the next legislature.

You will remember that the objections the last legislature and the friends of good roads throughout the State had to the Dykstra bill were many, but principally, that it represented an effort by city politicians to get large sums of State highway money diverted into city treasuries and under city control, without any assurance that the funds would be spent on State highways within the city.

In a radio talk July 20, Mr. Harold H. Emmons, opponent of Mayor Bowles, denied Mayor Bowles' claim that Mr. Bowles had succeeded in having the State relieve Detroit taxpayers to the extent of \$3,000,000 annually from State highway

funds for the next five years, explaining the situation as due to the devoted efforts of the Wayne county legislators and the Common Council, led by Mr. John C. Nagel. Regarding the Dykstra bill, Mr. Emmons said:

"All of them have worked on this matter for years and at the last session there was introduced the so-called Dykstra bill, by the terms of which Wayne County would secure the

portion of this money to which it is entitled.
"Due largely to Mr. Dykstra's filness, the bill was not passed, but the State authorities knew that it would be passed at the next session. The Governor therefore took the matter up now and prepared a letter, and after the same had been revised by the State officials interested, it was presented to Mr. Bowles.'

Detroit got the money, and if Mr. Emmons has the facts correctly, the Dykstra bill will be upon us again.

Connect with that the fact that Detroit and other large cities have forced a vote by the people this fall on reapportionment of the legislature. Detroit wants increased representation in both House and Senate, strictly according to population. If successful Detroit together with a few of the larger cities, would always have a commanding majority in both houses of the Legislature. Detroit legislators have always bad a reputation for voting as a

How importantly reapportionment is likely to figure in our future State highway program is shown by the fact that recently a number of friends of the Dykstra bill wanted to create a war chest of funds for use in the coming legislature. Detroit interests convinced them that the thing to do was to spend the money for a favorable vote on the Legislative reapportionment measure at the fall election, which is drawn along the lines suggested by Detroit and Grand Rapids politicians.

Reapportionment and the Dykstra bill are as much alike as twiddle dee and twiddle dum. The outstate cities turned down the Dykatra measure, but it looks as though the rest of the State may have to step some next fall and winter to keep from going into the bag.

Tariff Worth \$102

to 25 cents per pound.

An increase in the duty on wrapper cents per pound, and corresponding ing that the rate increases on agri- the Federal Farm Board as its agency Illinois. There are 7,000 local agents the work was never completed. increases on some other types will cultural commodities were entirely in Michigan for grain and beans and ready to serve you. Your case will = increase the protection of certain effective, the average income per this company will co-operate with the get prompt attention.

from 1 to 21/2 cents per pound, on tures per farm would be increased the first year's effort should be given them known. For further information, state shelled peanuts from 4 to 5 cents, commodities purchased. The net bal-will find Michigan farmers good co-opand on many other vegetables and ance in charge of duties, therefore, erators and anxious to do their part. Michigan." nuts will be effective to a large ex- would be about \$102 per farm in favor tent. The volume of imports of these of the farmer.

fits which the bill extends to agri- on wheat or corn. Neither the in- to very small proportions and it is lieved the famine in Northwest culture are nullified by increased rates creases on the commodities the farm-upon nonagricultural products which er buys nor on those he sells will be large wheat crops. upon nonagricultural products which er buys nor on those he sells will be large wheat crops. the farmer must buy. While specific fully effective. But the foregoing items might be selected upon which analysis is sufficient to demonstrate a plausible argument might be based, that so far as tariff protection can go, brating their tenth year in business under the stockholders of the Michigan autumn, according to a radiogram from Agricultural Commissioner Nyhus at Shanghai.

Upon the whole, grain may be

How Tariff Affects Farm Living Expenses

The average farm family's annual test the effect of the tariff upon this bilities which the bill opens up for ors, we can see no reason why confood. It is estimated that deaths Lansing, budget, the new rates have been applied to it. The rate on each item doubtedly the act offers a larger mar-was then weighted by the expenditure ket for many products. Our net imfor that item to get a weighted aver- ports for the years 1926-28 of comage tariff rate. We find, that the modities upon which duties were weighted average tariff rate on commodities purchased by farmers was 16 per cent by the tariff act of 1922 and is 20.2 per cent by the tariff act duction so as to achieve a better packed full of grief and sometimes a of 1930. The maximum possible in- balance.

able items, the tariff rates average 34 per cent by the act of 1922 and 38 per cent by the present act. It may be we find that, for the remaining dutifarmer is not interested as a produc-

Important Supplies Are On Free List

\$16.54 per year, tea on which they commodities covered. It will be of the war was about 204 million acres. spend \$4.96 per year, bananas, on maximum benefit to all agricultural Last year it had increased to 245 and crude rubber are agricultural the plain economic conditions necesproducts not grown in the United sary to receive the full berefits. In 3,466 million bushels. The average States and which bear no duties.

There is a large free list which in- adequate tariff has been laid. tures is for items such as automo- equality. biles, on which the tariff is clearly ineffective. Over 60 per cent of the farmers' expenditures for building goes for items on which there is no 14,593,590,

tariff rates in the tariff act of 1930.

for commodities produced by Amer-ernmental agency to attempt to raise Continued from page one)
Sheep raisers will profit by the ican agriculture, About 39 per cent prices of what Europe buys. All these increase in the duties on wool. The of his expenditures is for commodities duty on scoured wool, not finer than on the free list. This leaves only 11% 44's, is increased from 31 to 32 cents of his expenditures for commodities per pound, and the duty on wool on the list. This leaves only 11% Board. finer that 44's to 37 cents per pound, of his expenditures for commodities The duty on unscoured wool is raised which have a tariff and in which he associations as the medium thru which Farm Mutual and have an accident, the state, is beginning studies of is not interested as a producer.

The Net Result.

New Opportunities Under The Tariff

A large part of this increase, how- quire 160,000 acres; of corn, \$1,000 else and we promise you full satis ever, is on commodities which the American farmer produces, or which are manufactured from raw materials duets and hy products, 341,000 acres; of dairy products, 341,000 acres; are manufactured from raw materials produced by American agriculture. These articles comprise 50 per cent of the farmers purchases it is 50% which bears the highest rates and on which the increases have been the greatest. If we eliminate the items which farmers as a whole may be said to buy from themselves or from the manufacturers of their products, we find that, for the remaining dutiducts and by-products, 450,000 acres; we now produce too great a surplus

said, therefore, that the average theoretical shift can be realized, terical conditions were responsible American farm family's budget may be as much as \$6 a year greater under nevertheless, the tariff act does offer the new act on items in which the diversification and better balance in an opportunity for more profitable low. A 25% acreage reduction would existed.

President Hoover in 1928 said, "an but the farmer himself. adequate tariff is the foundation of Examining further, we find that the farm relief." The new tariff act pro- increasing acreage and mounting erm "high agricultural rates" applies vides this foundation. It will be carry-overs, brought out in the deonly to commodities produced by largely operative in many agricultural bate, follow, as stated by the Kansas American agriculture. Coffee, on commodities. It will be particularly City Star: which the average farm family spends effective on nearly all agricultural which they spend \$4.36, many spices commodities if agriculture can meet million. The average wheat conany event the foundation of an

chased by farmers. Fuels, gasoline program of the Federal Farm Board. lion bushels. This surplus for any and Inbricating oils, of which the It affords the farmer of America adeaverage farm buys \$95.32, and ferti-quate breastworks behind which he member it piles up year after year. lizer and materials used for fertilizers may, if he will bring his production The carryover at the beginning of are entirely free of duties. Over 87 within the operation of the law, find 1926 was 272 million bushels; 1927, per cent of the farmers' expenditures profitable protection. More than this 332 million; 1928, 418 million; 1929, for tools and machinery is for items no law can do. It now lies in the 589 million. At the beginning of this on the free list, and incidentally a power of agriculture to take the final crop year the department of agricullarge part of the remaining expendi- step toward achieving economic

MICHIGAN PUBLIC LIBRARIES Michigan has 229 Public Libraries expands its wheat consumption about materials, and over 22 per cent of and 6 County Libraries. The total in 70 million bushels a year. But under their expenditures for equipment and come for these libraries was \$2,745. present disturbed conditions substimiscellaneous supplies are for items 829.97 is 1928. There are 3,286,371 tutes are being used and the demand on the free list. In all, about 39 per volumes in these libraries, and the is being curtailed. The demand will cent of the farmers' expenditures total circulation for 1928-1929 was increase, but in view of the new lands

AMERICAN FARM BUREAU REVEILLE

So you think we will still carry on Though you may despair of the end? As we rally our forces anon, Are you leaving your part to a friend? Too long has the foe been entrenched, To retreat 'ere the fighting is done; With valor must valor be met—Are you selling our cause to your son?

Not nearer today is our goal, Though victories are ours to enjoy; New issues will challange the boy, Not ours to be rueing the past, New battles await to be won— so give us today's splendid strength While selling our cause to your son.

Mayhap you are old,-battle-scarred, Grown weary and faint with the strife?
But to pause is to bow in defeat
While to die—fighting still—that is life!
Unchanged still the prizes we seek,
From when we the battle begun;
Are you filling the second-line trench,
By selling our cause to your son?

Not generals, but privates our need,
Not drafted, or even hand-picked;
Just give us some men for the ranks
Who fight, and don't know when they're licked!
The weapons that fall to our hand
Are more potent than saber or gun—
That justice may rule in the land,
Are you selling the fight to your son?

With the passing of our day and age, Another and better will dawn; That youth may own its heritage Must we men of today carry on,— Another.

That youth may own.

Must we men of today carry on,

Must we men of today carry on,

Then bugler again send the call!

Raily now and leave nothing undone;

Tomorrow the sun sets for us

Are we leaving things right for the son?

W. E. DOBSON,

Quincy, Michigan.

Compare Prices We Have Seen Since 1920 mand."

(Continued from Page 1) Much keen disappointment is express- paper observers commented on the mation about the river. ness between the independent dealer on the right track. and the Farm Board; a very great an-To summarize, then, 50 per cent of tagonism on the part of the European Nash Tells How To To Average Farmer the American farmer's purchases is buyer towards the creation of a govand more fell to the lot of the men and explain the Farm Bureau Auto- detail manner.

types of tobacco produced in this farm on the basis of 1928 production reduced by keting program cannot be accomplish
"GENERAL—Your Farm Bureau is and prices would be increased by keting program cannot be accomplish-An increase in the duty on onions about \$150. The average expendi- ed in twelve months and we believe you in your problems unless you make dried beans from 1% to 3 cents, on about \$48 by increases in duties on fair consideration. The Farm Board write C. L. Brody, Executive Secretary, Curtail Wheat Acreage

So far as crops like wheat, of which Famine Is Relieved products is a little over \$38,000,000 Of course tariff duties are seldom if ever fully effective in correspondingly raising prices. The tariff on tive to aid beet sugar growers of the steel is less effective than the tariff on hogs and lard. The tariff on auto-It has been claimed that the bene- mobiles is less effective than the tariff United States wheat has shrunken of winter wheat have partially re-

the following facts will show its the farmer is in a stronger position together. There is a keen satisfaction more available and lower in price in for us all in passing this marker in the famine areas this autumn, but State Farm Life Insurance Co. the business life of our Exchange. impoverishment and suffering have Bl Well financed, favorably known to the gone so far that thousands upon One great source of potential bene-trade thruout the country, and with the thousands will have neither employ-The average farm family's annual fit to agriculture lies in the possibudget amounts to \$1,159. In order to builties which the bill onese up for should not logically follow.

To you local managers, we are people. This reflects the severity of anxious that the Lansing office shall the famine. trade or deal will earn us at least a crease in the farmers' budget appears, therefore, to be about 4 per cent or duce. Our imports of soybean oil reduce. Our imports of soybean oil reduces. Try that instead of something

Legge and Reed Wheat

gested would be worth \$13 to each farmer, that wheat is only one crop to be protected

Mr. Legge agreed with Reed that for all commodity prices being too put wheat behind the 42s U. S. tariff agriculture which has not here ofore wall, he continued. But nobody can work the wheat surplus problem out

"The world wheat acreage before

sumption for the last seven years was production for the same period was cludes many of the commodities pur- The act adds to potentialties of the increase in the carryover of 43 mil-3,509 million. This means an average one year does not seem large. But reture estimates the carryover at from 100 to 150 million bushels less than last year.

Under normal conditions the world coming into production with modern

START STUDY OF **MICHIGAN STREAMS**

Condition of Kalamazoo River System Now Under Investigation.

Inaugurating work approved by the 1929 legislature which provided for a complete stream survey of the state. a party of five men is now in the field. operating under the direction of the State Stream Control Commission, and is studing the Kalamazoo River Sys-

The party, including a survey chief. a chemist, and three assistants, began work this month at the headwaters of the Kalamazoo river and expects to reach the mouth of the river in about two months.

Under the present program, a survey of the Huron River will probably follow completion of the Kalamazoo River System.

The party is making chemical, bacteriological and biological studies of the Kalamazoo river. Camps are made above and below all communities and machinery, the prospect is for production continuing to outrun the de-Much heckling and disturbance quantity of their wastes and the ef-Farm Board to have the present crop featured the meetings with both fects of this waste on the waters of year as their beginning with pre-war Chairman Legge and Governor Reed the stream. The survey party will prices for all the farmer has to sell. getting their share. However, news- attempt to obtain all possible infor-

ed by those who expected more than fact that many farmers remarked Similar intensive and comprehenhas been accomplished; much bitter- that the Farm Board suggestions were sive studies will be made along all of the other larger river systems of Michigan.

This is the first systematic stream survey work ever done in Michigan. Use Bureau's Service Until this time such work has been (Continued from page 1) done only at intervals and in a less

chosen on the first Federal Farm mobile and Life Insurance programs. Simultaneously with the beginning If you travel in any one of twenty- of the stream survey, the United The act itself specifies co-operative seven other states served by the State States Government, co-operating with the Farm Board deals with the indi- phone the local agent nearest the stream flow and gauging. Before 1915 vidual farmers. The Michigan Eleva- scene of the accident, or wire the some such work was done by the tobacco, stemmed, from 2.75 to 2.92 Stated in round figures and assum- tor Exchange has been recognized by State Farm Mutual at Bloomington, United States Geological Survey, but

Farm In Northwest China Life

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

MICHIGAN FARM BUREAU STATE AGENT

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

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

Do You Know the Combination?

Profit in poultry is like money in a safe.

Washington, July 20-Good crops

autumn, according to a radiogram

population of Shensi by 3 million

Locked up until the right combination is used. Whether it is poultry or dairy feed, seed or fertilizer. oil or tires, the Farm Bureau offers a combination that opens the door to whatever profit there is for you.

Mermashes

Especially is this true of our Mermashes (containing Manamar the protein mineral vitamin supplement).

Mermash chick starter has been the feed sensation of the year.

Mermash Egg rations carry the same combinations that unlock the entire ability of your hens to lay eggs profitably.

The proteins are so efficient that more scratch grains can be fed with these mashes-this lowers cost and enables you to use more home grown feeds. Mermash feeds put iodine in the eggs-making a better health food for the consumer.

Mermash feeds keep hen health at its peak, saving losses that ordinarily lower you profits. Decide to try Mermashes. 16% protein Mermash for Leghorns and light breeds; 18% Mermash for Rocks, Reds and heavy breeds.

See your local distributor of Farm Bureau Supplies.

FARM BUREAU SERVICES, INC. Lansing, Michigan

Some Thoughts On **Children and Dentists**

Citizens Begin To Look Air Seasoning of Wood Askance At Servants Of Public.

By MRS. EDITH M. WAGAR.

ound that Senator Couzens created by bulletin, "The Air Seasoning of ils \$10,000,000 gift?" asked of me Wood", just off the press. J. S.

nowledge concerning the details of thor. he use of this fund, other than that it ithin a period of 25 years.

npensation comparable to the com-en laborer but that time certainly while the supply lasts, this publication, Technical Bulletin No. 174-T, can be obtained free from the Department of Agriculture, Washington, D. C. people claiming to be servants of

Going back to the matter of the odern dentist. The self-respecting arent wants to pay for the medical are of his family. But when he elled to pay for visit after visit, sion. ach probably only 15 minutes durand school periods alike, and then be called upon to dig up from \$2 to \$4 canaba, Newberry, Marquette, Sault

We certainly would appreciate for the same. I am not one who bemoans "the good old days" in all
things. I like modern living and I
Bear Lake, Hartford. vant to see new things come and new ns on the other side.

A recent survey brought out the et that less than 10% of the rural cholars of Wayne county were receivrough the agency of the Senator will be found delicious. ven proper attention, free of charge e same. This is a most worthy bit one-half cup orange juice, the whole egg. Add to the lemonade and philanthropy in behalf of our chilren and we trust the report can very water and sugar syrup to taste. on be more satisfactory. It is to be oped at the same time that it may Grate one fresh medium sized pinecond part also.

warranted practices, changes will adually come about.

Michigan are using the fullest fast drink. asure of precaution to prevent the read of that dread disease! There otect the child that it seems almost juice, one cup of cider. Sugar accordidemics spreading over large areas, too sweet and serve it cold. learn of the vast numbers of handipped children within our country. ings rather than assume them as tablespoons of lemon juice. rt of the parental duty, if not privi-

any these days and sometimes ap-Strain through a cloth and add one punches. ar pretty well far fetched, but we ould be interested enough that we uld bring about a curtailment of the necessary and a full response to which is best and wise.

have a feeling that before Presit Hoover's White House Conferce on Child Health completes its ork, that there will be some remping and adjustments made in educational system, so that each ld will not be expected to shape life through the same groove. I at least encouraging to hear more our educational directors frankly claim the fact that it is not neces ry for all young folks to go to cole to make themselves proficient in ny walks of life and also to admit at many are almost forced through lege who should never have been there at all. I believe we should ourage our boys and girls to go with the work that they like best let's help them to keep strong and rdy that they may be successful d happy.

If we do our duty in all respects, must assist in correcting many ses not only by those who knowly take advantage of our seemly helplessness, but also by those unwittingly are following some and fast rule with the thought what is good for one must be od for all. This is an age where must do some solid thinking and the same time should have the rage to follow up our conclusions th courageous action.

Bulletin for Farmers

millions of feet of lumber in his "Just how poor must a parent be yard and the farmer with a few hunefore his children are efigible to dred green fence posts will each find ental service through the Children's useful the facts in a new Government I am in no position to give a definite Laboratory, Forest Service, U. S. De-Neither have I any accurate partment of Agriculture, is the au-

The new bulletin is based on the to be used entirely for Child results of years of research conduct-Health work throughout our State ed by the Forest Service at the For. est Products Laboratory, Madison But my reply to the inquirer was, Wisconsin, and elsewhere. The bullethe ordinary farmer could certainly tin outlines the basic principles of ualify if he must be rated with the wood drying, and reports studies of or, if he but attempts to give his the air seasoning of boards and hildren dental attention under planks, dimension stock, lath, cross-ties, poles, posts, timbers, cordwood, dental treatments might make the dental treatments might make the cooperage, and veneer. The effects on seasoning of climate, time of About the time of the late war, kind of wood, thickness of stock, locality of growth, yard location and arrangement, piling method, and other factors are discussed in

While the supply lasts, this publi-

Wild Life Exhibits At 27 State Fairs

Wild life exhibits will be shown kes his child to a dentist after the by the Department of Conservation chool nurse has said such attention at twenty-seven of Michigan's fairs necessary, he rises up in wrath during the coming fall, it has been nd soon in poverty, when he is com- announced by the Educational Divi-

The places at which department on, week in and week out, vacation exhibits will be shown this fall are: Upper Peninsula: Ironwood, Es-

Ste. Marie, Manistique, Houghton. Lower Peninsula: Greenville, St. ome of our old time dentists who Johns, Ionia, Holland, Marshall, ould work at least a full hour on Grand Rapids, Ann Arbor, Bay ne job and charge a reasonable price City, Detroit, Jackson, Gaylord, Sagi- Chesaning Farmers' Elevator Co.

"More than twice as many appliethods advanced, but I feel that cations for exhibits were received ed. These are in seven different hile we are complying with new equipment of the public, should have ving that we, the public, should have mething to say about the regulapartment of Conservation.

VOYLES AND SIMS ARE COMING TO

Present Speakers In August.

Bureau Services that Mr. Otto Voyles, president of the Calumet Fertil-Mathewson of the Forest Products izer Co. of New Albany, Ind., and fertilizer authority well known to many Michigan farmers, and Mr. John Sims, former soils specialist with Michigan State College, now with the fertilizer division of the Tennessee Copper and Chemical Cor-

poration, will speak from the same platform at a series of fertilizer meetings in Michigan in early August, by the invitation of Michigan Farmers' Co-op Ass'ns. Michigan, Ohio and Indiana Farm

Bureaus and co-operative ass'ns take the entire output of the Tennessee Copper Co.'s New Albany, Ind., plant and the Lockland, Ohio, plant (the largest in the country). Mr. Voyles and Mr. Sims are in great demand or speaking engagements in the hree states. Last spring at several neetings in Michigan 1,300 farmers turned out to hear Mr. Voyles. The ming meeting will be announced cally in the press and by letter to nembers and patrons of the co-ops who have been able to get meetings or this fall. Meeting dates announced to date are:

Monday, August 4th, Lapeer High chool Auditorium, 8:30 p. m., uner the auspices of local Farm Bueau distributor, Lapeer, Michigan. Tuesday, August 5th, Emmett Parochial School Building, 8:00 p. ., under the auspices of the St.

lair County Farm Bureau. Wednesday, August 6th, Akron s of the Akron Farm Bureau Local. Thursday, August 7th, Saginaw County Court House, 8:00 p. m., suspices of the Farm Bureau Supply store, Saginaw.

Friday, August 8th, Chesaning Sales Hall, 8:00 p. m., auspices

MICHIGAN OIL PRODUCTION

Michigan today has 500 oil wells with 100 in the process of being drillover one-third as much oil as Pennsylvania which has 79,000 wells.

REFRESHING HOT WEATHER DRINKS

By Mrs. Charles Schuttler in the Missouri Farm Bureau News This is the time of year when both cup of sugar for each cup of juice. the over and over again the public in the field and at home refreshing Add an equal quantity of water and rses had called the attention of the drinks play a large part in comfort, the juice of one lemon for every pint arents to the need of it. As a result Some of the following are old stand- of the beverage. A dash of grated

Rhubarb Punch

One pint rhubarb juice, I quart Make lemonade as usual. Whip a

Pineapple Punch

elp to bring about some needed re- apple and add two cups of powdered orange or lemon peel, a drop of cinrms on the part of party of the sugar. Let stand two or three hours. namon oil, make the ordinary sum-Add sugar syrup made by boiling two mer drink different. Public sentiment is the greatest cups of sugar and two of water. Add Steep peppermint leaves (fresh or ency towards a reform and when the juice of four oranges and six dried) just as ordinary tea leaves, and people rebel strong enough on any lemons. Add two quarts of water.

Pineapple Morning Glory We heard over the radio less than week ago that Detroit has a higher ercentage of dipitheria than any ther city in our country. We could be help but wonder if the parennts of the parennts of

Cider Punch e so many agencies now to help tablespoons lemon juice, 1 cup grape adding fruit juices and water to taste.

Orange Delight Boil one-half cup sugar, three cups liquids. wonder if we are not too willing to of water and the grated rind of one A spoonful of well-beaten white of irn responsibility over to someone orange for five minutes. Cool and add egg, slightly sweetened and flavored e who is paid to look after these two cups of orange juice and three with lemon juice adds a festive touch

Apple Punch

Preferred Stock of the

school dentist has been employed bys and some are new. All of them orange peel gives added zest to this drink.

serve with a dash of nutmeg. General Suggestions

A dash of nutmeg, a bit of grated

use as the base of drinks flavored with any kind of fruit juices. To two-thirds of a cup of canned Cook one pint of water, one cup

even in a cool cellar is an excellent One-half cup orange juice, two foundation for fruit drinks made by All summer drinks in which sugar believeable when we hear of great ing to taste. Do not make this drink is used is improved if the sugar is cooked to a syrup with water and cooled before adding to the other

> to an otherwise plain glass of lemonade.

Do not peel apples. Dice and cook | Soda or mineral waters instead of agree that the requirements are them with enough water to cover. ordinary water offer a change in fruit

State Leaders Name 4-H Club Champions

Michigan boys and girls who have been awarded championships in 4-H lub work were announced by state lub leaders during the visit of 640 of the boys and girls to Michigan Michigan Co-op Ass'ns To State College for the annual club week held for southern Michigan

> Sectional champions chosen to compete at the State Fair against winners from the Gaylord and Chatham club, camps to be held in August are Anna Strong, Hillsdale, and Francy Hoyes, Wixom, health champions; and Alma Wall, Oakland county; Verna Dalke, Bay; Margaret Brown, Washtenaw, and Marjorie Rogers, Hillsdale, clothing style champions.

> State champions chosen for the work done in the seven divisions of handicraft club work are Moody A Larsen, Prescott; Harry Wortz, Coldwater; Harry A. Ferris, Cathro; Leslie C. Jones, Cathro; Albert Lott, Prescott; Hilbert Benson, Beech wood, Gordon Snyder, McMillan, and Lyle Tobin, Nahma.

The clothing club champions are June Esseltine, Pinconning; Mina Hohn, Coopersville; Sylvia Hertler Saline; Lawain Churchill, New Era;

and Frances Fry, North Adams. The handicraft and clothing club hampions are awarded a scholarship Michigan State College by the tate Board of Agriculture

Vote Road Holiday

The Lenawee County board of upervisors in session at Adrian recently adopted a recommendation of the county road commission for holiday in road improvement to extend through 1931. Reasons for the recommendation are agricultural depression and high taxes. The board rejected a proposal for a pavement to be laid this year along the west hore of Devils Lake and took steps to rescind previous action for a paveommunity Hall, 7:30 p. m., auspic- ment from Addison to Devils Lake, to be laid in 1931.

> A portable tent suspended over the bed aids in supplying oxygen to pneumonia patients.

Michigan ranks first in salt; second in iron; third in cement, sand and gypsum products; seventh in lime stone; ninth in value of mineral products and thirteenth in petroleum.



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

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

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

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

Michigan Livestock Exchange Detroit, Mich.

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

FREIGHT BILLS on Farm Shipments

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

THE TRAFFIC DEPARTMENT

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

Farm Bureau Traffic Department Lansing, Mich.

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 by-products slowly as they come to them. This is the natural way of separating the various products of the crude and the surest method of getting the very best product.

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

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

Farm Bureau oils are selected from the very best of Mid-Continent crudes refined by the straight distillation process. We know they will give you the service you expect from Farm Bureau products. 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

STOCK SUBSCRIPTION AGREEMENT

Farm Bureau Services, Inc.

The Undersigned, hereby subscribe for .. Shares of the \$100.00 Par Value, Fully Paid and Non-Assessable

FARM BUREAU SERVICES, Inc.,

at \$100.00 each, and agree to pay for same as follows: 7 Check

Money Order , in full payment accompanies this subscription. Cash Signed Dated.

Address. There is no stock of this issue in escrow, nor issued for promotion, patents, or other purposes than sale. The authorized capital stock is \$300,000.00 common stock, \$300,000.00 preferred stock, and 50,000 shares of no-par value stock, \$150,000.00 of the preferred stock has been accepted for filing and represents this issue. At this date there is \$250,000.00 of common stock outstanding, of which \$112,207.68 was paid for in tangible assets and the balance in trademarks, brands, labels, good-will, etc. Of the 50,000 shares of no-par value stock, none has been subscribed for and it is not for sale at this time. Voting power is in the common stock. Not to exceed 15% commission may be allowed on the sale of this stock.

SUMMER SEEDING OF ALFALFA

Now is the time to be getting your seed bed in the best possible condition. Alfalfa likes a clean, firm seed bed. It is easier to kill the weeds now than it is after the seeding is made. Fertilizer can be applied now to the best advantage.

The Choice of Seed

Farm Bureau Brand alfalfa seeds are the first and only choice of thousands of alfalfa growers. They know Farm Bureau seeds are of guaranteed adapted origin and therefore winter hardy. They know Farm Bureau seeds are true to variety, are of high purity and high germination.

See your co-operative association or local distributor of Farm Bureau seeds for your supply of Farm Bureau Brand Alfalfa.

> FARM BUREAU SERVICES, Inc. Lansing, Michigan

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

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

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

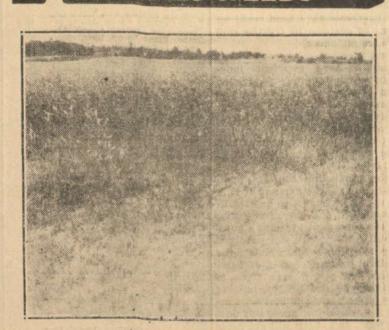
The above Farm Bureau fertilizers may be applied at the time of seeding the alfalfa.

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.

FERTILIZER INCREASES NET INCOME

FARM BUREAU SERVICES, INC. Lansing, Michigan



The bare section of this sweet clover field was covered thickly with Canada Thistle early this season. Atlacide eradicated the thistle. The field is to be cut for seed. The grower will be well repaid on his Atlacide investment by getting top price for his seed, rather than being docked on account of thistle seed to be cleaned out.

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

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

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

> FARM BUREAU SERVICES, INC. Lansing, Michigan

tained free from a Member of Con-

FEED WHEAT TO HELP THE PROFITS,

Present Markets Permit Its Use To Replace Corn.

One way of obtaining a profit from this year's crop of 15,000,000 bushels of wheat in Michigan is to use it as a feed for livestock in place of corn and other relatively high priced feed stuffs, according to the heads of the crops and livestock departments of Michigan State College.

Dairy cattle, hogs, and poultry furnish a paying market for wheat as long as the present market conditions exist. As a feed for cows, wheat can be used as 25 per cent of the concentrate ration. It can be used as the sole feed from seven Central Northwest for State purposes only. If State infor hogs weighing 75 pounds or over. Michigan County Farm Bureaus, Gra- come taxes are to give real relief and it may be used for from 65 to 70 tiot, Ionia, Isabella, Northern Kent, they must apply to local government per cent of poultry scratch feed and Mecosta, Muskegon and Southern costs as well. 25 per cent of the laying mash.

opinion of the professor of dairy husbandry at Michigan State College. He suggests a ration made up of three parts wheat, two parts corn, three parts oats, and one-half part of cottonseed meal

Hogs which sell for \$8.50 a hundredweight will pay \$1.05 a bushel for the wheat fed to them. This estimate was made by the head of the animal husbandry division who advises the feeding of wheat as long as its present low price persists.

Michigan farmers each year purchase 5,000 cars of corn, 1,000 cars of barley, 1,000 cars of oats, and as many or more cars of mixed feeds. Much of this feed bill can be avoided if wheat is substituted in the ways recommend-

FARMER'S DAY AT COLLEGE AUG.

Farm Board Speaker, Contests For Valuable Prizes Planned.

Charles S. Wilson, of the Federal Farm Board, will tell visitors on the Michigan State College campus Farmers' Day, Friday, August 1 some of the aims of the Board and what they plan to accomplish in as. sisting farmers in bettering marketing conditions.

E. A. Beamer, Blissfield, president of the National Livestock Shipping Association will give a speech of dedication for the six new units of livestock buildings which are completed or under construction.

The addition of these buildings to he College equipment will furnis College research men with better and more modern equipment in their search for methods of assisting the livestock producers of the State.

Three barns are built for experimental work with beef cattle, sheep, and horses. Another will house the College beef cattle herd, and the fifth will house the breeding horse herd. The College poultry plant completes the list of new buildings. This plant provides many of the facilities which the poultry depart-

ment has lacked in its previous work. Arrangements have been made for a group of contests to try the skill of farmers attending.

Farmers or members of their families who have excellent judgment in estimating the production records of cows or poultry or who can compute the weights of beef cattle, horses, hogs, or sheep will have an opportunity to win prizes of pure breed livestock in the contests which will be conducted from 8:00 a. m. until 11:00.

In the production contests, visitors will estimate the amount of milk which a group of cows, to be exhibited, produce in one year. The winner of the contest will receive a purebred bull calf. A prize of purebred poultry is offered for winning the production judging contest of hens.

A purebred colt will be given to the winner of the weight judging contest on horses. The best estimators of the weights of groups of beef cattle, hogs, and sheep will get purebred animals as awards.

Visitors who doubt their ability to judge livestock will be given a chance to show their skill in identifying grain for a prize of enough Spartan seed barley to sow 10 acres.

Only farmers or members of their families are eligible to enter the con-

Chatterton Selling His

Pompeii by the Pompeii Farmers the fires. Elevator Co. It will be managed by Roy G. Pomeroy.

MICHIGAN STATE FAIRS Fairs may well be considered among Great Lakes within the state bound-

insula at Escanaba.

Bureau Dedicated To Better Farm Life gress, or from the Office of Information, Department of Agriculture,

Hold Us Back Says Winder

"Twelve years ago American farm-

tear down organized industry and labor if that were possible or else organize agriculture on a similar basis equality with other occupations," Secretary M. S. Winder of the American Farm Bureau Federation told Farm Bureau members from 9 Newaygo, at a dinner meeting at Farmers can save 27 cents a hun- Lakeview, Montcalm county, that Bureau and the Michigan State Farm dredweight in producing milk or 7 evening. Both meetings were large Bureau are, their real strength is cents a pound on butterfat by substi- gatherings. "Intelligent farmers who the thousands of farmers who are tuting wheat for an equal amount of are interested in their business and sincerely banded together for the inneed more money. If they didn't the with your helping hand. No man Farm Bureau would have less inter- or woman can do better than accept est in the cash side of farming.

corn in the dairy cow's ration, is the want to progress are organizing telligent solution of the questions themselves. Some say that the Farm that confront their industry, their Bureau talks nothing but business communities and homes. The Farm and economic problems and concerns Bureau does not expect the spectacuitself too much with the money end lar of the membership who don't alof farming. Maybe so, but farmers low doubt of your ability to interfere

> Elevator Exchange Remakes Marketing

growers for participation in the National Bean Marketing Ass'n. Officers Re-elected

The Board of Delegates or stockholders of the Exchange re-elected the following directors: For 3 years-Carl J. Martin, Cold-

water; Milt Burkholder, Marlette; H. D. Horton, Hastings, For 2 years-Waldo Phillips, Decature; M. R. Shisler, Caledonia; George McCalla, Ypsilanti.

le Creek; Frank Gilmore, Parma; W. J. Hazelwood, Mt. Pleasant. The directors re-elected their offi-

Burkholder, vice president; H. D. Horton, sec'y-treasurer.

Elevator Exchange: Member Elevators

Albion Elevator Co Albion Elevator Co.
Atwater Co-op Elevator
Battle Creeky-Farm Bureau Ass'n
Belleville Co-op Association
Blissfield Co-op Co.
Breckenridge Farmers Elev. Co., Wheeler
Bronson Co-op Association
Bronson Co-op Association
Bronson Co-op Association
Bronson Co-op Co.
Caledonia Farmers Elevator Co.
Caro Farmers Co-op Elevator Co.
Caro Farmers Co-op Elevator Co.
Central Farmers Ass'n, Cassopolis
Chesaning Farmers Elev.
Coldwater Co-op Co.
Coleman Farm Bureau
Constantine Co-op Buying & Selling Asso.

Each soil. It tells the color, the texture, and the depth of each type of soil, how far down to the subsoil under each kind of soil, and whether the subsoil is favorable to the downward drainage and upward movement of soil moisture or whether it is hardpan or an impenetrable subsoil which retards root growth and the movement of soil moisture.

Farmers who know their soils well will enjoy comparing their indigent of the different sides. uying & Selling Asso. Co-operative Elev. & Mig. Ass'n, Pigeot Croswell Co-op Co. Decker Farm Bureau Local Decker Farm Bureau Local Decker Farm Bureau Elev. Co. Dowagiae Farmers Co-op Ass'n Eau Claire Farmers Exchange Elkton Co-op Farm Produce Co. Falmouth Co-op Mktg. Ass'n Farmers Elev. Co., Charlotte Farmers Co-op Elev. Co., Fowler Farmers Co-op Elev. Co., Manestown Farmers Co-op Grain Co., Kinde Farmers Co-op Grain Co., Kinde Farmers Elev. Co., Minden City. Farmers Milling Co., Mt. Clemens Farmers Milling Co., Mt. Clemens Farmers Produce Co., Owosso Farmers Produce Co., Cass City Four Counties Co-op Ass'n, Prattville Farmers Produce Co., Cass City Four Counties Co-op Ass'n, Marcellus Fowlerville Farmers Co-op Elev. Co. Grand Elanc Co-op Elev. Co. Grand Elanc Co-op Elev. Co. Grand Ledge Produce Co. Grass Lake Farmers Elevator Association Holland Co-op Association Holland Co-op Association Holland Co-op Association Homer Farmers Elev. Co. tomer Farmers Elev. Co.
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awrence Co-op Co.
livingston Co-op Ass'n, Howell
larine City Elev. Co.
farlette Farmers Co-op Elev. Co.
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liddleton Farmers Elev. Co.
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fildland Co-op Association
dt. Pleasant Co-op Elev. Ass'n
kew Haven Farmers Elev.
bxford Co-op Elev. Co.
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ort Hope Farmers Elev.
eading Co-op Commerce Co.
ockford Co-op Elev.
Joe Valley Shipping Ass'n, Niles
Johns Co-op Co. St. Johns Co-op Co.
Snover Co-op Elevator Co.
Snover Co-op Elevator Co.
Stanton Elevator Co.
Three Caks Shipping Association
Union City Co-op Association
Washington Co-op Co.
Watertown Co-op Association
White Pigeon Co-op Association
Ypsilanti Farm Bureau Association

Michigan Has Had 1506 Forest Fires This Year

More than 1,506 forest fires of various sizes have occurred in Michigan up to July 14 of this year ac-Elevators in Michigan cording to a report made by the FOR SALE-HOLSTEIN BULL SIRE, State Conservation Dep't. The Up-Announcement was made recently per Peninsula reports 510 and the in the Gratiot county press that lower peninsula 996. Muskegon Chatterton & Son plan to dispose of county leads the lower peninsula all their Michigan elevators. Their counties with a total of 64 fires, The WANTED-FARM WORK BY DAY BY elevator at Ithaca has been purchas- week ending July 12 some 90 fires ed by F. B. Walcott and Minor Walt- were reported in the lower peninsula on and will be operated at the Ithaca and 10 above the straits. Careless Farmers Elevator Co., and that at smokers are responsible for many of

The landed area of Michigan is 57,980 square miles, exclusive of 40,000 square miles water surface of Great Lakes within the statement of Hayford street, Lansing, Michigan.

from peanut shells.

Washington, D. C. COLLEGE ADVISES It Would Solve Problems That the solution of important business and living problems now before Farm Wages Lower and living problems now before farmers. Chief among them is the All classes of farm labor wages tax problem. Our tax system is antiquated, usually 60 or more years out are the lowest since 1923. Supply 6 in Germany, and 4 in Italy. The

> farmer if agriculture is to attain a basis of but 16 per cent of the income and pay 94 per cent of the taxes. Professional men and personal services

> such as wages pay no tax. "We believe that taxes should be Northwestern Michigan counties, paid according to ability to pay and Grand Traverse, Manistee, Mason, that any new sources of revenue Mecosta, Lake Osceola, Oceana and should be made to relieve local tax-Northern Newaygo, picnicking at es, such as school and road taxes, as Amber Grove, Scottville, Thursday 95 per cent of our taxes are local. afternoon, July 24; and members We favor state income taxes, but not

"Great as the American Farm the opportunity at hand to serve, in "The Farm Bureau is dedicated to whatever capacity that might be."

KENT CO. FARM SOILS DESCRIBED

New U. S. Map For County Tells Everything About Its Soils.

All the soils on all the farms in Kent county, Michigan, are mapped and described in the Soil Survey Report of the county just issued by the For 1 year-H. H. Sanford, Bat-Bureau of Chemistry and Soils of the U. S. Department of Agriculture.

Farmers of the county and other persons interested may now learn the ers-Carl Martin, president; Milt names and the locations of the different soils on any farm in the county by reading this report and study-Following are the stockholding ing the map in it. The report names member elevators of the Michigan 28 distinct soils and peat as present in Kent county. It locates them on the map by assigning a color for each soil. It tells the color, the

and the movement of soil moisture.

Farmers who know their soils well will enjoy comparing their Altegan Farmers Co-op Allegan Farmers Co-op Allegan Farmers Co-op Allegan Farmers Co-op Creamery perative Elev. & Mig. Ass'n, Pigeon their farms with what the soil ex
And Co-op Cremery

And Co-op Cremery

And Co-op Cremery

And Arbor—Chas. McCalla

Ann Arbor—Chas. McCalla

Atlanta—M. C. Doty Store perts of the State and the U. S. Department of Agriculture have to say. Where the average farmer or land-owner knows his soil to its plow depth, the soil surveyors know it

Band Axe Farmers Elev.

Baneroft—E. A. Walter

Bangor Fruit Growers Exeh.

Barryton Co-op. Ass'n describe it so minutely as to tell Batavia Co-op. Co. Bath-H. B. Pierce

soils.

The report tells which of the soils in the county are the most productive and how to increase crop yields on some of the less productive soils. These are matters upon which the These are matters upon which the Brankerd Warehouse Ass'n Boyne City Co-op Mktg. Britton—Paul Clement Bronson Co-op Co.

Brooklyn Co-op Ass'n Brunswick—Tri County Mktg. Ass'n Brunswick—Tri County Mktg. Ass'n Buckley—Farmers Co-op Merc. Co.

Buchnan—St. Joe Valley Shipping report will help the best of farmers to make sure they are using all their soil to the best advantage.

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

Isabella loam is the most extensive and one of the best farming soils of the county, the report says Crop rotations, and other practical Capac—Chas. F. Stiehr Crop rotations, and other practical problems of farming are discussed in

Classified Ads

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

WANTED-BUYERS FOR FARMS-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 Ypsl-Ann Bldg., Ann Arbor, Michigan.

WANTED-FARM WORK ON GENeral farm by married man, one of Can be reached by Lansing telep 54035 evenings. Write H. A. Wick R-1, Box 680, Lansing, Michigan. Wickham, Davison-Bert Stimson

a 35 lb. son of "Creator". One born September 14, 1929. Dam a 21 lb. two year old daughter of a 1,226 lb. bull. Price only \$150. David Falconer, Scottsville Michigan.—34b-6-28

oung man, single, age 30. Brought up n a farm and has had experience on rult and dairy farms, also experience rith horses. Write Henry Tubbergen, 15 W. Genessee St., Lansing, or tele-hone 7772.

WANTED-FARM WORK BY THE year by married man, 26, one child.

Fairs may well be considered among our educational institutions. Michigan has two State Fairs, one in Detroit and the other in the Upper Pendous at Escapaba.

Great Lakes within the state bound-wanted among of the state bound-wanted and wanted wanted and wanted wante Hayford street, Lansing, Michigan.

What American and A copy of the report may be ob-European Farmers Do Look

The American Farmer in 1925, according to Dean F. B. Mumford, Missouri College of Agriculture, cultivated 33 acres per man, as compared to 16 1/2 by the farmer in Scot are lower today than a year ago, and land, 9 1/2 in England, 8 in France of date, built to fit conditions when of farm labor has been the largest production of grain per man in the most income was from real property. for years, with the demand for labor grain growing section of the United ers realized that they must either Today that system penalizes the below normal. Low prices have re- States increased from 12,000 pounds sulted in farmers doing as much of in 1870 to 25,000 pounds in 1925 "Illinois is a good example. City their own work as possible, says the The average wool fleece in 1800 was and farm real estate together earn U.S. Dep't of Agriculture in its farm | 2 1/2 pounds, now it is nearly seven



labor summary July 1.

From Factory To You

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

Monarch Tires and Tubes

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

> FARM BUREAU SERVICES, INC., Lansing, Michigan

State Mutual Rodded Fire Insurance Co., of Mich.

Anead

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

Economy and Modesty

This year it's wise to practice economy in feedingseeding and fertilizing.

Economy is like modesty—there are two kinds—true

Farm Bureau dairy and poultry feeds, seeds, fertilizers and oils are true economical buys. They were selected or built to carry the most value and greatest results for the dollar. They insure returns that mean profit.

No Farm Bureau commodity is built or selected to fit a price. Results and value are the standards set. You can never go wrong if you practice economy through Farm Bureau products. See your local distributor of Farm Bureau Supplies.

> FARM BUREAU SERVICES, INC. Lansing, Michigan

Coming Profits Depend On Your Judgement Now!

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

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

Forage—No one has ever gone busted depending on alfalfa, the best and about the cheapest source of protein. A good stand will give you high yields of the best hay for years and improve the land. Farm Bureau winter hardy alfalfa seeds produce those enduring stands. Plant a field to alfalfa between now and August 15. It's money in the bank next summer. Ask these dealers for Farm Bureau:

SEEDS—DAIRY and POULTRY FEEDS—FERTILIZERS—OIL

describe it so minutely as to tell to a depth of 4 to 6 feet, and they describe it so minutely as to tell why some of the soils are droughty and unproductive in dry seasons while others hold water for the crops even in the driest years. The report advises as to the treatment, fertilizing and cropping of the different soils.

Bath—H. B. Pierce Battle Creek F. B. Ass'n Bay City—Farmers Union, John Nieg-ler, R No. 5

Beaverton—Sam Asch Feed Store Bellaire—Farmers Mktg. Ass'n Benton Center Fruit Exch.

Belding Mktg. Ass'n Belding Mktg. Ass'n Bellaine—Edw. O'Connor Blaine—Edw. O'Connor Blaine—Ed

Caro Farmers Co-op Elev.
Carsonville F. B. Local
Cass City—Farmers Produce Co.
Cass City—Greenleaf F. B. Local
Cassopolis—Central Farmers Ass'n
Cedar Produce Exch. Cedar Produce Exch.
Cedar Springs—Harry Shaw
Centerville Co-op Ass'n
Central Lake Mktg. Ass'n
Charlotte—Farmers Elev. Co.
Charlotte—L. C. Kline, R. No. 10 Charlevoix Co-op Ass'n Cheboygan—S. A. Gain Chebsea—F. W. Merkel Chesaning Farmers Elv. Co. Clare—Farmers Ind. Prod. Co. Clarksville Co-op Elev. Climax-Frank Gerry
Clio-Will C. Price
Coldwater Co-op. Co.
Coleman F. B. Elev. Ass'n
Coloma-Berrien Co. Fruit Exch.
Colon Elev. Co.
Columbiaville-Beattie Bros.
Concord Co-op. Co. Concord Co-op Co.
Concord—Henry Hutchins
Constantine Co-op. Ass'n
Copemish—Onekama Farm Bureau
Coopersville Co-op. child. Croswell Co-op Co.

> Decatur Elev. Co.
> Decker Farm Bureau
> Deckerville Farm Bureau
> Decfield Co-op. Ass'n.
> Deford—Eldon Bruce Delton F. B. Elev. Doster Farm Bureau Exch. Doster—John C. Killick Dorr—Salem Co-op Ass'n Dowagiac Farmers Co-op. East Jordan Co-op. Ass'n Eaton Rapids Co-op. Ass'

Edmore Mktg. Ass'n. Elkton Co-op Farm Prod. Co. Elk Rapids Co-op Mktg. Ass'n Ellsworth Co-op. Ass'n. Elmira Warchouse Co. Elsie—H. F. Lewis Essexville—Bay Co. Farmers Union

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

Gaylord-Otsego Co. Co-op. Ass'n. Gladwin—Farmers Ship, Ass'n.
Goodrich—Geo. Enders
Gowen Mktg. Ass'n.
Grand Blanc Co-op. Elev. Co.
Grand Haven Farm Burean Grand Haven Farm Bureau
Grand Junction—Isadore Bean
Gd. Ledge Produce Supply
Gd. Rapids Growers, Inc.
Grass Lake Farmers Elev.
Grant Creamery Co.
Grayling—Crawford Co-op. Mktg.
Greenville Co-op. Ass'n.

Hamilton Farm Bureau
Harbor Beach—Geo, Wruble, R No. 2
Harrison Elev. Co.
Hart—Farm Bureau Supply Store
Hartford Gleaners Elev. Co.
Haslett Elev. Ass'n.
Hastings Co-op. Elev. Ass'n.
Harvard Mktg. Ass'n
Hersey—Morlock & Thompson
Highland Producers Ass'n.
Hillman Elev. Co.
Holland Co-op. Co.
Holly Grain & Prod. Ass'n.
Homer Farmers Elev. Co. Honer Farmers Elev. Co.
Hopkins Co-op. Creamery
Howell—Livingston Co-op. Ass'n.
Hemlock Co-op Creamery
Hudson—Farmers Co-op. Ass'n.
Hudsonville—Farmers Co-op Elev.

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

Jackson-Geo. Loomis, R. No. 6 Jones Co-op. Ass'n. Kalamazoo—Farmers Prod. Co. Kalamazoo—E. W. Southworth, R No. 6 Kent City Farm Bureau Kawkawlin—C. P. Schmidt Kingsley Co-op Ass'n

Lake Ann Co-op. Ass'n. Lake City—Enoch Adams, R No. 2 Lake Leelanau—Provement Co-op Mktg Ass'n
Lake Odessa Co-op.
Lakeview Mktg. Ass'n.
Lansing—Farm Bureau Supply Store
Lawrence Co-op. Co.
Lowell—R. B. Davis, R No. 5
Leroy Mktg. Ass'n.

Lewiston Mktg. Ass'n. Linden—Claus Tiedeman Linwood—M. A. Parsons Litchfield Shipping Ass'n. Ludington Fruit Exch. Luther-F. A. Smith Produce Co.

Manchester—Wm. T. Blaess & Son McBain—Farmers Warchouse Co. McBride Mktg. Ass'n MeGregor Farm Bureau Mancelona Mktg. Ass'n. Maple Rapids—Barker & Skutt Marcellus—Four Co. Co-op. Marine City Farm Co-op. Marlette Farmers Co-op Elev. Marne—Berlin Co-op Co. Mariette Farmers Co-op Elev.

Marne-Berlin Co-op Co.

Martin Farmers Co-op Exch.

Masom-Bement Feed & Sup. Service

Maybee Farm Bureau

Memphis Co-op. Co.

Mentha-A. M. Todd & Co.

Merrill—Chas. Bow

Metamora—Hadley Metamora Agr'l

Ass'o

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

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

Okemos Elev. Co.
Onekama Farm Bureau
Ortonville Ship. Ass'n.
Ovid—Don Smith, R No. 2
Owendale—John Gettles
Owosso—J. H. Beardslee & Son
Owosso—Farmers Co-op Elev.

Parma Co-op Elev.
Parma—Fred Sackrider
Paw Paw Co-op, Ass'n.
Pellston—J. D. Robinson
Perry—C. H. Arnold Perry—C. H. Arnold
Petersburg—Farmers Mktg. & Snp. Co.
Petersburg—Farmers Mktg. & Snp. Co.
Petersburg—Farmers Mktg. & Snp. Co.
Pigeon—Co-op Elev. & Milling Ass'n
Pinckney—J. B. Livermore & Sons
Pittsford Co-op. Ass'n.
Plainwell Co-op. Co.
Plymouth—Levi Clemens, R No. 5
Pompeil Farmers Elv. Co.
Port Hope—Farmers Co-op. Ass'n.
Port Huron—Farm Bureau Feed Store
Port Huron—P. M. Stein
Portland Farm Bureau Elev.
Provemont Co-op Ass'n—Lake LeclaVan. Pullman Farmers Co-op.

Prattville Co-op. Ass'n.

Ravenna Inc. Butter Co. Reading Co-op Commerce Co. Remus Co-op. Creamery Remus Co-op. Creamery
Reese Farmers Elevator.
Richiand—Cash Rissell
Richland—C. B. Kappen
Richmond—Fred Weeks
Rives Jct.—Rives Co-op. Ass'n.
Rockford Co-op. Co.
Rodney Co-op. Ass'n.
Rogers City Co-op Mkig. Ass'n.
Romulus—A. F. Klages
Roscommon—Carl Carlson

Saginaw—F. B. Sup. Store
Saline Mercantile Co.
Sandusky—Watertown Co-op Co.
Sandusky—Pearl Wedge
Saranac—Fred E. Cahoon
Saugatuck Fruit Exch.
Sawyer—St. Joe, Mich. Fruit Ass'n
Sebewaing—J. C. Liken & Co.
Schooleraft—Harvey & Stuart
Scotts—Walter Horsfall
Scottville—Mason Co. Co-op Ass'n
Shelby New Era Mktg. Ass'n.
Shelbyville—Martin Farmers Co-op.
Ass'n. Ass'n. Shepherd Co-op. Shipg, Ass'n, Sheridan Produce Co. Sherwood—Selby & Son

Sidney Mktg. Ass'n.
Silverwood—M. D. Lynch
Six Lakes Mktg. Ass'n.
Snover Co-op Elev, Co.
Sodus Fruit Ass'n. Sodus Fruit Ass'n
So. Haven Fruit Exch.
So. Lyons—J. B. Calhoun
Sparta Co-op. Mktg.
Springport—Croel Elev. Co.
Stanwood Co-op Ass'n
St. Charles—A. Loeffelbein
St. Charles—A. Loeffelbein
St. Clair—John Mau Co.
Stevensville—St. Joseph Fruit Ass'n
St. Louis Co-op Creamery Co.
St. Louis Co-op Creamery Co.
St. Louis Co-op Ass'n
St. Louis Co-op Creamery Co.
St. Louis Co-op Creamery Co. Sturgis Grain Co. Suttons Bay—Leelanau Potato Grow-ers Ass'n. Swartz Creek—Wilbur H. Short

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

Union City Co-op Unionville—Farmers Elev. Co.

Vassar—G. K. Thurston Vernon—W. H. Sherman Vestaburg Mktg. Ass'n Washington Co-op Co.

Washington Co-op Co.
Warren Co-op Co.
Wayland—Fred D. Hilbert
West Branch Co-op Elev.
Whiteemore—losco Elev. Ass'n
White Cloud Co-op
White Pigeon Co-op Ass'n
Williamston—J. W. Wagner, R-2
Willis—Gorton & Wright
Woodland—Farm Bureau Supply Store

Zeeland Farmers Co-op.

Farm Bureau Services, Inc.

221 N. Cedar Street

LANSING, MICHIGAN