MICHIGAN FARM BUREAU NEWS F. B. Members In 62 Counties Read The NEWS. "Make Farming A Business-As Well

PUBLISHED BY THE MICHIGAN STATE FARM BUREAU FOR ITS MEMBERSHIP

By Farmers' Grain Marketing Company

Above is the Northwestern Grain*

representing

A Regular Giant

process. The recording scales punch

the weight figures through a special

VOL. II, No. 15

AUGUST 15, 1924

One of the Great Elevators Taken Over

Issued Semi-Monthly

CO-OPERATIVE GRAIN MARKETING CO. TAKES OVER THE ELEVATOR SYSTEMS OF FIVE NATION-WIDE CORPORATIONS

Big Firm Started by the American Farm Bureau Now Handling New Crop; Old Management Is Retained to Direct the Business **During Transition Period**

Chicago, August 12.—Some weeks PLANS ALL MADE eration astonished the country by announcing a proposed co-operative Grain Marketing Company of farm ers and their organizations for the purpose of taking over and operating in a co-operative way the properties of five of the largest terminal ele vator and grain marketing firms in Everything In Readiness For the country.

Events have moved quickly and since August 1 the Grain Marketing Company has been operating the great' terminal elevator properties and other facilities of the Armour Grain Company, Rosenbaum Grain Corporation and Rosenbaum Brothers, the J. C. Shaffer and Company and the Davis-Noland-Merrill Grain Company, retaining the necessary operating management of each of these companies to insure the success of the one big co-operative grain to be fixed by competent, disinter-ested appraisers. Stock in the Grain 000 dairymen are expected to gathe grain farmers and their organizations.

Provides Co-op Service

The purpose of the Grain Marketis to provide grain ing Company growers with complete co-operative President of the National Milk Processfully operating elevators and Hoards Dairyman. other facilities in all the great termarkets-and them

It develops that this plan of coplan and the success of farmer legislation affecting grain marketing have had considerable to do with the situation

Location of Properties

FOR DAIRY PICNIC AT M. A. C. AUG. 22

Record Breaking Crowd Of Dairymen

MILLER & GLOVER SPEAK

Each Minute of the Day Will Be Packed With Fun And Instruction

Friday, August 22nd will be a marketing organization. The Grain red letter day for Michigan dairy-Marketing Company is purchasing men and especially for members of the above properties at a valuation the Michigan Milk Producers Asso 000 dairymen are expected to gathe Marketing Company will be held by on the M. A. C. campus for a big pic nic and out-door meeting. Headline attractions on the speaking pro-

gram include two of the foremost John D. Miller of Susquehanna, Pa.,

operative purchase and operation of tober. The working out of the plans the above properties has been under for the picnic and the splendid proconsideration for the past ten gram which was prepared has been Co-operative Marketing Ass'n are comonths, that the irresistible growth accomplished by the co-operation of operating with the Ohio folks at ciation. Better Come Early



WOOL POOL SELLS 2,000,000 POUNDS

Michigan-Ohio Growers Are Moving Clip to Market Rapidly

them co-operatively as one farmers concern. The transaction involves Columbus, Ohio, Aug. 13 .- Sales scores of elevator ownerships of approximately 2,000,000 pounds leaseholds throughout the nation. 1924 wool belonging to Michigan August 8 and 9 the editor of the of authorities on dairy problems, Judge and Ohio Wool Growers Co-opera-Michigan Farm Bureau News and tive Marketing Ass'n members have Mr. Neil Bass, been announced by officials of the Michigan Elevator grain marketing facilities, starting ducers' Federation, and A. J. Glo- Ohio Ass'n in charge of the 1924 gether with the editors of Farm Bu with completely equipped and suc- ver, of Ft. Atkinson, Wis., editor of wool pool warehouses here. Receipts reau newspapers and Bureau grain of wool up to the present indicate marketing men of Illinois, Ohio, Ne. This picnic is being held on the that the Ohio-Michigan pool will braska, North and connecting M. A. C. campus as a result of an have about 4,000,000 pounds. This Missouri, Iowa, Minnesota and New

therewith existing local and state- invitation of the Dairy Department year. Prices received for the above York were in Chicago at the invitawide co-operative grain marketing of the College which was extended wool have been very satisfactory, ac- tion of the Grain Marketing Cominstitutions and developing more of to the dairymen at the annual meet- cording to officials of the Ass'n. De- pany, inspected this plant, heard the ing of the delegates to the Michigan livered east, Delaine wools have organization plan of the farmers Milk Producers Association last Oc- brought as high as 50 to 54 cents. national co-operative Grain Market-This year members of the newly ing Company and how it is operat-

organized Michigan Wool Growers ing

The elevator above is the largest of the co-op marketing movement to- the College Dairy Department and their invitation. Michigan members in the world and the most efficient ward a national grain marketing the Michigan Milk Producers' Asso- are guaranteed a handling and sales It is mammoth in proportions and charge of 2 and three-fourths cents all its operations, and handles grain per pound. Every man in the pool at a cost of five-eights cents per

During the forenoon Mr. O. E. stands his own wool freight, which bushel. Concrete and steel through-Reed, Professor of Dairy Husbandry amounts to about one cent a pound. out, so many of its processes are auof M. A. C., will have charge of a The Michigan wool pool closing date tomatically controlled that one is

Elevator at South Chicago, ten mil-lion bushels capacity at one time. SAFESEED, INC., TO formerly owned by the Armour **SERVE MICHIGAN** Grain Corporation, now a co-operaive elevator under direction of the Farmers' Grain Marketing Company This company, organized by the

American Farm Bureau, has taken Now Lining Up Supplies over the holdings of five great ele vator corporations and will operate of Alfalfa

> Michigan's connection with SAFE and SEED, INC., the national co-opera ive seed buying concern organized ecently at Chicago, will probably b come apparent with the new crop of th northwestern grown Grimm and Exchange. Utah alfalfas. In behalf of the Michiother state Farm Bureaus, SAFE SEED, INC., is in the west lining up South Dakota stocks of alfalfa seed. It probably will be shipped to the various state Farm Bureaus in SAFESEED, INC. take on the Michigan State Bureau seed analysis tag, and guarantee and be distributed as before, only SAFESEED sacks.

With the growth of Farm Bureau eed services in the various states the need for a central seed buying and financing agency for handling vestern seed became apparent SAFESEED, INC., was organized to the Farm Bureaus. J. W. Nicolson, for four years the head of the Michi-

tion as Noted Plant

Breeder

CHAIRMAN OF EXECUTIVE COMMITTEE OF MICH. STATE GRANGE SHOWS FARM BUREAU DELEGATES NEED OF LOYALTY

Declares Value of Organization Clearly Shown: Now Farmer's Duty To Support-Not Leave It All To Leaders, If The Greatest Success Is To Be Secured

Probably there is no man in Michigan whose advice and counsel commands greater respect than does that of N. P. Hull of Lansing, chairman of the Executive Committee of the Michigan State Grange, President of the Michigan Milk Producers' Ass'n and officer in several national dairy organizations.

Partly because of the prominence of the man and partly because of the solid worth of the address, we are giving NEWS readers herewith rather complete extracts from Mr. Hull's very timely speech to the last meeting of the Michigan State Farm Bureau Board of Delegates. It was all so good that we wished to print it in full, but it was a little too long for that. But anyway read this. It might well be read aloud at your local Grange, Farmers' Club, or Community meeting. It is a gem of sound counsel and stern advice which we should all National Co-op Seed House heed and take very much to heart.

Long Interest in Farm Organizations

'Mr. President, Ladies and Gentlemen, and Fellow Farmers: "I am rather glad to be here and am going to assure you that I won't misuse your courtesy by talking too long, and another thing that I want to assure you of, I have no desire this afternoon in the short time I will be before you to make a speech. There is a temptation to a man when he can to get gan, Ohio, Indiana, New England and in a lot of flowery language and to bring out some of the adjectives that have flowed over his tongue several times so they come easier, for rhetorical effect, but next to my own personal interests and the interests of my family, for the last sacks. In Michigan such seed would thirty years the interests of farm organizations have been uppermost in my mind.

"I can remember the day when people said to me, 'It is a forlorn hope, Hull, you cannot get farmers to get together and stick. It can't be done.' I felt that it could be done. I have had confidence in the farmers all these days and I have confidence in them yet. Today we have demonstrated that handle this work co-operatively for we can get together and have demonstrated that we are sticking together a great deal better than we ever stuck before.

Va., Winona, Minn.

According to the contract entered contest and an attendance contest into between the Grain Marketing open to the various locals in the kind.

Its Capitalization

Association. The Grain Marketing Company is

Hull vs. Moon to be capitalized at \$26,000,000, to each and 1,000,000 shares of "A" ing contest for the state of Michigan South Columbus, Ohio.

stock at \$25 each, to be sold large championship which will be held be grain producers and co-operative tween Mr. N. P. Hull, president of grain producers and co-operative tween Mr. N. P. Hull, president of LOWDEN SPEAKS AT the Michigan Milk Producers' Ass'n, ducers may hold this stock. For and Mr. M. L. Noon, director of early financing purposes the Com- that organization and president of pany is issuing 500,000 shares of the Michigan State Farm Bureau. non-voting "B" stock at \$50 a share Too much cannot be said as to which is to be retired as soon as the ability of the two exceptionally Cadillac Exchange Holds Sixth sales of the "A" stock will permit. strong speakers who will talk to the Both the \$25 and \$50 stock will pay dairymen in the afternoon. Judge 8 per cent dividend, less two per John D. Miller is not only president cent, which will be set aside as a of the National Milk Producers' Fedreserve fund. Any earnings over eration, but is also first vice-presithat amount are to be pro-rated dent and general counsel of the back on a patronage basis. Dairymen's League Co-operative

In order that the Grain Marketing Ass'n, Inc. of New York City. Mr. Company might get under way with Miller is considered one of the best the new crop, it entered into an informed men on the matter of proagreement with the grain firms to ducers' organizations for marketing lease their property for one year at dairy products that can be found in 8 per cent of its value. In the mean- the United States. He has been time the properties will be apprais- closely connected with co-operative ed. The grain companies have ad- dairy marketing organizations for vanced the Grain Marketing Com- many years and it has been the pany \$4,000,000 as operating capi- genius of Mr. Miller as a lawyer and tal, which is the first money to be re- a man who understands the desires paid. and needs of farmers that has guid-

Retain Key Men

ed the great Eastern farm organiza-By a contract between the Grain tion in a legal way to many notable Marketing Company and the grain achievements.

elevators, the key men of the eleva- Mr. Miller has represented the tor managements, together with all Dairymen's League as their attorney necessary assistants, become the in several big law suits instituted by sales force for the Grain Marketing enemies of the organized farmers Company within the next five years. program and has won important le-The employment of these experts gal victories that have made it easier who have a life-time of familiarity for farmers' organizations to keep with the intricacies of grain market- up the good fight. He has this same ing is an insurance against any well- convincing ability as a platform meaning but costly moves which speaker and on many occasions has might be taken by those not so well had audiences of dairy farmers fair-(Continued on page three) (Continued on page four)

and leaseholds of the five above cor-porations at the following termi-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-port of the five above cor-port of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. No wool was accepted except of the five above cor-pals: Chicago Michigan. This, ties. Michigan. This daily file to the five above cor-pals: Chicago Michigan. This daily file to the five above cor-pals: Chicago Michigan. This daily file to the five above cor-the file to the five above cor-the file to the five above cor-pals of nals: Chicago, Minneapolis, Kan- together with inspection tours, etc., on the contract of the new Wool in the foreground. As fast as it is seed from the growers' organizations est and attention is that we shall putting his life into! There is somesas City, Texas City, Tex., Savannah, III., Erie, Pa., Fairport, Ohio, Depot Harbor, Canada, Fort Worth, Tex., Omether Galvation Cours, etc., on the contract of the new wood in the foreground. As fast as it is just as he did for the Michigan Farm Bureau only today he has the buy-Harbor, Canada, Fort Worth, Tex., Omether Galvation Stratt we shall in the foreground. As fast as it is just as he did for the Michigan Farm Bureau only today he has the buy-the 1924 pool is a member of the Ass'n. Non-Farm Bureau members SAFESEED INC will purchase Omaha, Galveston, Tex., Norfolk, day with very liberal cash prizes. are paying half a cent a pound extra ing kept separate this far in the

There will be a buttermilk drinking handling charge. Ship By Local Freight

No more wool should be shipped ticket. No chances for reading or Company and the above corporations Michigan Milk Producers Ass'n, an to Lansing. Any wool grower liv- clerical error. Then the grain is the selling price of the above prop- attendance contest for the various ing south of Saginaw Bay and hold- ready to be processed or shifted to erties and lease holds is to be the cow testing associations and special ing a Wool Growers Ass'n pool con- bins for storage. figure decided by a disinterested prizes for the person who is present tract should ship direct by freight The storage bins seen at the left board of appraisers. The Grain Mar- with the largest number of children, to the Ohio Wool Growers Ass'n are 142 in number. Each is 108 keting Company is purchasing only for the father who brings the larg- warehouse at South Columbus, Ohio, feet deep, 35 feet in diameter and

POTATO MEETING

Annual Meeting August

20 and 21

Park of the Lakes.

the physical assets of the elevator est number of sons, for the heaviest not forgetting to put stout cards holds about 40,000 bushels of grain. corporations - elevators, railroad man, the lightest man, the tallest bearing his name and address and There are numerous smaller bins of sidings, office and other equipment. man, the shortest man, the man com- weight of wool both inside and out- large capacity. Wheat, corn, oats If they find any of the elevators are ing the longest distance by auto and side of the wool sack. Write the rye, barley are moved from place to out of date, they may reject them. the man who walks the farthest to Ass'n when you ship; if you want place through the enormous struct Nothing is to be paid for "good will" attend the meeting. All of these lat- a cash advance, say so. Until Sept. ture on wide belts, four feet wide or other intangible property of that ter special prizes are limited to mem- 1 the Michigan Wool Growers Co-op traveling at 25 miles or more an

bers of the Michigan Milk Producers' Marketing Ass'n at Farm Bureau hour and moving grain at the rate headquarters, Lansing, will accept of 25,000 bushels an hour per beltapplications for wool marketing con- this means about 22 carloads an Was Known Throughout Na-

One of the unusual features of tracts from wool growers living hour per belt! By means of many be financed by the sale of 1,000,000 the picnic which is attracting more north of Saginaw Bay. This wool special mills which wrap the enorshares of membership stock at \$1 than ordinary attention is the milk- would also be shipped direct to mous belt over one "finger" and un-

der another, these rivers of grain are diverted from the belts to any bin or to any chute. Grain can be shift- row of the tragic death of Frank A.

ed from any one of the 142 bins to Spragg, Associate Professor of Farm another by means of these belts. Crops at the Michigan Agricultural This grain travels so fast that when College, his wife and youngest son, one pokes his hand into it, the sen- which occurred the evening of Aug. sation of solidity is something like 13, when their car was struck by a do good to that class of people

ization.

All Processes Exact Nothing is left to guesswork in miles from the college. The Spraggs this region of enormous storage cav- were returning from a trip to Cincinerns and process facilities. Donkey nati and were almost within sight

engines and cables capable of hand-Cadillac, Aug. 14.-Frank O. Low- ling 32 cars at once replace switch and 9 years of age, survive. den, former governor of Illinois, who engines. Down the center of each president of the Holstein-Friesian he takes temperature readings on Ass'n of America and is prominent every five feet of the 142 tanks. in co-operative marketing work. making some 8,400 recorded read-

the Cadillac Opera house. The dele- to heat here. gates will have a free banquet Wed-In the structure immediately benesday evening in the pavilion at the hind the big pipes in the foreground farm crop lines. of the photograph is perhaps the

During the first session on Wed- largest grain drying capacity in nesday afternoon the various phases America. Grain too high in moisture



SAFESEED, INC., will purchase



poking the hand into so much shot. Pere Marquette passenger train at a that God knows needs something in the industry of agriculture can grade crossing near Okemos, a few

done for them.

Agricultural Slackers of their home. Two young sons, 11 farming who is not a member of to force that thought home, but as I either the Grange or the Farm Bu- say I am sure that is not necessary.

lieve that his industry, that his com munity, that his family, his own inow, the Michigan Black Barbless agriculture may be raised to the lines-and what today we farmersand Michigan Winter varieties of plane that it should occupy in Ameri-all of us, need— is not to be conbarley; Robust beans and Hardigan ca and that it must occupy, my Business sessions will be held at ings in all. No grain gets a chance alfalfa. Mr. Spragg's work was res. and unward as she has a right to go onward tion, but that our mental attitude

the back bone that God Almighty expects him to have. Value of Organization

"Now, I am sure it is not necessary for me to spend any time to clearly demonstrate to any man here the value of organization-the effectiveness of organization. It seems to me that that day has gone by. This has been demonstrated repeatedly. If any man who has any perception at all, looking about him, especially if he is a farmer, can conceive of any way whereby he can use his influence to protect his own business and protect his own life and the life of his family and industry. and can do it effectively in any other way than through organized co-operation, then I would be glad to have him come up here and make this

speech and I will sit down.

"I have had the opportunity of visiting with a great many of the best farmers in Michigan and in other states, and not only that, but I have come in contact with some of the best minds along other walks of life. and I have yet to find one single. solitary individual who has even sug-

gested any other way whereby a man hope to effectively protect himself to the extent that he owes it to himself to be protected, in any other way "I heard the Master of the Na- than through the power of organized tional Grange say yesterday upon co-operation. I might spend all the this campus that the man engaged in afternoon bringing up illustrations

Personal Experience

"But what is necessary-and I am not talking from theory because I have been in this business and closely associated with it not only with tions, but with the Grange organizaalfalfa. Mr. Spragg's work was responsible for a tremendous advance-ment in Michigan agriculture along "I believe it is a duty that we owe be able to be true co-operators; that not only to ourselves but to our com-munity and state and nation. What the fulling attitude where we can be loyal to can be said of the man who is willing somebody else. I will put that In plied to postatoes will be considered. Two new directors will be elected at the business meeting on Thurs-day, the terms of Ernest Snyder of Lakeview and Fred Smith of Elk Rapids expiring at this time.

Prof. Spragg had been with the refused the Republican nomination great storage tanks runs a steel tube College some 20 years and was conor vice-president, and Herbert F. and out of it every five feet are sidered a national authority on plant reau is today an agricultural slack-Baker, of Cheboygan, candidate for electric terminals for determining breeding. He is best known for his er, and I believe he is right. I bethe Republican nomination for gov- the heat of the grain. In a thermo- scientific labors which gave to Michernor, are to be the principal speak- meter room each of these tubes is igan' agriculture such improvements ers at the sixth annual meeting of connected to a knob with some 22 in grain varieties as Red Rock and terests, aye, if you please, his state the Michigan Potato Growers Ex- contacts on it. One man does noth- Berkley Rock wheat-hard winter and nation demand of him that he the Michigan Milk Producers' Assochange, to be held here Wednesday ing else but connect an electric tem- wheat varieties; Rosen rye; the shall be a sufficiently good citizen to ciation and the other dairy associaand Thursday, August 20-21. Mr. perature reading device to each of Worthy, Wolverine and Alexander stand shoulder to shoulder with his Lowden is equally known as the these knobs and three times a week varieties of oats; the Michigan two-

ment in Michigan agriculture along

Course in Co-op M'k't'g

MICHIGAN FARM BUREAU NEWS

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MICHIGAN FARM BUREAU NEWS

UNWARRANTED ATTACKS ON THE INCOME TAX

As the date of the November election draws closer, when the voters of Michigan will have a chance to shift about \$12,000,000 of state tax off the shoulders of over-burdened real estate owners over to the more equitable income tax basis, the interests hostile to the proposal to raise state revenues from an income tax are becoming increasingly active.

Leaders of Michigan farm organizations which took part in securing the necessary signatures, to place this matter on the ballot for the November election are finding that their prophecy that the income tax would get very little support from the big city papers is proving distressingly true. Several of Michigan's metropolitan dailies have come out with editorial and news comment which clearly proves that they are more friendly to those with large incomes than to the average property owners. Rarely are attacks made, in the press or elsewhere, on the principle of the income tax. Rather do its opponents confine their objections to specific provisions of the proposed constitutional amendment. One of their favorite objections seems to be that the amendment to be voted on this fall contains too many details, such as the rates and exemption, yet as pointed out in our editorial on this subject in our last issue of the NEWS it was precisely on the ground that the income tax amendment which was before the voters two years ago contained no such provisions and protections as to what type of income tax law the Legislature might draft that these same objectors urged Michigan citizens to vote against the income tax at that time!

As one contemplates this situation he is reminded that there are none so blind as' those who will not see and none so hard to convince as those who have made up their minds in advance.

In writing to an editor who had severely criticised the income tax amendment, Mr. A. B. Cook, Master of the State Grange, says:

"You refer to the proposed amendment as a 'disquieting proposition.' On the other hand, we believe it will be a wonderful pacifier, as it will relieve the present overburdened real property of the state to the extent of \$12,000,000, and not a dollar of this will be exacted from any citizen who is not enjoying a net annual income of more than \$4,000 per year. The most disquieting situation is to have taxes to pay and nothing to pay them with. This amendment, if it becomes operative, will deprive no child of reasonable educational opportunities, no family of reasonable comforts, and will confiscate no property.

"You say 'no precedent.' Our reply is that it has been exceedingly difficult to get an income tax of any kind in any state from a state legislature. As far as we know, this is the first time when so large and representative a body of the average citizens of any state have had a hand in writing the terms of an income tax. However, no new or untried principle is involved.

"You fear the rich may leave the state. If we have prosperous citizens who will leave this fair state which has given them their opportunity, because asked to pay toward the expenses of this state, a share of those expenses based on benefits received and ability to pay, let us hope that their places may be taken by those with more public spirit. In practice, the experience of Wisconsin and other states indicates that the income tax does not drive people out of the states adopting the system.

"You deprecate writing details into the Constitution. There are only enough details written in to insure every voter's knowing exactly what he is voting for. The feeling of our people toward the legislature is such that they are unwilling to give to the legislature the final authority in working out the details of an income tax. This was demonstrated by the vote two years ago.

"If experience indicated that the amendment needed changing, such change could be easily and quickly accomplished by submission to the people by the legislature, or the initiative. If it works in a manner satisfactory to the people, it should not, and could not, be changed."

OPPORTUNITY OF A LIFETIME OFFERED YOUTH BY M. A. C.

College Has Many Courses Preparing Students For Life Work

SCHOOL OPENS SEPT. 22 college in America" will enjoy the Free Tuition; Other Expenses Reasonable; Ambitious

Folk Welcome

Michigan Agricultural College will open its sixty-eighth year September 22, 1924, under the most promising circumstances. One new course, the Applied Science course, has already proved itself valuable and popular, and another, the Liberal Arts course, open to students this fall, joins with the Applied Science course to present a strong appeal to a class of students who formerly enrolled in other institutions.

The building program of the past two years has provided the campus field, Mich., and Fremont and Find. with a new Library, a new Home Economics Building and a concrete stadium with a capacity of over 16,-000 spectators. The building program applying on the intrastate movement for the next two years will provide a new horticultural building and Ohio and Michigan. four new greenhouses, a hospital building, a concrete bridge across the Red Cedar river, and a modern power plant. A magnificent student tion of 16 cents per ton for hauls Vard Golf championship of Wayne Union building is also under con- of 10 miles or less, 11 cents for 15 Yard Golf championship of Wayne struction, besides other additions which are planned.

New President on Job been placed on a highly stable and states. satisfactory basis, and that Dr. Butterfield will take over the management of the institution with affairs in excellent condition for growth and progress. boards. - Duluth Herald.

The faculty of the College includes more than two hundred professors and instructors in the various departments, and is characterized by the high training and ability of its members.

The College offers the highest grade of laboratory and research work in connection with the class room instruction. Over sixty buildings are used to house the various divisions of the College. The gymnasium is one of the largest and best college athletic plants in the country, and houses one of the largest inclosed swimming pools. The Agricultural Building, the Engineering Building and Shops, and all other buildings of the campus group contain the most modern and complete equipment for laboratory and classroom work.

All_Round Training Outside the classroom, students a M. A. C. will enjoy this year addi-

three miles away, with direct and WOULDN'T MISS frequent electric car service. The advantages of a targer city are therefore at hand, with the college still far enough removed to dominate its own community and avoid the dis- 000 hens in the State of Michigan, dvantages of city life. Applications for admission are be- inated without any noticeable de-

ng received in large numbers by Miss Elida Yakeley, the registrar of the college, and rooms in the various college dormitories are also being taken rapidly. There is yet plenty of time for enrollment. These are indications that the "oldest land grant most successfur and serviceable year in its history in 1924-25. For further information, write Miss Yakeley, Registrar, Mich. Agr'l College, East Lansing, Mich.

iens are out-standing layers and **INTERSTATE RATES** should be used for foundation breedng purposes, sixty per cent are mediocre layers and return a fair mar-**ON BEETS REDUCED** gin of profit, thirty per cent are star boarders. Plan to attend your near-

A new scale of rates to apply to the transportation of sugar beets handled in interstate commerce in Ohio and Michigan was ordered by the Interstate Commerce Commis Wayne Grange-Bureau

sion in a recent decision. The continental Sugar Company, operating sugar factories at Blisslay, Ohio, attacked the present interstate rates because-of the disparity between those rates and the rates

miles, 6 cents for 20 miles and 1 cent for hauls of 25 miles.

September 1 Dr. Kenyon L. But- Commission condemned the Ohio Carleton, lecturer of Wayne County terfield, until recently president of and Michigan intrastate scales as Pomona grange: Massachusetts Agricultural College, becomes president of the M. A. C. unduly preferential to intrastate Close observers feel that under the shippers in Ohio and Michigan, and leadership of Dean R. S. Shaw as acting president, the College has terstate commerce between the two terstate commerce between the two

wheat soils.

Things even up. Europe has finer art galleries, but she can't com- Audience pare with us in the matter of bill-

Picnic Is Big Success Trenton, Aug. 9. - The annual Wayne County Farm Bureau and Grange picnic held at Elizabeth Park here today was pronounced a decided success by the large number of memof sugar beets within the states of hers of both organizations who attended. After a bounteous picnic The new interstate rates, which dinner enjoyed by family and com-

will become effective not later than munity groups, a snappy and intercounty disclosed some exceptionally skilled talent along that line.

At the same time the Interstate charge of Mrs. Edith M. Wagar of

"America"-Audience.

Music—Flat Rock Quartette. Recitation—Miss Virginia Giles Plymouth.

"Some Legislative Problems"-Stanley M. Powell, Ass't Sec'y Mich. State Farm Bureau.

Music-Flat Rock Quartette. "The Star Spangled Banner"-

Ball Game-Canton vs. East Nan-

Fall Grains

Now is the time to see your co-op and order your Farm Bureau Brand fall grains. We offer the following Michigan Crop Improvement Ass'n varieties:

RED ROCK-The old reliable bearded red wheat. Holds practically all Michigan records for yield.

BERKLEY ROCK-Bearded, hard red wheat, stiff straw, winter hardy, smut resistant.

AMERICAN BANNER-White Wheat, beardless, stiff, winter hardy, heavy yielder. Best variety for lighter

ROSEN RYE-Outstanding heavy yielding rye, large plump berries, well filled heads.

August 15, 1924

30 PCT. OF HENS

There are approximately 13,000,-

30 per cent of which could be elim-

crease in production except during

the spring months when we have an

over production of eggs. Reports

credit the average Michigan hen with

an average production of 60 eggs

per year. Under commercial condi-

tions such hens would be maintained

at a loss. Under farm conditions of

free range a very small margin of

Every farm flock can be classed

nto three distinct productive

groups. About ten per cent of the

est poultry culling demonstration

and learn how to tell these classes

profit may result.

apart.

I. F. HighesBenton Harbor John BottemaSpring Lake Bert GleasonLawrence Miller Overton.....Bangor

American Farm Bureau Federation

O. E.	BRAI	DFUT	E			 		Presiden
J. W.	COVE	RDAI	LE .	10.00		 		Secretary
GENEI	RALO	FFIC	ES A	F.	B. F.	 58 East	Washington	St., Chicago
GRAY	SILV	ER.				 W	ashington R	epresentative
LEGIS	LATIN	E H	EADO	UAR	TERS	 Munsey	Bldg., Washi	ington, D. C
		4.19. 1				A Part State	CONTRACTOR OF STATE	

DETROIT FEARS STATE BOARD OF EQUALIZATION

Self-appointed saviors of Detroit's property owners and professional tax and assessment testifiers are reported to be even more than usually busy just now devising last-minute arguments and evidence to be presented to the State Board of Equalization when it meets at Dansing, August 18. This unusual activity on their part is caused by the fact that a report just made by the State Tax Commission recommends that the State Board of Equalizatoin increase Wayne County's portion of the state tax something less than 41/2% of the state total.

The report of the State Tax Commission recommending that the main increase in the assessed valuation of Michigan this year be placed upon Wayne came as considerable of a surprise to many people who had hardly expected such action at the hands of the present commission, yet a knowledge of the real conditions as they exist in Michigan today commends this report as a logical and equitable step which is very much in order at this time.

George Lord, who is the Detroit member of the State Tax Commission and also the chairman of the State Board of Equalization, has never been accused of being any too friendly to the farmers and up-state tax payers, yet the Detroit Free Press quotes Mr. Lord as justifying Wayne county's additional equalized valuation, pointing out what everyone knows to be true, namely, "that farm values have deflated, copper country industry is at a standstill, resort trade has been bad, and only Detroit has continued remarkable building development and growth."

One cannot help but wonder whether or not the recent investigations into assessment conditions conducted jointly by the Miehigan State Farm Bureau and several County Farm Bureaus had anything to do with this recommendation. It will be remembered that these Farm Bureau investigations revealed that farm and village property was being fairly equitably assessed, but in every instance city property averaged much lower, when compared on the basis of sales value.

If the city property in the so-called rural counties is being assessed lower than the farm and village property, is it not. logical to suppose that such a county as Wayne, which is preponderantly urban, is grossly under-assessed when compared with the up-state counties which are largely rural?

It need not be feared that the case of the rural counties will lack a friend in court when the Board of Equalization meets August 18, M. B. McPherson of Lowell, vice-president of the Michigan State Farm Bureau and president of the organization of supervisors from the counties other than Wayne, has called that body to meet at Lansing that day. It will be interesting to watch the developments.

In view of the fact that Michigan raised 6,000,000 bushels of beans last year one wonders what Boston would do without us .--DETROIT FREE PRESS.

JAMESTOWN HAS MONSTER CO-OP ELEVATOR PICNIC

2,000 Farmers Gather For Day of Fun, Frolic, Music and Instruction

Jamestown, August 1-That farm- sential if the interests of the farm- sides these, several honorary fraers living in the vicinity of James- ers are to be protected, was one of ternities and a number of special town realize that there is something the big points made by Mr. Powell. groups and clubs combine with the to agriculture and rural life besides He told how through the Michigan college class organizations to make growing and harvesting crops was State Farm Bureau the united pow- up important parts of the broad soevidenced by the immense crowd of er of organized agriculture in Michi- cial life of the college. Wholesome about 2,000 people who gathered gan is brought to bear for the solu- fellowship and democratic associahere today for the annual picnic of tion of the great problems of trans- tion is the keynote of the relation the Farmers Co-operative Elevator portation, legislation, taxation, fair, between the students. Through con-Co., held in Forest Grove Park. This friendly publicity, seed service, gen- tact with fellow students from all extremely beautiful park, well equip- eral promotion of co-operative mar- parts of Michigan, as well as from ped for just such an occasion, an keting and central purchasing of sup- many other states, and with those ideal day, complete arrangements, plies.

ing addresses and a very evident unfair tax situation in Michigan to- which is not the least valuable conspirit of community co-operation day and discussed the remedies tribution of college life. combined to make this picnic an which the Farm Bureau is seeking outstanding success. to have applied.

Tilma Lays Platform

Cars and More Cars

full of cars by noon and yet the noon was Hon. George P. Tilma of meet at M. A. C., as at many other crowd kept coming. Since this co- Grand Rapids, formerly mayor of institutions. No tuition fee is reoperative elevator association has that city and now a candidate for quired of residents of the state. 550 live-wire stockholders and op- Congress. Mr. Tilma laid down his Fees in the various courses are limerates elevators at Jamestown, Hud- platform and told of the special pro- jied to the actual material used in sonville and Vriesland, and did a jects for which he would work if laboratory and classroom work a county-wide character.

the vice-president, in the absence of the state. president J. J. Nyenhuis, who was speaker of the afternoon. Mr. Powpresent agricultural conditions and

to these difficulties. Commodity Exchanges Needed

tions and expansions to the broad field of campus activities which offers opportunity for development to every student. The Athletic Department has Ralph H. Young at its head for the second year, with a well trained and competent staff of assistants. A complete program of inco-operative marketing in Michigan tercollegiate athletics is supplementwas sketched by Mr. Powell. He ed by inter-class and inter-fraterwent on to show that the local co-op nity games, a plan which brings could never render the service which hundreds of men and women stu-

was expected of it without state-wide service organizations to look Dramatics, music, journalism, deafter the big problems of the locals bating and others of the many orand give them a sales service. The ganized activities, are yearly becomspeaker told of the development and ing more highly developed and offer present strength of the five powerful training and experience of untold commodity exchanges affiliated with value to M. A. C. men and women. Eighteen men's and eight girls'

the State Farm Bureau. That a central organization, even fraternities and societies form the more general and comprehensive basis for an important part of the than the commodity exchanges, is es- social life of the student body. Be-

from other divisions of the college, band music, snappy sports, interest- The speaker reviewed the present M. A. C. students gain experience

Expense Reasonable

The problem of expense, an im-

portant consideration with most col-The spacious park was literally The second speaker of the after-lege students, is not so difficult to

business last year of \$335,000, it is sent to Washington, stressing es- Large scale, co-operative buying and not strange that these annual James- pecially the need for the develop- management keeps the cost of board town picnics have grown to assume ment of Lake Michigan harbors for in the college dining clubs to a modmore extensive commerce, and gov- erate figure. Room rents for those The formal afternoon program was ernmental aid for promoting the in the college dormitories, and for presided over by Mr. N. DeWeerd, poultry industry in that section of those who live "off campus" in the city of East Lansing, are relatively

Following the speaking program low. detained by sickness. Mr. De Weerd the audience was entertained by a A large proportion of M. A. C. stuintroduced Stanley M. Powell of variety of stunts performed on the dents earn part, or nearly all of the Lansing, Assistant Secretary of the platform. Bottle sucking, balloon expenses of their college course dur-State Farm Bureau, as the first blowing, nail driving and other con- ing the years they are in school tests contributed to the amusement. Employment agencies are mainell praised the assembled farmers for Horse shoe throwing, various freak tained by both the conege Y. M. C their splendid spirit of practical races, band music and a ball game A. and the Y. W. C. A., which seek community co-operation, discussed completed the day's program. to find work for the student who The following are the officers of must help finance his education.

advocated sound co-operative mar- the Farmers Co-operative Elevator M. A. C. is particularly fortunate keting and strong central organiza-tions as the most effective solutions dent; N. De Weerd, vice president; "college city," is a community of Alexander Klooster, secretary and homes with the wholesome atmostreasurer and D. E. Smallegan, man- phere of a typical college commun-The history of the development of ager. ity. Lansing, the state Capital, is

MICHIGAN STATE FARM BUREAU Seed Department Lansing, Mich.

How Concrete Helps the Farmer

Farmers who have the advantages of permanent, expense-proof buildings save time and money that would otherwise go to keep ramshackle buildings fit for use. Concrete dairy barns mean healthier cows that give more milk; and that means bigger milk checks.

Concrete silos make possible economical, dependable feed the year 'roundwhich also means more milk.

Concrete manure pits prevent loss of valuable fertilizing elements in manure.

Concrete corn cribs keep out rats and mice. You can't sell these pests so why fatten them?

Concrete feeding floors and hog houses make healthy, profitable hogs.

Concrete protects the home, and other farm buildings against fire.

Wouldn't you like to know more about Concrete-how to mix and use it, and how to estimate quantities of materials? We will gladly send you this information without charge, if you will write and let us know what you are planning to build. Why not write today?

Our booklet F-14 tells all about the uses of concrets on the dairy farm. Send for your copy.

PORTLAND CEMENT ASSOCIATION Dime Bank Building DETROIT, MICH. A National Organization to Improve and Extend the Uses of Concrete 1 Offices in 29 Cities

August 15, 1924

Michigan Fruit Growers Inc. Dep't Of Interest to All Fruit Men

GRADING, PACKING TAKE FOREGROUND AS APPLES RIPEN

Scab and Insect Injury Make Knowledge of Grading Laws Essential

Benton Harbor, Aug. 14-Transparent and Dutchess apples are peach and grape growers. about ready to harvest in the southern counties of the state, hence it is time to give attention to the matter of correct grading and packing. Due to plentiful rainfall, a considerable proportion of the crop on the trees is showing more or less scab and insect injury. This will necessigrading requirements as promulgated by the State Department of Agri. culture in accordance with the law

pose of carrying on the inspection thirty cents. services this season, thus enabling a better and closer application of the law than heretofore. This action of the State Administrative Board is to

plication of the law and some grow- acre. ers were under the impression that they might be able to pack their The producer must face these facts, last year's crop and grapes slightly can be used in packing Michigan them. This merchandising must in- growers may arrive at some conclu- members of this Farm Bureau or any option in the matter and the use of attractive displays of eastern fruits ucts. any other grade or standard than and vegetables. We must consider Michigan law will subject the that the consumer chooses the prodgrower or packer to penalty.

Further, it is pointed out that tol- of appearance, uniformity and qualerance in grades is established to ity as related to price. protect packers and shippers where ly continue to pack apples to secure ly, and nationally. Co-operative sell-

Michigan Has Adopted FRUIT PRODUCTION U. S. Grades For Pears

Michigan pears will be packed and hipped under the Federal grades his season as a result of the promulsation of these standards as the legal grades by Commissioner of Agriculture Watkins at Lansing. The Short Apple, Plum, Pear, been toonew grades which became effective July 14, were promulgated at the request of pear growers in southwestern Michigan, who - want the same protection against the careless

packer as now enjoyed by apple,

COST OF GROWING **APPLES GOES UP** tate close grading to conform to the Six Times As Much Today As It Was 75 Years Ago On Same Farm

passed by the legislature of 1923. We are advised by Mr. W. P, Hart-man, Director of the Bureau of Foods and Standards at Lapsing account book that it cost \$24 to grow Foods and Standards at Lansing, account book that it cost \$24 to grow of that remaining on the trees. that the State Administrative Board an acre of apples. His profit on the has granted an emergency appro- acre was \$54.75. The cost per bar- the last Government report indicated distrustful of his neighbors as have are large acreages of splendid paspriation to the Bureau for the pur- rel of raising this crop of apples was some two million barrels promise been the farmers of the past.

packing and grading be adopted and Burritt was one of three speakers on 12th, 13th and 14th and no doubt God knows what you are not, and

In this connection it seems there as been some confusion in the inds of the growers? as to the an-where in 1849 costs were \$24 per plum and pear crops of the control in the barrel. In 1922 it cost \$150 an acre ing to compare these figures with Government estimate as of August 1. It is generally conceded that the herently up to the mark as ideal have seed the control in the interest. In the past. We have not had as large a dvantage of a feeding-in-transit ar-rangement similar to that just grant-ed by the Michigan Central it would have seed him more than \$1,500 in has been some confusion in the to raise apples on the same farm minds of the growers' as to the ap- where in 1849 costs were \$24 per plum and pear crops of the country American citizens in that we are not freight bills.

Must Face Facts

rass."

Alfalfa 18 Years Old

ike to hear about them.

"The future of the fruit and vgee-

ARE FAVORED ABROAD



MICHIGAN FARM BUREAU NEWS

Farm Bureau Loyalty

-independent.

good enough farmers to be sufficient-

ly loyal to ourselves to give up a lit

Grange Leader Urges

Too Much Independence "Now when we are willing to be Grape Crop Seen; More

Peaches This Year

Benton Harber, Aug. 11 .- Due be willing to be good American citier conditions suffered by various be loyal to ourselves and our indusfruit growing areas in the United try and our organizations, then we States, Government and private esti-mates on the fruit production of the will be getting into a frame of mind where we can accomplish something. country are so much at variance at this time that it is difficult to quote anything like accurate figures.⁶ Cali-fornia Oregon Washington and Ida ornia, Oregon, Washington and Ida- There has been a little more of jeal-

ho have suffered to varying degrees ousy, a little more of misunderstandplies, while the Eastern sections gether and having an understanding have suffered from a cold, backward with his neighbors, than with any

as a banker, a lawyer, a doctor, or under last year's production of thir.

enforced if we are to compete with the highly specialized apple produc-ing areas in the West. Nowadays spraying alone, Mr. Bur-

are considerably under last year's always willing to cheerfully abide by production, peaches slightly over the will of the majority.

fruit under United States or other Mr. Burritt said, and meet them by under last year. We hope that by standards. The Bureau of Stan- better methods of distribution. "In- the time we go to press again we will the delegates to this annual convendards makes it plain that only Mich- dividual growers must grow better have more or less accurate figures tion of the State Farm Bureau, or the igan Apple Grades as defined by Act products; they must grade and pack of what we may expect in fruit pro- delegates to any other annual conven-No. 266 of the Public Acts of 1923, these products better and advertise duction this season in order that tion of this Farm Bureau, or the



Starts Big Business of their best mental energy and their

occasional error or oversight oc- table industry depends largely upon keting. These men have been suc- have their opinion and express that curs, but when shippers consistent- sound organization, locally, regionalsonable to expect that they will con- opinion is against them, to be good the full amount of tolerance on all ing by growers encourages the grow-

Each Farmer's Duty



Urge All Michigan Railroads To Grant Privilege Enjoyed In Other States

man on the face of God's green earth. and I have congratulated myself that BUR. TRAFFIC MAN AIDS

dependent. My friends, we have Livestock Men Say High Rates Cause Idle Land

and Wasted Grass

At the call of Commissioner of Agtle of that boasted independence and riculture L. Whitney Watkins, and largely we think to abnormal weath- zens and abide by the majority and officials of the Michigan Live Stock Exchange, about 30 representatives of the larger livestock feeders of the state met at Lansing, July 30, for a onference with railway officials on "During all the days I have known the request of the shippers that all Michigan railway's grant a stop-over feeding-in-transit rate to livestock being shipped into Michigan for feeding purposes. The new concesby drouth and inadequate water sup- ings and a little less of getting to- sion along this line recently granted by certain branches of the Michigan Central Railroad was held up by the livestock men as an example of what they desire in this connection.

Tells of Idle Acres

Farmers present told the railroad In the matter of the apple supply other business man in the city and be men that in Michigan today there sture land lying idle and the grass "It is not because God Almighty going to waste because the present services this season, thus enabling His son, M. C. Burritt, formerly di- ty-three million barrels. There is made you any different than the high freight rates rendered it unprofitable to ship in stock for grazing purposes.

Mr. King of Charlotte, one of the the state Autimistrative Board is to pared these costs of seventy-five the Michigan grower's idea of pro-is one of the important states in the years ago with those of today in a commercial production of apples and radio address broadcasted recently Shippers' Association hold their an- proprietor, very often the laboring better than any other state if we it is essential that rigid standards of from Station WGY, Schenectady. Mr. nual convention at St. Louis August man, the executive committee and were granted the same stop-over privileges which western feeders enjoy. Mr. King fed about 50 cars of lambs last year. If he had had the advantage of a feeding-in-transit ared by the Michigan Central it would

> Freight Rates Big Factor Other farmers stressed the fact

hat land is reverting for taxes and "I do not know any way whereby becoming a public liability, which, with a satisfactory feeding-in-transit rate might be devoted to successful feeding operations. The fact was brought out that livestock feeding can be used in packing Michigan them. This merchandising must in-fruit. In other words, there is no clude better retailing methods, more sion as to fair prices for their prod-to do what they ought to do and thus paving the way for a prosperwhat they are in duty bound to do, ous agriculture in the future.

not for somebody else but for them-selves and families, until they are willing to contribute of their thought, grain is shipped into Michigan to grain is shipped into Michigan to feed livestock being fattened here and that with more favorable freight money to this organization and the rates the volume of these grain shipments would be increased ... Farm Bureau Active

Authentic facts regarding various the full amount of therafice of an ing by growers encourages the grow-shipments, it is obvious that their action is not in sympathy with the spirit of the regulations and such ac-tion will be subject to prosecution. Value of fordes

Elevator Taken Qver By Grain Mktg. Co. at the rear and discharge or take on

take in going through the drying section to come out as desired. Below the drying section it goes through 35 feet of cooling, using for cooling purposes the air on its way to be heated for the drying work.

Lansing

Bleaching Oats narketing men were there the ele-A battery of oat clippers, vator was loading 570,000 bushels the length of the building, clips hunof grain into two boats besides cardreds of thousands of bushels of

ying on all its regular work. oats daily. Oats to be bleached are The plant has its own powerhouse conducted to the top of the building and large railroad track facilities. It and dropped through a long cylinder is of late construction, having been

filled with sulphur dioxide fumes. built in 1917 and improved in 1921. are bleached, later cooled and come t has the record of handling grain out aristocrats for feeding purposes at a lower cost than any other great About 300 pounds of sulphur are levator and will be one of the outstanding properties of the co-operaconsumed daily in this operation. Loading out, blending, mixing and tive Grain Marketing Company.

Alfalfa Seed Situation

Not much genuine, northern grown alfalfa seed is available. Weather conditions have been splendid for starting new seedings and the demand has been very heavy. Those who want high grade alfalfa for this season had better get it now. The new crop of seed will not be available until late fall.

The Farm Bureau Seed Dep't offers limited stocks of-

FARM BUREAU BRAND GRIMM No. 1B-high purity and germination test. Trace of sweet clover and not so good an appearance as No. 1 makes it 1B. Will give satisfaction.

FARM BUREAU BRAND ONTARIO VARIEGATED-Ranks next to Grimm. Is No. 1 seed. Several carloads sold this summer are already showing excellent stands. Not much left.

If you want Farm Bureau alfalfa seed for this season, see your co-op manager about it at once, or write

MICHIGAN STATE FARM BUREAU Seed Department

Michigan



all other operations are on an equal-

y large scale. Big boats come up

argoes. The Northwestern Eleva-

tor has loaded out 240,000 bushels

of grain in 17 minutes. It has load-

ed out 640,000 bushels of grain to

oats in one day. The day the edi-

tors of various State Farm Bureau

newspapers and Farm Bureau grain

expecting the co-operation of all fac- maintain these industries satisfac-

tors to the desired end. A standard- torily." ized product, properly branded, increases the popularity of Michigan INSPECTED PRODUCTS products, insuring increased demand and better prices, and we hope that growers generally will give Mr. Hartman, Mr. Esslinger and his corps

of assistants the cordial support they vor American products that have considerable economies in the mardeserve.

Michigan Organizes 38

the entire shipments.

Michigan farmers have organized 38 new cow testing ass'ns within the past seven months and lead all states in that respect for 1924. Minnessta correspined 25 for 1924. Minnessta in that respect for 1924. Minnesota samples of such shipments are al- G. M. Dyer, Spencer, Ia.; secretary-tion, go home and go into your closet send 4% yards of this to Gunkel & Norre (Farm Burean's tailors) and organized 35. Wisconsin leads in the number of ass'ns with 163, Mich-of the element of uncertainty. Ia.,

ta third with 90. This means that Monday was once just wash day. year by year more of our dairy cows Now it is the day we get the list of Feed Cows Some Grain are being placed on yearly tests with killed and injured in Sunday's autoresulting economies and better re- mobile accidents .- Kalamazoo Gaturns in operating the farm dairy. zette.



Will be the Mccca of Thrilling-Stupendous and Educational Attractions. Prizes of Cash for Oldest Anto Driven to Fair Grounds. Best Band, Etc. - Buy Tickets Early.



Value of Grades The benefits accruing from the ipping of standardized farm prod-uality products to the consumer at The benefits accruing from the grant accruing from the

Ketting Company. The Grain Marketing Company has gotten under way and is hand-ling grain, assured of a large volume of the grain that the grain corpora-tions have been handling and ex-pecting to get a lot more from the the user discrete the second seco thousands of co-operative elevators down upon and do anything else. Foreign markets are tending to fa- in the nation. It expects to effect

Whose Organization Is It?

deserve. An official verbatim copy of the apple grades and laws applying to shipments of apples this season may be obtained by writing to W. P. Hartman, Bureau of Foods & Stan-dards, State Office Building, Lan-sing, Mich. been officially inspected at shipping points, according to advices received by the United States Department of Agriculture. Sales of American apples in Liver-pool are made by samples, and buy-ers declare they have found that the federal-State inspected apples can be relied upon to be of uniform quality relied upon to be of uniform quality thereby eliminate most of such ex- yourself and your own heart: Whose

and condition, and that the samples pense, to make other economies by organization is this Michigan State angan Organizes 38 Cow Testing Ass'ns the entire entire achieves of the quality and condition of the fullet, to make other economies by organization is this Michigan State 1431 Melvine bindica-tive of the quality and condition of the tolls, sales forces, office forces, Waldo Phillips' and Clark Brody's Michigan State Farm Bureau,

financing arrangements, buyers, etc. and if everything does not go right, 221 North Cedar St.,

and sit down with yourself and have a revival meeting and you better make it a protracted revival meeting and do not come out of that meeting until you have gotten yourself into the frame of mind where you can say "This is my organization." To Help Out Pasture 'This is my organization.'

Menominee, Aug. 5.—"It is a common practice not to feed our milk cows grain while on pasture," says Karl Knaus, Menominee Co. Agr'l Ag't, "but those who do find that their cows maintain their flow much more steadily through the sea-son when they are badly pestered with flies, and especially when the with files, and especially when the grass becomes short. If pastures are good, cows will sometimes not care for grain in the evening, but they will usually eat a reasonable feed in the morning. It is impossible for a high producing cow to eat enough grass to provide the necessary food to maintain her flesh and high milk production. The medium and low with flies, and especially when the into agriculture, let's do the same \$75.00 to \$80.00 but never again. production. The medium and low production cow, however, will usually increase to a certain extent on grass" more.

All Depends on Loyalty

summer four loads were harvested the interests of agriculture.

the first cutting. If anyone has any older alfalfa fields the News would like to hear shout them. upon other important things of this one of you, to that organization.

Mr. Phillips or any other man, but I The railway representatives were

would hold a conference and agree upon a uniform line of action. There "There is one other appeal I want is a strong probability that they will been officially inspected at shipping keting of grain by operating all the to make to you. If you are a mem- grant some form of stop-over priv-



Chicago, Illinois

"If there is anything that makes go along to be measured up for his.

agriculturist has been getting the All Depends on Loyalty "Mr. President, if I talked three or four hours I could not give you a bet-ter doctrine, nor would it be of any special value for me to talk about Bagley, Aug. 5.—Henry Walker of this place, Menominee county, re-ports a two acre field of alfalfa which was seeded 18 years ago. This the ports a two acre field to alfalfa which was seeded 18 years ago. This the ports a two acre field to alfalfa which was seeded 18 years ago. This the ports a two acre field to alfalfa think, gentlemen, but the thing I know is for your own interests and the interest and

MICHIGAN STATE FARM BUREAU Purchasing Department Lansing, Mich.

Order Your Farm Bureau Fertilizer Now

Railroad service is good. Prompt delivery is assured. See your Co-op manager at once.

WE OFFER 2-12-6 0-10-10 0-16-0 2-16-2 0-20-0 0-12-12 2-8-16 0-12-2 0-8-240-12-6 2-12-2 3-8-6 8-12-4 0-14-4 2-10-4 2-8-10 4-8-6 1-8-4

High quality is the foundation of both Farm Bureau Fertilizers and Farm Bureau Seeds. The analysis is stamped on every sack of fertilizer and the goods are guaranteed to be as represented.

This is the second year the Michigan, Ohio and Indiana Farm Bureaus have combined their buying power to take the output of a new, modernly equipped, fertilizer plant. Everybody has been well satisfied with the high quality and condition of the fertilizer.

BETTER FERTILIZER

We use Florida pebble rock phosphate which is drier than ordinary Tennessee phosphate and not inclined to get gummy.

All other ingredients are of superior quality and availability as plant food.

This Farm Bureau fertilizer is thoroughly cured and seasoned. After it is properly aged it is re-ground. It will not cake or get hard. You can spread it more evenly and without difficulty.

READY FOR SHIPMENT

Flenty of the above goods are ready for shipment in straight or mixed cars of 15 tons or more. Place your order with your co-op manager and urge him to get his order to us at once. For further information, write direct.



Crop Improvement Secretary Analyzes Red and White Wheat Markets

WHITE COMES TO FRONT

Often Commands Premium; Berkeley Rock Resists Stinking Smut

By H. C. Rather, Sec'y Mich. Crop Improvement Ass'n

"What kind of wheat shall I sow? Michigan's varied soil conditions, miles and cause a promising crop to involves the interests of others must ligently.

White Wheat Gaining

One of the first leads the grower areas all over the state. must follow in seeking his answer is to learn his local market demand. some good white variety.

extensive pastry flour trade and the wheat. best pastry flour comes from white wheat. Her great food products factories also prefer the soft, starchy, white varieties. So important has become this demand that for two or three years the average. Michigan market has favored white wheat to the extent that farmers have been getting 21/2 to 4 cents per bushel premium for it over the ordinary soft reds.

American Banner Productive Fortunately growers in this state can quickly take advantage of this situation with a variety which gives them many productive advantages. ed by plant breeders at M. A. C. It witt H. Merriam, who have County Cir-was originally released at a time handed down in Wayne County Cir-farm, or we tile our farm, or we Many Growers Are Signing when white wheat was not in favor cuit Court July 24th, upheld the make a start in better livestock or Crop Improvement Association is ing a judicial warrant. finding considerable call for approved seed of this variety.

wheats, being low in protein, require made without judicial warrant. less nitrogen in the soil to turn out a successful yield than do the harder

Michigan wheat growers and millers. The great consideration with any variety is to be able to get seed pure and true to its varietal name and free of rye, cockle, chess and other bad mixtures. The Michigan Crop Improvement

Association by its field and seed in- Should Analyze Such Invest- selves the following questions before spections is able to assure growers of these important characteristics in their seed wheat, and the Seed De partment of the Michigan State Farm Bureau has these inspected certified seeds available for distribu- Chairman, Farm Bureau Home and

tion any time in season. Other Factors Also Important

COURT HOLDS VETS

NEED NO WARRANT

70 Dissenters

TO MAKE T. B. TEST

During these days of agitation While quality seed is important concerning the coming election when in securing a successful crop of any we hear so much about just or unkind, it is well to remember that it just taxation, misuse of funds, overkind, it is well to remember that it just that ton, meet, favoritism, class is not a cure-all. Quality seed does stepping of power, favoritism, class would be to admit that I was not not excuse poor tillage, does not distinction, indifference to duty, etc., make up for a lack of plant food, we sometimes wonder if there are forced to invest in anything that, if does not eliminate barberry, the host any honest men, we begin to doubt there are disappointments, that I was plant for the destructive stem rust. everybody, even our best friends,-

A good, clean, well-worked seed and almost ourselves. bed should be provided early enough Then again we take more earnest Wheat's important place in the Mich- so wheat may be planted at the earl- thought and we are compelled to gate and know positively the facts igan rotation and its improved po- lest fly-free seeding date. Two hun- acknowledge that anyone assuming before I would condemn anyone or sition on the market has caused this dred to three hundred pounds per any public office or trust lends himquestion to replace the one, "Shall acre of 16 per cent acid phosphate self to all kinds of unjust criticisms I sow wheat?" which Michigan will pay for itself in better filled and misrepresentations. Anyone dofarmers were asking a year heads of plumper grain. The com- ing anything whatever outside of his was interested in, to his banker and sgo. It is a good question too, and mon barberry will spread rust for own private business, anything that asked his opinion upon it and was

together with her unusual market yield only shrunken grain. Federal in these days expect to be called upneeds, make it important for the workers should be assisted in lo- on the floor, so to speak, and ex-Michigan grower to answer it intel- cating and destroying these plants plain all that they have or have not wherever they exist. They are being done, especially if there is any monfound in both domestic and wild ey involved. Verily, it was said

With barberry plants eliminated, evil." How our whole lives center can enlighten us if we are not sure with proper seed bed preparation, around that word "money"! While of our own knowledge - such a Where the wheat is to be sold to an and with judicious use of manure none of us want to admit it, neverelevator for later resale the Michi- and fertilizers, varieties such as theless it is true, we are all human

gan farmer will do well to consider those described above will pay great- enough so that we respond just a litest profits on the time and money re- tle quicker to a request or to an in-Michigan mills are developing an quired to produce and sell a crop of quiry if it has some commercial value to it. How much needless misery

it has caused! That brings me to the thought that I want to write you about in this issue.

ments Correctly For

What They Are

By Mrs. Edith M. Wagar

Community Work

Many Unfair Attacks In these days of co-operative novements of all kinds, we hear

much that is discouraging and most of the criticisms are unwarranted and unfair, and almost all are brought about through misunder-

Wayne Circuit Judge Decides standing. We farm folks are too new to these co-operative ways of doing Important Case Against business to fully realize that it will

take time before we can expect "divi. James Vreeland, a Wayne county dends" on money invested. We American Banner is a beardless, red- farmer, and 69 of his neighbors were must look on this advanced way of chaffed, white winter wheat develop- handed a severe jolt by Judge De- attending to our own affairs just as ed by plant breeders at M. A. C. It Witt H. Merriam, who in a decision we do when we begin to secure a

and was carried along in only a limit- right of officials of the State Animal build a new building, it is a long ed way for several years. Today it is Industry Department to enter farms time before we really see any macoming to its own and the Michigan and test cattle without first obtain- terial "dividends" on the money invested-yet almost always in the Mr. Vreeland and the other 69 long run we must admit that these

Cadillac, Aug. 14 .--- Michigan po Wayne county farmers sought to movements of ours paid us well. tato growers, according to R. A. Wi The characteristics which gave show that the Animal Industry Deley, organization manager for the Living as we do withing the De-American Banner wheat great favor partment officers were administra- troit area of milk production and Michigan Potato Growers' Exchange, are its winter hardiness, its stiff tive officials only and, that they also within notice of the new Pro- have generally decided to go sledstraw, its vigorous stooling habit, its could not enter farm property in ducers Plant at Adrian, I have been length in an effort to put the potato long, well filled heads and its ap- carrying on the T. B. test without brought in contact with many mis- marketing business on a safe and parent ability to make the most out usurping judicial functions, and that understandings, especially among permanent basis, and , as a means of soils of only fair fertility. White such entry upon farms could not be the women. to this end, are signing the new five-

In the first place an investment year marketing agreements in sur-

This stand on the part of Mr. a business investment on the part of At a recent membership meeting Axe, Huron Co. The producer—just the same as it at Edmore in Martala Axe, Huron Co. 8-15-1 reds, and under the great average Vreeland was responsible for his ar- the producer-just the same as it at Edmore in Montcalm county

making any great personal sacrifice in the purchasing of any kind of stock-"Will this proposed company help my business and are those connected with it people that are known in this state?" and again,

Have I money that I can spare at this time that may not bring me re-turns for some time, although in time may prove to be a good investment for me

MICHIGAN FARM BUREAU NEWS

as much to blame as anyone. If I had my doubts about any of the operations. I would thoroughly investi-

anything. I know of one man that took his annual statement of a company he very much relieved and gratified to hear this business man say that he only wished he had some holdings in the same concern for the large reserve proved it to be valuable property to own. This man did just what truthfully, "Money is the root of all we should all do-go to those that course would save us all many unnecessary misgivings and again we must remember that the fellow that tries to establish these worthy cooperative affairs is a man right here where we know all about him, he has his faults and shortcomings just

the same as we all have, for he is human, but we should be generous enough to overlook and allow for and consider the motive behind it all.

We are too eager to condemn the man we know and too willing to be drawn in by the crafty slicker from parts unknown.

CROP CONTRACTS

Five Year Marketing

Agreement

MEET WITH FAVOR



Your Michigan Farm Bureau News subscription expires with this edition. If you wish the paper continued, write the Michigan Farm Bureau News, Lansing, Mich., for particulars. This does not obligate you in any way. The paper is sent ONLY on the direct order of active Farm Bureau members. Keep your News coming and be informed on what's going on in organized agriculture.

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BUSINESS NEWS

3c a word per Insertion for 3 or more insertions; 3½c a word for each of 2 insertions; 6 cents a word for one insertion. Count each word, abbreviation and figure, in-cluding words in signature, as words. Cash must accompany order. Mich. Farm Bureau News.

LIVE STOCK

REG. JERSEY BULLS, READY FOR ervice. Bred for size and production ruberculin tested. J. K. Hatfield, Remus dich. 8-8-2

REG. GUERNSEY BULL CALF 9 nonths old. A good one. A. R. Dam filmore Brothers, Camden, Mich. 9-11-24

FARMS FOR SALE

FARMS FOR SALE IDEAL STOCK FARM ON TRUNK ne, 11 miles from St. Pohns, 440 acres of avely loam in fertile section. 185 acres litvated, 15 woods, 40 pasture with run-ng water. Owned by one family for 50 ars; one ten room and one six room use; shady lawns; gravel walks, two mbrel roof barns 30x96 and 32x43; silc x14; two new garages; two new sheds n house; tool shed, etc. Buildings rod-and newly painted, windmill, two wells to cisterns, water tanks with new pipes ple orchard; gravel plt; 3½ miles wover re fence; unsurpassed in value \$25,000; rms. Kinsey & Buys Co., 423 Mich-ust Bldg;, Both phones, Grand Rapids ichigan. IDEAL

MISCELLANEOUS

GATES-THE EVERLASTING ALL steel, Double-Truss gate. Never sags and vill last a lifetime. Write for catalogu nd price list. E. C. Harriss, distributor ulegan, Mich. 8-8-2

SELF-SERVE POULTRY FEEDER

The one you has been wishing fo Hrovides fresh clea feed at all times. Ma be used out of door Reasonable in pric Made in three size Write for bookle Reliable dealers wan ad. Manufactured by

IRA P. HAYES Dep't B-11 Eckford, Mich.

BREEDERS' DIRECTORY

Reg. Duroc Jersey Boars, Bred Sows Gilts. L. O. Klaty, Carsonville, Mich. 6-2

Plans Are All Made from page one) ly standing on tip toes as he tells

about the possibilities of the organ-

Don't Miss Glover

ization and co-operation.

accurate information at his command and comes with a national For Big Dairy Picnic viewpoint of the whole dairy situation as it exists in this country today

August 15, 1924

A special attraction to the wives of the dairymen will be a short talk by Miss Hoover, a food specialist

from Washington, D. C. From every indication August Perhaps equally interesting and 22nd will not only be a day pleasantinspiring as the address of Judge Miller will be the message to be dely spent for the dairymen who atlivered by Mr. A. J. Glover, Editor tend the big picnic at M. A. C., but of Hoards' Dairymen, which is prob- it will be a most profitable investably the leading dairy paper of the ment of time and gasoline. Better United States. Mr. Glover travels plan to pack a lunch for the noon widely and keeps in the closest picnic and plan to come early and touch with the dairy interests in the take advantage of all the good United States. He has extensive and things in store for those who attend.

Keep Your Automobile Insured

Traffic Accidents Are On The Increase

If you are the driver or owner of a motor car or truck, can you really feel SAFE AND SECURE without automobile insurance?

Suppose tomorrow you should be held liable in damages to the extent of \$5,000.00, would you be able to make an immediate payment without embarrassment? If not why not let our company carry your risk? With our State wide organization of Adjusters, Agents, Attorneys and Officials we are able to assume your risks and give you efficient service.

Our company is now finishing the tenth season and we have built up large assets with one yearly payment.

..\$137,392.51 Total Assets December 31, 1921 ... Total Assets December 21, 1923. 407,683.55 Total Assets August 1, 1924. 561.543.23 CLAIMS PAID SINCE ORGANIZA-

TION 1,930,195.26 CLAIMS PAID THE FIRST SIX

MONTHS OF 1924 ... 222,021.73

The above assets have been accumulated with one annual to pay the claims each year and to add something to the payment per year. The rate charged has been sufficient The company has never made a special assesssurplus. ment and has, therefore, been non-assessable by experience. The yearly charge being sufficient to meet the claims each year and to increase the assets, placing the company on a firm financial basis.

With selected membership of over 54,000 policy holders the company is prepared to meet every claim promptly.

"Insure today, tomorrow may be too late." Call on the Local Agent or write the

CITIZENS' MUTUAL AUTOMOBILE INSURANCE COMPANY Howell, Michigan



Co-Operators Should Not Do Their Business An Injustice

OTSEGO LAKE

of wheat growing conditions Ameri-can Banner is apt to prove the Michi-ed with a misdemeanor for obstruct-build a silo or a milk house or to buy proximately 100 car loads, signed the gan growers' most profitable variety. ing and resisting the test. This case equipment, and it should be thought marketing agreements. A solicitor Farley Brothers of Albion, Geo. which has been pending in one form of in that way, not as money invest- will visit the rest of the members

Wheeler, Mt. Pleasant, and Jay or another during the past year, and Bradley, Blissfield, are among the which has aroused considerable in-bradley. Blissfield, are among the which has aroused considerable in-pectations of getting quick returns in soon have the largest acreage under Bradley, Blissfield, are among the which has aroused considerable in-many growers who have had excel- terest because of its wide applica-the way of cash dividends or larger interest. We women must look upon ping locals. Banner grown in Michigan won all down his decision, declared: Grain & Hay Shows.

Red Rock is Outstanding

By far the greatest quality wheat, which first concerns the court. probably the best baking soft red of Michigan's yield records is Red mine whether animals are diseased, the test of time and while some sease germs and are unfit for use, hundreds of ways that we can make variety may have surpassed it in a whether elevators and stairways are unprofitable investments in our being conducted in the Mecostasingle season, nothing has ever con- safe. sistently outyielded this famous variety.

companies, where they have a strong guard the health of the people could part. well-drained soll, nicely suited to not function." wheat growing, then Red Rock is probably the best answer to their Are Public Formulas

question of "What Variety?" Berkeley Rock Promising New Wheat

A variety which promises to rival Red Rock in its established bread been classified by the Chicago Board | market at any price. at the last International.

so stiff strawed as Red Rock but perhaps slightly more winter hardy. Both varieties possess unusual merit in these essential characteristics. In addition to its exceptional quality, Berkeley Rock possesses another characteristic of great worth. Dr. G. H. Coons, plant pathologist at M. WHEAT-The whole grain situa-1 A. C., reports after three years of tion looks to us like "good and betimmune to stinking smut or bunt.

troublesome loose smut, a disease to see wheat sell in Michigan at ing in, controlled only by the difficult hot \$1.50 or better loading point on water treatment. If Berkeley Rock this crop.

continues its apparent disease im-munity or resistance, it will deserve tion even though it is selling at rec- bring better prices than the average nothing mysterious about wheat ______ 107 South Ave. Battle Creek, Mich. munity or resistance, it will deserve tion even though it is selling at rec- bring better prices than the average nothing mysterious about wheat .the most careful consideration by ord prices today, of last year's crop.

wheat, and it is also of no little im- land and the other dissenters on July these calls for support as simply a portance to consider that American 24th. Judge Merriam, in handing part of "our business." Of course, belt all but a few of the local asso-I fully believe we should be inter- ciations have signed up 50 per cent five prizes on soft white winter wheat "Administrative officials must on ested enough afterward to watch or more of the acreage grown in the awarded at the last two International occasion perform duties which affect that things were operated as effici- various communities. At Central private property and its possession. ently as possible. It is the abuse of their authority

Lake the sign-up was nearly 100 We must remember that we prob- per cent. At Mesick, Phelps, and ably are losing far more than these Ellsworth 80 per cent or more of the "Entrance upon private property investments every month by failing acreage was secured. Kingsley sewinter wheat ever developed, and and investigation of private property to know if our cows are paying a cured between 80 and 85 per cent the variety that holds practically all are constantly being made to deter- dividend above their keep or by dis- of the normal acreage and at Charlecouraging use of the best of seeds voix more than 90 per cent was Rock. Year by year it has stood whether articles of food carry di- for the crops we grow-there are pledged to the association. The campaign for members is now

every day manner of conducting our Montcalm territory. At the present "All this is done under a legisla- own private individual business. But rate the minimum acreage for the

tive warrant and without judicial there are many things that must be state should be secured by the first Where growers are supplying warrant. If judicial process were re- done in a co-operative way if done of November. A complete report of wheat to local bread flour mills, or quired in each case it is clear that at all and we should be loyal enough the work of the organization departspecial starch and gluten products the state agencies created to safe- to our job to be willing to do our ment will be made at the annual meeting of the Exchange at Cadil-

Smooth Interests At Work Just now there seems to be an

agitation to discourage anybody holding stock along certain lines. GREAT FIREWORKS **Responsible For This?** co-operative and other legitimate

lines that temporarily may be in the Second hand bag dealers report "dumps." Letters and cards are freflour field is the new Berkeley Rock that the material collected from the quently received by such stockholdwheat, progeny of an M. A. C. cross cleaning of used bags, which until ers with offers to buy stock at a listbetween Red Rock and Genesee Berk- recently was readily salable to mill- ed price and the prices given are ineley. While showing its hybrid ing concerns for use in ready mixed deed discouraging to the individual

characteristics, Berkeley Rock has dairy rations, now has practically no that bought this stock with glowing Fair in Detroit, August 29 to Sep- Prod. Co-op. Com. Ass'n expectations of success. Too often tember tember 7. They are "Tokyo-Through Earthquake and Fire," and "The Founding of Detroit." of Trade as a hard red winter wheat One of the effects of the farmer these same stockholders trade and Michigan samples were good going into the feed business on a their holdings for some other stock. enough to place well up in this class quality basis seems to be that of forc- frequently that of some far away These productions are so big, and necessarily so costly, the program must be divided between them. The

the last International. It is a bearded wheat, not quite raise the quality of their products. My advice would be to ask your-



specially for the Seventy-Fifth State Fair, will tell the story in fireworks OATS AND RYE will be forced of the old Fort Ponchartrain days, the battles between the French and to follow in sympathy with other English and Indians for the vantage trials that this variety is essentially ter times ahead." We are selling BEA rains. BEANS—The bean situation in greatest cities of the world.

In tests where the seed was saturat- wheat today practically in the midst Michigan for the past 2 weeks has "Tokyo" will show in lines of fire ed with bunt spores only an occa- of our harvest at 30 to 35 cents per been on the decline. This is undoubt- against a black sky the scenes of sional smutted head of Berkeley bushel over last year's prices and edly due to the heavy amount of rain-Rock appeared while other varieties and the opinion that there mut fall throughout the state generally. The falling buildings, the lightning similarly treated showed an infection of 50 to 70 per cent. bushel over last years prices and these will be about the lowest on this crop, un-

Inspectors for the Michigan Crop less conditions in the Canadian market their beans. The growing Improvement Association have also Northwest develop a whole lot for crop throughout the state is very reported unusual freedom from the the better. We would not be surprised spotted. Bad reports are still com- wheat is bound to produce the very

Robert W. Bingham, Kentucky.

In the northern part of the potato SERVICE to shippers. Officiency in operation.

Refund of profits. Volume decreases expenses. Interest in farmers' problems.

Country wide organization.

Conomical marketing.

This platform is lived up to Treating shippers right has give en the producers co-op sales of fices the largest business on ev ery market. For the six months ending June 30, 1924, these agencies throughout the U. S have set aside \$400,000 in savings for return to local ass'ns. Buffalo and Detroit are doing their share of this work. Better prices, better treatment have brought this success. Ship

Mich. Livestock Exch. at Detroit at East Buffalo

Attention!

Mr. Monument Buyer



Professor F. B. Morrison of the Animal Husbandry Department of the University of Wisconsin saw the need of such information. After a number of years experimenting with hundreds of animals he was able to give us figures on the food requirements of our different farm animals. These figures have become the standard of farmers and dairymen throughout the world.

Professor Morrison found that a dairy cow weighing 1,000 lbs. needs 7.9 lbs. of digestible nutrients every day, of which .7 lbs. should be digestible crude protein, in order to keep her body in the same condition and not lose any weight.

He also found that in order to give 30 pounds of 4% milk she must have an additional 9.9 lbs. of digestible nutrients, including 1.8 lbs. of protein.

Putting this together we find that a 1,000 lb. cow giving 30 lbs. of 4% milk daily needs 17.8 lbs. of digestible nutrients including 2.5 lbs. of protein.

MILKMAKER A SCIENTIFIC FEED

Michigan Milkmaker 24% protein dairy ration was developed by the Michigan State Farm Bureau along the same lines of scientific study. This truth-in-feeds, public formula dairy feed is built to secure more economical production and to keep the animals in high condition and good health. In addition, thousands of feeders have found that it materially increases milk flow. Milkmaker is a combination of the choicest feeding stuffs and contains the correct proteins for economical milk production.

Four parts of Milkmaker and one part of oats (or corn or barley) as the concentrate or grain ration and good clover or alfalfa hay and ensilage as the roughage and succulent feed gives us an excellent dairy ration.

When feeding Milkmaker to the 30 lb. cow mentioned above, one pound of the above grain ration to 4 lbs. of milk furnishes the cow with enough digestible nutrients to supplement the roughage and succulent feed; therefore, this 30 lb. cow needs 71/2 lbs. of the above Milkmaker and oats combination. In most cases Milkmaker would give this 30 lbs. cow what she needs to increase her production.

260 co-operative ass'ns handle Michigan Milkmaker. Your manager can supply you. For information write,



have the sky.

lac, August 20-21.

Detroit, August 14 .- Two of the

greatest fireworks spectacles ever

Saturday and Sunday, "The Found-ing of Detroit" will be shown and

the remaining nights "Tokyo" will

The "Founding of Detroit" made

No Mystery

Co-operative marketing applied to

ing in, Sizing up the whole situation for the U.S. we can see no reason why plied to cotton, tobacco, fruit and Markers. Highest qual-tity; lowest prices.

irst three nights of the fair, Friday.

AT DETROIT FAIR