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ONE YEAR \$1.00 FIVE YEARS \$3.00



## Prosperity and a Better Community

BIG BANK accounts and empty lives do not make up the ideal reward toward which we should work in our business of farming; nor should we entirely forget the economic side to devote full attention to social problems. In fact neither of these lines of effort can go ahead at full speed without the other. They should both have attention. Team work is required. There is need to do all the things necessary to make agriculture prosperous for the average family and at the same time each member of every family should have all the stimuli to think-

ing and achieving that come from mingling with other people in school, in church, in community organizations and in reading. Just now the great business of farming is rapidly changing and we are quite likely to suffer from its transitory character, so it behooves us to watch and maintain a true balance between our efforts for gain and the development of a love for farm life—between work and ideals, between business and home life, between financial prosperity and a better community in which to live.

### The Michigan Farmer Published Weekly Established 1843 Copyright 1920

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DETROIT, SEPTEMBER 18, 1920

### CURRENT COMMENT

State vs. **Federal** Regulation

NUMBER TWELVE

rights promises to once again become tory crop under the favorable weather an important issue. Under the estab- conditions which have prevailed over lished order the control of interstate the greater portion of our state where railroad rates lies with the federal potatoes are made an important cash government and its interstate com- crop. Potato diseases have thrived merce commission, while the control more generally because of the use of of intrastate rates rests with the vari-weak as well as infected seed, and are ous state governments and their re- to be found in greater profusion in spective railroad or public utilities most fields than is ordinarily the case commissions.

a movement on the part of the rail- for next year's crop at digging time, son. The yield is disappointing, and roads to create sentiment favoring this condition is likely to be still more federal control of all railroad rates as aggravated next year than it is this, a means to the end of bettering trans- since some of the diseases which are portation conditions. This movement most prevalent this year are of a protransportation conditions and needs gravated form, which further cuts of grain dealers is 1,428,000 bushels. are not uniform. The issue is now down the yield in successive years. recent advances in freight and pas-during recent weeks has convinced pared with 36,875,000 bushels raised senger rates allowed by the federal the editor of The Michigan Farmer last year. The volume of the crop ex-

In their extremity the roads have more prevalent in Michigan potato in many cases construed this to apply fields than many of their owners recounties where those standing in the sion of Congress.—Representatives of shock were discolored by heavy rains, various interests meet in Chicago to business. Some of the states have expressed the belief that their seed had been apathetic, while some have been in some way become mixed, although lower than last month. While the crop country active in their opposition to this prop- they did not understand how, owing to in general is in excellent condition osition. Recently a conference of rep- the different appearance of the foliage and promises a large yield, late blight resentatives from sixteen states in the of many hills, a difference really due has made its appearance in a number latter class was held in Chicago, and to the presence of leaf roll, or some of counties, and the extent to which plans were perfected to defend state similar disease which may not be suf- the crop will be injured by it is not gress for a minimum wage of \$1,080 rights in rate making. The Michigan ficiently developed to greatly reduce yet known. The condition of rights in rate making. The Michigan ficiently developed to greatly reduce yet known. The condition of 91 per per year.—Seven persons were killed utilities commission and the Attorney- the yield this year, but which renders cent is 22 per cent better than one and one seriously injured at Tarry-General's department were represent the tubers produced of very doubtful year ago and 18 per cent better than town, which ed. In the meantime, Michigan roads value as seed for next year's planting. the ten-year average. A report from through a railing during a thunder-have been notified by the former body

In every case where these abnormal that after September 1, last, they conditions prevail, it would be time

that after September 1, last, they conditions prevail, it would be time

which they were riding crashed through a railing during a thunder-than after september 1 a record attendance of \$25,000.—Michigan Socialists meet at would be subject to the penalties pro- very profitably spent for the grower in Aroostook County. vided by law if they failed to follow to go through his field when the tubers

portation act passed by Congress last evidence of disease it will pay equally great. The crop is ripening and har in Mesopotamia.—Asia Minor pil-february will doubtless be made the well to continue this hill selection vesting is general in many sections. Forty day march from Kirazli to Issubject of litigation in the state and until enough seed has been secured to The present outlook is for a crop of mid, Asia Minor, through starvation federal courts and may in the end plant next year's commercial crop. 3,440,000 bushels. again make this old question a public This plan will be just as cheap and issue in case the broad construction of far safer than to depend on purchasfederal authority is supported by the ing new seed stock next year, provided

tially developed state like ours, local hills, probably to a degree which will cent above the ten-year average.

control of public utilities is doubly repay the extra cost of this hill selections are compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections tion and return a handsome profit become as compared with sections to the compared with the compared wi The Lawrence Publishing Co. which are fully developed, including sides. transportation facilities.

> Save Seed Potatoes Now

T IS a matter for congratulation to Michigan potato growers that there is an excellent prospect if not a practical assur-

ance of a good crop of tubers in practically all sections of the state. This is an even greater cause for congratulation than would be the case under normal conditions, since in addition to the other handicaps, such as shortage of labor and fertilizers, there was also a shortage of good seed last spring, and a much poorer average grade of seed was necessarily used in planting the crop than is usual under normal conditions.

The fact that such an apparently good crop has been produced from very inferior seed in many cases gives rise to the danger that many growers may reach the erroneous conclusion that it will not pay to use extra care in the saving or selection of seed for N THE matter of next year's planting. But as a matter the rehabilitation of fact, it is all the more necessary to of the railroads of the use more than ordinary care in the following selection of seed for next year in the their return by the many cases where inferior seed was pri- used this year, even though this seed vate control, the old question of state may have produced a fairly satisfacwhen good seed is used, and unless

sharply drawn in several states, in- Extended travel over the state and at harvest time forecasts a total procluding Michigan, as a result of the the inspection of many potato fields In their extremity the roads have more prevalent in Michigan potato is very good, except in some eastern to intrastate as well as interstate alize. In several cases growers have shock were discolored by heavy rains.

far safer than to depend on purchasing new seed stock next year, provided the variety is satisfactory, since the variety is satisfactory, since the

The old adage that "One swallow doesn't make a summer," applies in eties promise well, and the quality this case. The fact that Michigan has very good except in some of the northproduced a good crop of potatoes largely from poor seed does not mean early apples and the market is very that careful seed selection is unprofit-'dull able. It makes it more imperative this year.

### Michigan Crops Excellent

THE conditions of all crops, except the past month and yet to be harvested, is well above the ten-year average. Weather conditions have been generally favorable and the excellent prospects of August 1 have been maintained throughout the past month for nearly all crops. Abnormally large yields of oats are being reported, and the prospects for potatoes, sugar beets and truck and fruit crops are especially good, according to the September 1 crop report for Michigan, prepared jointly by Verne H. Church, Agricullegation.—Americans open a food butural Statistician, U. S. Bureau of Crop reau in Berlin.—The impression is Estimates, and Coleman C. Vaughan, gaining that the unrest in Italy is not due to Bolshevist propaganda.

Corn-If no severe frost occurs within two weeks, Michigan is assured of THE government orders an investition is good except in a few southwestern counties where a severe drought has prevailed since early in the season. The outlook is for a crop of 60,which will undoubtedly go into silos. The percentage of condition is one point above last year, and 12 per cent P RESIDENT-ELECT OBREGON of above the ten-year average.

Wheat-The spring wheat prospects During recent years there has been care is taken in the selection of seed are much lower than early in the seathe grain is badly shrunken. The estimated production is only 540,000 bushels.

The amount of wheat marketed at has been vigorously opposed by some gressive type which are carried over mills and elevators in the State dur- signals as coming from Mars. states, particularly by those whose in the seed and appear in a more ag- ing August, estimated from the reports

> Oats-The condition of 93 per cent duction of 54,464,000 bushels as comthat some of these diseases are much ceeded expectations, and the quality

> > Potatoes—The condition is one point

Beans-Beans have declined from 90 the 1919 Michigan law which fixed are approaching maturity and before to 84 per cent in condition during the passenger fares for most companies in the frost has blackened the foliage, past month, mainly as the result of this state at two and one-half cents and dig at least a sufficient number of an attack of bacterial blight which is Poles and Russia must be brought to per mile.

The apparent conflict between this seed for a seed broadly and before to 84 per cent in condition during the RENCH and Italian premiers declarate that the war between the perfect, disease-free hills to provide quite prevalent in the Saginaw Valley an early end.—Roumania asks that The apparent conflict between this seed for a seed-breeding plot next and some other localities. Anthracose stored.—The biennial state election is legislation and the construction which year, and where there is any consider- has also made its appearance but it is being held in Maine.—The British govhas been placed on the federal trans- able proportion of hills which show thought the damage by it will not be ernment will reinforce her troops now

Stock Hogs-An inquiry develops

this crop is considered as commercial. or 2,165,000 barrels. Nearly all variwestern counties, where scab is quite prevalent. There is a large supply of

The peach crop is generally good, and promises a production of 1,360,000 bushels. This is 80 per cent of a full crop. The quality is 91 per cent.

Pears also show an 80 per cent con-

dition, which is equivalent to 880,000 bushels. The crop varies considerably bushels. The crop varies considerably in different localities and orchards.

The outlook for grapes is exceptionally good, being 94 per cent of a full crop as compared with a ten-year average of 78 per cent. The quality is excellent.

### News of the Week

Wednesday, Sept. 8.

HE American Congressional committee is welcomed by the Japan-at Tokio.—Germany sends Dr. Fuehr, head of the German propagan-da bureau in the United States during the war, to Mexico as councillor to the

Thursday, Sept. 9.

another good corn crop. It is earing intra-state and inter-state passenger well in most sections, and the condicharges in New York.—The federal government sends men to end the anthracite strike in Pennsylvania if possible.—Cuba places a ban on the importation of rice.—Canadian freight rates are advanced forty per cent in the castern and thirther are continuous. 258,000 bushels, about 40 per cent of the eastern and thirty-five per cent in the western provinces.

Friday, Sept. 10.

Mexico declares prohibition and woman country.—War suffrage that Trotsky of Russia instructs his southern army that General Wran-gel's forces must be destroyed at all costs.—The English government is of-fering forty former German liners for A secret treaty is being entered into by Italy and Austria.—A German scientist reports that he has identified

Saturday, Sept. 11.

CCORDING to the Geological sur-A vey, the output of gold and silver in the United States is steadily decreasing.—President Wilson refuses to reopen the wage award recently made by the anthracite coal commission.

Data is being collected by both the
Republican and Democratic parties for the purpose of establishing new inconfer on plans for financing the greatest corn crop in the history and on promoting the live stock industry

Sunday, Sept. 12.

OF sixty-two Italian towns damaged red at Tarry-automobile in town, N. Y., when an which they were ri 325,000.--Michigan Socialists meet at Pontiac to nominate state officers.

Monday, Sept. 13.

Tuesday, Sept. 14.

THE American Woolen Mills Co. resumes operations at Lawrence, federal authority is supported by the ing new seed stock next year, provided the variety is satisfactory, since the while there are two sides to this grower can, in this way, be more cerquestion in its broad sense, it is a mattain of a supply of disease free seed.

The courte four per cent less than one year ago. The estimated number is 1,214,000. Wool—The total production of wool—Maine elections indicate a majority of 60,000 for Parkhurst, the Republican ter for congratulation that Michigan's At the same time, the prospect of a commission will fight to maintain state good yield next year will be increased control of state rates, since to a par- by the selection of seed from the best ter than one year ago, and five per ence held at Hazelton, Pa.



## Cooperation and California Farmers

ENTLEMEN, this is what co-op-other features combined to develop the able. Prices received were so far be-being "small" only in comparison with tive activity. The dark green of the who till the soil. orange orchards gave way now and then to the lighter green foliage of the lemons, a color scheme that was broken occasionally by the yellow-green of Elberta peaches. Away in the background, perhaps eight or ten miles away, were vast fields of beans. Up to the valley to our right stood a forest of walnut trees. A dozen miles ahead was the Pacific Ocean, behind us the Santa Ana Mountains. If there was a lazy acre anywhere between, we could not discover it.

Co-operation Built the Industry.

"Not so many years ago this was all desert," continued the speaker, J. A. Campbell, president of the Orange County (Calif.) Citrus Growers' Ex-"The pioneers began growing oranges and the other fruits that are adapted to our conditions. It was hard to get a good market for the crops produced. Seldom did they get a fair price-more often they receive only enough to eke out a miserable existence. Out of those intolerable conditions there grew up a system of cooperative marketing which not only brought fair returns to the fruit growers, but it built an industry. The uncertain returns of pioneer days gave way to a situation which seemed almost to guarantee the future. The result has been a tremendous increase in the area devoted to citrus fruits, and as fast as co-operative marketing has been applied to other products those industries also began to prosper. Co-operation has rescued California agriculture from the depths of despair and placed it upon a business basis which has been accompanied by a fair degree of prosperity."

was repeated to me by dozens, yes a the state. hundred times, by people in all parts of California during the next two privilege of existence; their shoulders world. straightened and their eyes brightened

### Farming on Business Basis.

erative marketing has done for industry of agriculture in California. low the cost of production that orange the gigantic size of the Big Three.

traitors from within. The speculative interests, always the enemies of stabilhand in California are the bleached ing the next 12 months will probably lar industry. bones of co-operative enterprises, yet exceed \$60,000,000. This organization co-operation has never permanently came into existence in 1913 because of lost ground in its 40 years of existence the fact that practically all of the these enterprises in California, it there, but has made steady and con- profits in the raisin business for years

### Saved the Raisin Industry.

sistent gains. The growth of the co- before had gone into speculators'

California." The speaker's words By putting farming upon a basis where groves were abandoned wholesale and They include associations which mardirected our thoughts to the valley be- it pays dividends, it has taken a long many growers were bankrupt. By ket beans, almonds, berries, peaches, low, where every acre seemed to be step toward solving the questions eliminating speculators and reducing pears, honey, canned goods, dairy outdoing every other acre in produc- which press the hardest upon those distributing costs, this organization has products, eggs, and various other prodbeen able to secure prices for oranges ucts of the farm. It is interesting to The path of co-operation in Califor- and lemons that are well above the note that every one of these associania has not been an easy one. Its path cost of production at least five years tions were forced into existence behas been covered with thorns and out of six, and the thriving condition cause of the fact that these products strewn with stones. It has been at- of the industry is a monument to the were usually produced at a loss. The tacked by enemies from without and effective work done by the exchange, producers were literally forced to organize to keep out of the poorhouses. The second largest co-operative mar- They have succeeded, often beyond the ized prices for farm products, have keting association in California is the fondest dreams of those who backed entrenched themselves behind millions California Associated Raisin Company, them faithfully, and practically all of while they have resisted the advance which last year handled over \$38,000,- them now market two-thirds or more of the co-operative idea. Upon every 000 of raisins and whose business dur- of the crop of the state in its particu-

### Four Fundamental Principles.

seems to me that here are four fundamental things of outstanding importance in practically every one of these co-operative marketing enterprises. These are:

1. These marketing associations are organized by commodity, and not by locality. Peach growers and orange growers and bean growers may live in the same community, but they market their product through different co-operative associations. One man may sell different crops through three or four different commodity associations. All leaders in co-operative work in California, no matter how much they differ on other points, are agreed that this is an absolute essential.

2. The associations have an absolute binding contract with every producer who belongs, requiring him to market all his produce through the association over a period of years. California co-operative organization would no more think of starting now without this provision than it would operative idea is a tribute to the cour- pockets, and the industry was on the of leaving its safe unlocked at night.

> 3. Crops are handled on the pool basis, thereby giving every producer The California Prune and Apricot the same price for the same quality

bers and markets over 70 per cent of stock and operate on the non-profit The largest and best-known co-oper- the prunes and apricots produced in plan. Most of the California co-oper-

In subsequent articles, I will discuss the story of the development of cer-

THIS article, giving a general survey of what co-operation has done for the farmers of California, is the first of a series of articles by H. Steen, who is in California with a committee of seventeen selected by President Howard of the American Farm Bureau Federation to study the experiences of farmers in co-operation. These articles will deal with the various phases of co-operation as they have been worked out by western farmers during the past quarter of a century under unusually trying conditions but with a success that is little short of marvelous. After the reader has finished the accompanying survey of the benefits derived through co-operation by these rugged western tillers of the soil, he will be interested in the nine other stories to follow in succeeding

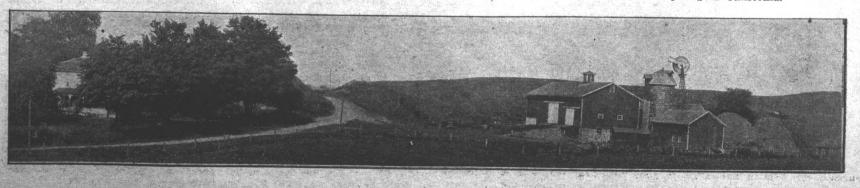
Since this study is made preliminary to the launching of a great national grain marketing exchange, and since these articles are published to inform the readers on what has already been accomplished along similar lines, it is suggested that committees on programs for farmers' gatherings use the substance of these articles in planning schedules for the coming season,

This same story in different words age and convictions of the farmers of decline. The raisin company markets The wisdom of years of experience in

weeks after Campbell painted out from year marketed approximately \$225,- binds raisin producers to sell their the crest of Skyline Drive what co- 000,000 worth of farm products in Cali- product through the organization. operative marketing had done for the fornia. This is 45 per cent of the total Santa Ana Valley. I heard it in the farm production of the state. In other Growers, Inc., is the third and young- product, no matter when sold. This raisin vineyards around Fresno, in the words, out of every \$100 worth of stuff est of the Big Three of California co-rule, with little variation, is in effect poultry yards of Petaluma, in the rice sold from California soil, \$45 has been operative marketing agencies. It be- in practically every co-operative orfields of the Sacramento Valley, and handled through co-operative market- gan operations in 1917 and its organ- ganization in California. It is the basis in the Santa Clara prune orchards, ing associations. It is the high-water ization resulted from almost identical- of true co-operation, and the wisdom Farmers told me stories of the old mark in co-operation in America thus ly the same conditions which forced and fairness of this provision have days when they and their families far, and is probably excelled only in the raisin and orange growers to or- been proven through the years. worked long, weary hours just for the Denmark and New Zealand in all the ganize. It now has over 8,000 mem- 4. Organizations are without capital

as they spoke of the square deal in ative marketing enterprise in Califor- California. The general effects upon ative associations are operating under business and the happiness in life that nia is the California Fruit Growers' the industry have been almost exactly the non-profit plan with no capital has been brought them through co- Exchange. It markets 74 per cent of the same as with other organizations stock, and the others are rapidly changthe citrus fruit-oranges, lemons, and -prices have been stabilized and farm- ing to this plan or are endeavoring to grape-fruit-produced in California, ers given a fair price for their prod- do so. Co-operative marketing has been and during the past 12 months the ucts, speculators have been eliminated, weighed in the balance by the farmers volume of business handled was in ex- the industry has been stimulated and these principles in detail, and in tellof California and not found wanting. cess of \$57,000,000. It was formed in largely increased production has re- ing how they were arrived at will tell Excepting alone the perfection of mod- 1895 by the orange growers around Los sulted. methods, co-operative Angeles because conditions governing The smaller marketing organizations tain of the important co-operative enmarketing has done far more than all the sale of fruit had become intoler- are about 30 in number, some of them terprises in California.

87 per cent of the raisin crop of Cali- co-operation in California has burned Handled \$225,000,000 Co-operatively. fornia, this being tied up over a period the necessity of this provision into the Farmers' co-operative companies last of years by an ironclad contract which very soul of co-operative enterprises.



## The Activities of

The Calhoun County Farm Bureau Activities Field of Service, with Emphasis on



The Farm Residence of Elmer E. Ball, near Albion

showing in several branches of agri- tral, and still stands near the corner ance in making the County Farm Bufarmers maintaining normal produc- ality and work together. tion of various crops and products in ing as much of the work as possible along the roads. pansion in food production.

Calhoun county is not lacking in romance of farmer organization. She has V ISITING among the members of tried various brands of co-operation, and her farmers have come to see the found A. J. Flint, the president, living importance of supporting such under- on a splendid 160-acre farm on the takings financially. A country-wide Tekonsha-Homer road, five miles from awakening has come. A new recon- Homer. He is a progressive and sucstruction agency, The County Farm cessful farmer, and takes special pride county agriculture. She has every nat- for the success of the organization. ural advantage and enough competent visited many of them.

tury. There is no call for giving up farm practice. Farmers' Clubs, and so forth, and these tary, owns and operates basis.

around Marengo organized an associa- Success oats show up especially well;

tain special crops and products of enor- The money was raised to build a ship- eties. mous money value, but certain it is ping house. This building was eventuthat few counties are making a better ally purchased by the Michigan Cen- farmer who has been of great assistculture. Diversification is the secret of of Jefferson and Winter streets. In reau a success in his community. He success on Calhoun county farms. The 1874 the Battle Creek Grange had a is always ready to take the lead in farmers have tried practically every- store that did fairly well for some the work in his district and can be thing and the types of farming now in time. But the reason why co-opera- depended upon to keep others interpractice are the ones that have stood tion failed at that time was because ested. Mr. King has always been active the test. It is because of this fact the people were not ready for it. They in co-operative work. that one finds so many determined were not ready to drop their individu-

The writer spent a portion of three face of the present shortage of farm days riding over the townships of the labor. It also explains how they are county with Agricultural Agent Paul C. making as good a labor-income from Jamieson. It was quite some ride to their farms as the farmers of any cover all of these townships and take other county in the state—they are do-notes here and there as we passed ing as much of the work as possible along the roads. And, "Oh Sweet themselves in accordance with a well- Mamma," how that car does shimmy defined program. This is the only way when one tries to take notes on the that farmers of today can successfully fly. So conscientious is Paul that he meet the nation-wide labor problem, has removed the speedometer from which precludes any spectacular ex- his car so that he won't know when he exceeds the forty mile speed limit.

the Executive Committee we

that presages greater success than all a practical, progressive farmer, an immense sandstone and during the active part in extension work among the efforts of the various farmers' or active member of the Grange, and one ganizations of the preceding half-cen- of the leaders for better farm life and

other ways and means of the Grange, Elmer E. Ball, the efficient secrewonderfully successful organizations 160 acre farm that lies almost exactly should keep on with their good work, in the center of Albion township. Mr. and thousands of other farmers and Ball was a member of the executive their families should join them in their committee of the County Farm Bureau efforts. But every mother's son should for the last two years and has done support the County Farm Bureau in its everything within his power to make efforts to put farming on a profitable it a success. He is an enthusiastic alfalfa and fruit grower. Mrs. Ball, It may interest many readers to who assists her husband with his corknow that one of the first attempts respondence and bookkeeping, has a made by farmers to control local buy- flock of White Leghorn hens which reing and selling was made in Marengo turned a profit of more than \$600 last township, Calhoun county, in 1866. By year. Mr. Ball is carrying out an oat unanimity of action a group of them and barley test this year. The College

ALHOUN county contains some tion to control the transportation of and the Wisconsin barley shows a of the best farms in Michigan, their products, reduce prices of sup-marked superiority over the black Other counties may boast of cer- plies, and secure other advantages, beardless and Michigan two-row vari-

F. H. King is a Homer township

Gardner W. Smith is one of the pioneer farmer families of Marengo



Mr. Garratt Loves Good Birds.

Bureau, is now working night and day in his herd of pure bred Duroc Jersey township. He is known far and wide new county organization. Paul C. Jato correlate the other agencies and swine. He is rapidly working into as a practical and progressive farmer mieson, who succeeded Mr. More as erect a county platform which will re- registered livestock. Mr. Flint is a and livestock breeder. For years he County Agricultural Agent in April, place the old structures and stand as good business head for the County has been interested in breeding pure 1919, has made an excellent record a cornerstone of a progressive Calhoun Farm Bureau and an untiring worker bred Shorthorn cattle. It is possible since he has had charge of the work. that the oldest co-operative flour mill Mr. Jamieson is a Wayne county boy F. B. Garratt, Vice-President, owns in the state is standing on the Smith and one of the youngest in Doctor leaders to contribute to this achieve and operates an excellent farm of farm. The mill is in nearly as good Mumford's family of county agents. ment. Her farms are productive, her nearly 200 acres in Pennfield township, condition as when it was first used, After graduating from the Wayne High farmers are good, and the writer has three miles from Battle Creek. The which was several years before La School, he completed the regular four farm borders on the river and is one Salle and Pere Marquette got into the year course at the M. A. C., where he of the most productive in the district. northern part of Michigan. Part of the specialized in poultry, farm crops and

early history of the state Indians used the hole in the stone for a mill to grind corn.

J. F. Carnes is a successful farmer of Newton township. Mr. Carnes is a grower of pedigreed grains, and a booster for marl and legumes. He has covered his whole farm with heavy applications of marl, and has gotten out enough material so that his neighbors are using it. He has also developed several methods of getting out marl which save considerable labor and team work. His farm is located four miles southwest of Ceresco and contains about 100 acres. It is due largely to Mr. Carnes' efforts that Rosen rye has been so successful in his district. The farmers in this district will have about 12,000 bushels of inspected Rosen rye seed for sale this fall. Mr. Carnes owns a seed cleaning outfit which the whole community uses. He is an enthusiastic member of the educational committee of the County Farm Bureau and has been one of County Agent Jamieson's right hand men in developing a successful educational program.

Elon D. Bushnell is a leading farmer of Leroy township and has been supervisor for several terms. He is taking an active part in the County Farm Bureau and has done much to make his township one of the leading ones in the work. Always interested in cooperative work, he is now busy getting the farmers lined up for a co-operative elevator in East Leroy.

Guy Lininger is a successful farmer of Clarence township, and is one of the most active Farm Bureau workers in that part of the county. He has served as supervisor for a number of terms and is accustomed to handle any work that may fall on him in connection with the County Farm Bureau. He has been called upon to help other counties organize their co-operative

THE foundation of successful County Farm Bureau work in Calhoun county was laid by Burnie More in 1917-18. The community organizations built up during this period have been of great assistance in developing the

In this year of 1920 co-operation It is well equipped with two sets of machinery, the pestle, has been miss-soils. While teaching agriculture in among farmers has reached a stage substantial buildings. Mr. Garratt is ing for a long time. The mill is an the Albion High School he took an



Enthusiastic Club Members Judging Stock.

# Our County Farm Bureaus

Under the Leadership of Mr. Jamieson, Cover a Broad the Building of Strong Cooperative Organizations

Stuart Acres; One of the Fine Farms

near Marshall.

the farmers in that vicinity. This led to his selection as County Agent of Calhoun county. Being the youngest man in the state employed in that capacity, there was a hesitancy on the part of farmers to take his efforts seriously. But he went at the work with an ambition to make good and got acquainted with the farmers in every township through a series of poultry culling demonstrations. In this work he was so successful that it brought highly favorable comment throughout the state. It gave the farmers of the county confidence in him and very soon nearly every farmer in the county had met him and confided in him. He is an enthusiastic worker for soil improvement, crop improvement and better livestock. His work shows remarkably good results.

associations. Mr. Jamieson has been actively engaged in this line of work ganization is the Homer Elevator As- At Tekonsha the Co-operative Com- has elected its board of directors and ization. In this work he was assisted \$200,000 worth of business. It is now taken an active part in the farm bu- Streeter, C. J. Grill, E. B. Hollenbeck, by Thomas Buell of Union City. All of affiliated with the State Farm Bureau reau campaign. Some readers will re- H. G. Van Fossen, David Kenyon, Silas county are working in harmony and the majority have signified their intention of joining with the Michigan State Farm Bureau and availing themselves of the greater service at an early date.

O NE of the leading co-operative organizations in the state is located at Albion. The Albion association has done about \$400,000 worth of business during the past year. In three years' time the Albion Association has grown from a small organization with 80 members to one with 250, and is now capitalized at \$60,000. It has one of the most complete plants in the state and owns all of the real estate occupied by its buildings and yards. It has recently purchased and is operating branch elevators at Eckford and Marengo. The business is being managed by Bert Ellis and James Richards. which own and operate more than one Sabin, respectively. elevator. At the start Marengo and

No county is doing more to develop is one of the strongest organizations Dibble, president, Homer Cluts, man- strong association will be ready for

Another successful co-operative or of business last year.



From G. T. Fuller's Herd.

separately; but the Albion officers de- County Farm Bureau in every way organizations. The following men are striking out for itself. In nearly every sired to welcome them into their or possible. While this organization is members of the board of directors: district the work is being successfully ganization. As a result, they are now not strictly co-operative, nearly all of William Fruin, president; Howell conducted along lines best adapted to working in perfect harmony and get its shareholders are farmers, and its Sandford, vice-president; F. B. Garthe types of farming most common. ting many advantages which otherwise officers are handling the business on a ratt, secretary-treasurer; W. would have been impossible to secure. narrow margin, so that the members Sprague, William Pierce, Frank Parthe Albion Fig Club, which was fin-

and organize new local co-operative now affiliated with that organization. ager. The company did \$300,000 worth business this fall.

since the membership drive which sociation. This association has been pany is working in direct harmony will soon begin business. The followbrought nearly 2,400 members into in business about one year and during with the County Farm Bureau. Bert ing men are now responsible for the the new County Farm Bureau organ- that period has handled more than Shedd, the president and manager, has success of the organization: Louis the co-operative organizations in the Exchange. The president and secre- member Bert Shedd because of his Kline and Mr. Wisner. The first directhat ever represented M. A. C. Bert preparations will be made to take in is not only a competent co-operative the more than ten thousand dollars manager, but he is a good farmer. He now subscribed to purchase property is now operating a fine farm near Te- for conducting the business. Several to more than \$250,000. Wm. Durham organization a success. All of the new

> A MONG the new organizations that reau Elevator Exchange. are ready for business are the up a bankable collateral note for one is president of the association. hundred dollars which will finance the association to the extent of about fifty C ALHOUN county has a fine record thousand dollars on the start. It will C for Boys' and Girls' Club work. buildings suitable for the association's

The East Leroy Farm Bureau Asso- stay on the farm. Carl Reasoner, directors. The board is his father's farm. that the organization work will be last fall by these young and interested completed successfully and another

The Athens Co-operative Association being captain of the best football team tors' meeting will be held soon, and konsha. Last year's business handled members have offered to double their by the Tekonsho Association amounted subscriptions if necessary to make the is president and Bert Shedd manager. organizations have signified their intention of joining the State Farm Bu-

Among the successful Live Stock Battle Creek Farm Bureau Association. Shipping Associations in the county we Over two hundred farmers have joined, found that the Albion and Marengo Over twenty-five thousand dollars has Association did a business of more than been raised and each farmer will put \$305,000 the past year. Gardner Smith

begin business well financed and is The new generation is being drilled in sure to make a success. The board of the fundamentals of good farming and directors is made up of seven of the good farm living. The clubs are doing This is one of the few associations tary are George Brockway and C. D. best men in the community. Every one this and they will keep more of this of them is a farm bureau worker, generation on Calhoun county farms At Marshall the Farmers' Elevator which assures the closest kind of co- than ever remained after any past Eckford had made plans to organize Company is co-operating with the operation between the local and state generation had reached the age of

One of the first clubs organized was This association has joined the State get the benefits derived from the or- male, Harry Huggett, directors. The anced by the Albion State Bank. Ray Farm Bureau Elevator Exchange, and ganization. The officers are W. J. money will be paid in soon and the White won the state championship for association will then purchase such Michigan in 1917 with his Duroc Jerproperty as is necessary to carry on a sey sow and ten pigs. He has been grain buying and farm supply busi- one of the most enthusiastic members ness. The board is now negotiating in club work for several years. His several property owners for sow and pigs have won in a number of business. They are also searching for a manager who is qualified to handle course at the M. A. C. and expects to

> ciation is also prepared for business. Elton Ball is another charter mem-the following men have been elected ber of the Albion Pig Club. He has Elton Ball is another charter memdirectors: Albert Hagelshaw, presi- been very successful with his breeddent; Bert Smith, vice-president; E. ing work and is now taking a course at R. Dir, secretary; William Ives, treas- M. A. C. He is deeply interested in urer; O. C. Talmage, E. D. Bushnell, farming and spends his vacations on

> now hustling to secure new members A successful Pig Club was organized in order that the organization may be in Ceresco last summer and 25 pure well financed on the start. About ten bred Poland China and Duroc Jersey thousand dollars has been raised and pigs were purchased for the boys. the collateral note proposition has About forty pure bred pigs were exbeen accepted. There is no doubt but hibited at the Calhoun County Fair

(Continued on page 356.)



Stone Mill Near Morengo Once Used by Indians.

# Bearing the Farmers' Market

Government Sales of Canned Meats and Increased Imports of Food Stuffs, Threaten to Lower Prices for American Farm Products

with the campaign of the War Depart- litical labor movement. ment to reduce the cost of living by pounds of boned beef."

The Daily Digest of Reconstruction News, published by the Reconstruction A NOTHER matter which is engag- population, in spite of the shrinkage exports have as rapidly dwindled. For Research Division of the Council of hing the serious attention of farm- of farm population, has had a decline the first seven months of 1920 we im-National Defense, on August 31, 1920, ers is the decrease in exports and rap- in number of inhabitants in the last ported 22,855,000 pounds of butter, and printed the following information: "Di- idly increasing importation of farm ten years. Some of the smaller cities in July 8,311,000 pounds were imported rector of sales announces that in con- products. A review of foreign trade in the East which are largely depend- and only 576,000 pounds were exportjunction with campaign of War De-shows that "since the beginning of ent upon the farming country for their ed, nearly sixteen to one. partment to reduce cost of living by 1920 the decline in our exports has support are also on the decline. releasing thousands of dollars worth been entirely at the expense of raw of canned meats, Department of Agri- materials. In fact, the outward ship- inetti hopes to solve the farm help report a successful meeting of the culture has issued appeal to American ments of semi-manufactured materials problem, the abandoned farm problem affiliated societies at Columbus, Ohio. housewives to take advantage of these and finished goods during this period and the immigration problem by di-Resolutions were adopted urging Conofferings."

to correct said statement."

It is apparent that someone must have got the wires crossed between the Department of Agriculture and the War Department in regard to this canned meat sale proposition.

VIDENCES are coming to the surelection campaign this fall, and by diligently emphasizing the political power of labor organizations the leaders are able to make a strong impression upon the campaign managers and the candidates for office. So-called "unfair" candidates for Congress and the Senate in all parts of the country have been blacklisted, and efforts are being made to rally the labor rank and file to the support of the "fair" nominees. A determined and widespread effort is being made to organize the women voters whose interests are identified with union labor. Four the rock bottom or bed. The side backed by organized labor and the inches Plumb Plan League, which is making wood used. The cross member should a strenuous appeal to the railroad men's wives and the women employed in railway offices.

President Samuel Gompers of the American Federation of Labor has assailed the proposed amendment to the Nebraska state constitution providing for an industrial commission to pass upon disputes between employers and employes, indicating that organized labor is going to bitterly oppose any

releasing thousands of dollars worth of riving at the port of New York each are bringing to light facts concerning has led the Federal Department of Agcanned meats. With fresh beef selling week, many coming from typhus in the shrinkage in farm population, riculture to issue a statement in which at prices ranging from 40 to 75 cents fected regions, the immigration offi-which are sufficient to cause serious an attempt is made to allay the fears per pound retail, cooked corn beef at cials are urging the necessity of a law alarm. A study of the New York state of those who have been led to believe 25 cents per pound can, wholesale, which will place effective restrictions township census reveals the unwel- that our market for American butter costs about one-fourth of the fresh around immigrants at the port of de- come information that in some of the is being greatly injured by these immeat price on a cooked and boned parture. It is the belief of many stu- best farming districts in the state the portations. "We export more butter basis. Its relative value, as compared dents of the situation that this is a population is little more than one-half than we import," says the Departto fresh beef, such as porterhouse, subject which may well engage the at- what it was forty years ago. Nearly ment. The greatest importation on round and sirloin steaks and chuck tention of farmers' organizations and all the small villages have lost in pop- record was for 1919, when it reached and rib roasts, can be readily seen the farm press. They maintain that ulation, and for the first time the larg- only 9,519,368 pounds; the exports for when it is understood that to produce the present influx of vast numbers of er rural villages show a decline in the same year were 34,556,485 pounds, one pound of canned corn beef it takes foreigners is not only endangering the population as a direct result of the giving a net export of 25,037,117 and one-half public health, but the social welfare of loss of farm population. the republic.

recent issue of the Washington and the farmers are identical," but which will give their products a bet- this country and never dreams of go-"Use more corn beef," urges reports I am receiving do not indicate ter standing in the markets of the ing back to his native land." W. A. Wheeler of the Market Informa- that any considerable number of farm- world and afford them some protection tion Bureau of the Agriculture Depart- ers, outside of a few localities in the from the importation of food products THE frequent arrivals of cargoes of ment, which is working in conjunction Northwest, are being led into the po- produced by the cheap Coolie labor of European butter at our Atlantic

Vermont pounds."

show a progressively increasing ratio verting immigrants now arriving in the When the attention of the Informato to total exports." The Department of United States to the farming districts. tion Bureau of the Department of Ag- Commerce reports present figures In an announcement by the Bureau vegetable oils and other raw commodriculture was called to this matter by showing foodstuffs imported into the of Immigration, Commissioner Camities when their free importation acts the National Grange office, the official United States during the first seven inetti says "the farm labor problem adversely to the interests of American in charge replied: "Regarding your months of this year to the value of is many sided and difficult; but we farm producers; that a practical farmletter in reference to the statement is \$500,000,000 greater than during the ought to find a solution, because many sued by the War Department offering same time last year, while exports of of the immigrants we are now getting organizations be selected as secretary for sale canned meats to housewives foodstuffs showed a decrease of up- are farmers. We are planning to of agriculture and that farmers be recthe statement is not correct wards of a half billion dollars during greatly enlarge the immigration em ognized in the appointment of governand the Department of Agriculture is the same period. When the Tariff ployment bureau. We will take the mental boards and commissions; for going to issue a correction. They are Commission and Congress get down to initiative in directing the immigrant also going to ask the War Department work on tariff revision it is probable into the field of greatest usefulness. Which make it impossible for the forthat American farmers will demand a When the immigrant becomes a suc-

THE following item appeared in a "the interests of the wage workers readjustment of trade laws and rules cessful farm worker he is anchored to

European butter at our Atlantic ports have been the cause of much With from 15,000 to 18,000 aliens ar- The census reports now being issued adverse comment from dairymen. This The market reports show, which, owing to the growth of its however, that since 1919, imports of cities, has always shown a growth of butter have greatly increased while

> Washington representatives of the Commissioner of Immigration Cam- National Board of Farm Organizations gress to revise tariff legislation to include a protective duty on all oriental er acceptable to the federated farm the removal of all discriminations mation of co-operative associations of producers and consumers, and that cooperative marketing organizations of · farmers engaged in interstate commerce be given the same privileges as are enjoyed by private enterprises under similar conditions.

> > The Board went on record as favoring national control over the packers and the enactment of legislation that will prevent the packers and other private corporations from owning or operating rolling stock over the railroads. A protest is voiced against the neglect of the railroads to supply refrigerator cars," as such neglect tends to centralize the distribution of perishable foods, such as meats, butter, fruit, eggs, vegetables, etc., in great private corporations, and makes it inconvenient and generally impossible for farmers' co-operative marketing associations to efficiently market their products, and thus compete with the members of the American Institute of Packers. All this tends to discourage production and widens the gap between producers and consumers. We urge Congressional action which will compel railway companies to supply

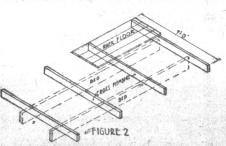
"Through an insidious and apparently very effective campaign directed owner. But in all cases it should be and financed by members of the American Institute of Packers," the resolu-Figure 3 shows the construction of tion reads, "the public mind has been the ends, so that the bundles of corn diverted from what was a year ago an could not slide off. The uprights may evident and determined purpose to combe 2x4 and the end slates 1x4 or 1x6's. pel this great aggregation of commerform of compulsory arbitration of labor always be 2x6 hard wood and well This type of rack works out best with cial interests to submit to reasonable

## Rack for Ensilage Corn

struction of a favorite type of if desired. E VIDENCES are coming to the surface daily that organized labor is rack used in hauling ensilage corn.

FIGURE !

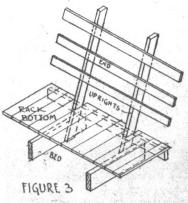
women candidates for Congress are members may be either 2x8 or 2x10



and capital controversies. The farm- bolted with wagon iron, which may be a low steel wheel wagon but may be regulation. If the public mind is furers' votes are being sought by the secured at any hardware store or made used with any type.—HARLEY M. ther confused by the skillful packer labor candidates on the grounds that at the blacksmith shop. The length WARD.

THE illustrations show the con- can be shorter or longer than shown

Figure 2 shows the construction of taking an unusually active part in the Figure 1 shows the construction of the top or rack floor. The cross members should be 2x6 hard wood and well bolted to the rack bed with common bolts so that the two members can be put on and taken off the wagon as separate pieces. The flooring may be square edge or matched to suit the



(Continued on page 344.)

## Feed Market Uncertain

Prices have been Influenced by the Prospects of a Bumper Corn Crop—By Sanders Sosland

the fall and winter market.

stocks among both feeders and on "dollars bears" on corn. markets. The advance of the corn harvest, with the prospects for a heavy THE FUTURE of transportation is movement from the country and consequent abundant supplies, exerts a de-recalled that the serious shortage of pressing influence on the leading feed cars, holding back to a surprising degrain. Corn this year, however, under- gree the marketings from producing went its seasonable declines before sections to terminals and to points of September, so the market movements consumption, was one of the outstandare rather uncertain during the fall ing influences in forcing corn above \$2 season. Whether feeds as a whole will a bushel in the Middle West during reach their low point in September or May and June. Will the car situation pass through the month in a more be as acute on the new crop? In view bullish position is dependent to a great of recent rail developments, including extent upon weather conditions. continuation of weather affording util- passing of the government guarantee ization of pastures well into the fall on transportation, it seems fair to anand the absence of early frosts will ticipate much improvement. The carstimulate a declining tendency of riers are operating more efficiently, prices. But markets would feel in an this being apparent only since the adopposite vein a cold period in the early vanced schedule of freight rates befall with frost over the important feed- came effective. Less delay in loading, ing and grazing sections. And the unloading and general use of cars will character of the weather, it is signifi- tend to increase the available supply. cant to note, will play a vital part in Also, mercantile and other industrial the price fluctuations throughout the needs of cars have slackened considfall, winter and even the early spring erably, this becoming more general as season.

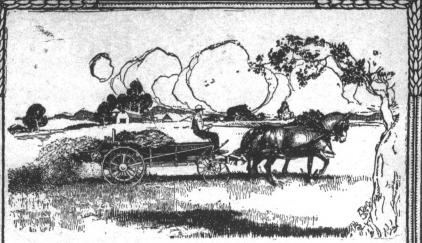
has proven an excellent curb on prices stuffs. Transportation is an essential for the coarse grain. Other feeds have price register and all feeds, as well as been indirectly influenced by the enor- corn, will feel the effect of improved mous harvest of corn in prospect, many car supplies. who would ordinarily have purchased corn supplies almost within reach of only a small demand of a hand-toboth the cash and future markets for cient to absorb the offerings. The vising plant before maturity by frost, ago and can probably produce enough Even at this writing much of the sup- weight on the market to check any port rendered the bullish side is com- broad upward price movements in the ing from operators who believe the immediate future. Cash corn is bringprolonged cool weather recently will ing around \$1.50 a bushel in Chicago. not permit of maturity of the growing crop before frost An early fro and the producers who will have a sur- cember delivery below 70 cents a

N AIR of uncertainty pervades the cember and May deliveries on markets. feedstuffs market. To some ob- Quotations have been forced to a level servers of trade conditions the between \$1.15 and \$1.20 a bushel in greater resistance to bearish pressure Chicago for these distant futures. on prices is considered a reflection of which figures represent a net price to a strengthening undertone and the ap- the producer after freight, handling proach of the low point of values. On charges, commission and other items the other hand, the slight halt to the are deducted of hardly more than 90 downward trend of prices for many cents a bushel and considerably less feeds and the rebound in some com- in many important producing sections. modities are described by many as a It is a serious question in my mind breathing spell and a technical devel- whether the producer will sell at this opment in favor of a further sharp set- figure. The reluctance of the grower back. The latter element is possibly to part with wheat above \$2 a bushel in the majority, but there are argu- net is a vital price swaying force on ments in favor of some advances in markets at the present time, and it is quite probable he will be unwilling to September is often a low month for sell corn at half the price of wheat. feedstuffs prices, except of course, dur- Of course, corn is produced to be eithing periods of drouth or other abnor- er consumed at home or sold on marmal conditions. The use of pastures ket and ultimately disappears, but throughout the summer season effects whether the farmer will withhold his a reduction in the demand for feeds stocks from consuming channels long on markets and the opening of Septem- enough to advance the price is the ber usually witnesses the buying pow- question. Many believe the distant er of the consuming trade at a low corn futures already are too low, but ebb and a resulting accumulation of there are an unsually large number of

A the advances granted carriers and the the operation of numerous manufacturing plants are reduced. That will THE probability of a corn crop of naturally increase the supply of cars more than three billion bushels for moving grains and other feed-

The current market for cash corn is liberal quantities of feed during the a zig-zagging affair, having no importlate summer months having delayed ant relation with new crop prospects. their buying because of the abundant Little grain is moving to terminals but consumers. In the past few weeks mouth character prevails, about sufficorn have fluctuated very nervously, ible stocks of corn in the United States owing to fear of damage to the grow- are considerably greater than a year

doubtless reduce considerably the pro-ATS are selling at only little more duction of merchantable corn and thus during the latter part of May and the alter to a great extent the supply situ- forepart of June, before the new crop ation on which selling pressure has became available, being far below a been based. While various comments parity with corn and other feeds. For are being offered as to the probable this reason, if for no other, oats cannot early frosts by our "weather bugs," it be expected to decline sharply from its is needless to base market conditions present level. The grain is bringing upon weather possibilities. Still, feed- around 65 to 70 cents a bushel on marers who are prospective buyers of corn kets of the Middle West, with the Deplus available above their own needs bushel. The feeder who will be forced should consider the signicance of early to enter the market for oats for his frost in conducting their operations. own needs by December might profit So far as the new crop is concerned, from the purchase of that option in the most interest centers around the De- future market. But there is no imme-



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The Michigan Farmer

diate rush for such action, demand and certainly too high compared with cotsupply conditions not pointing to any tonseed feed. material upturns for some time yet. Further depression in corn would tend doubtless only be slight. Large stocks are available from the harvest in the country and the terminal holdings are moderate.

the consumers of the high protein concentrates. I have consistently urged tions not having warranted a price what may prove to be the low point for the season. Cake and meal for basis Texas mills, the lowest level thus far reached on the crop, in fact, the lowest level for some years. Compared with a month ago the market is off about \$6 a ton. New crop cake and meal already are moving, though only in a small way. Spot shipment offerings are available around \$50 a ton, basis Texas points, or at a small premium over distant delivery. In the A LFALFA, clover, clover mixed, important feeding sections the price will average around \$60 a ton.

more than \$17 a ton since trading in vanced schedule of freight rates bethree months ago, is the sharply lower rates from Kansas City, the largest hay price being paid for cottonseed, the market, to many points in the East and probability of large production in the Southeast, for instance, amount to South, and an extremely light demand more than \$6 a ton, a sum which marfor the feeds among cattle operators the past crop year. The surprisingly selling around \$30 a ton in Kansas of depression in cottonseed oil, the at \$16 to \$20. Clover in St. Louis is chief product of the crushing plant, bringing \$33 to \$35 a ton. Timothy in the oil being in very weak demand at hardly half the level of a year ago. Planters are rather hesitant about dis- creased freight rates became effective, posing of their seed at current price a sharp contraction in demand for hay levels, but the product cannot long be held and this will not prove a factor that before the market reaches a firm in the market. Sensational declines in basis, the gains in prices recorded becotton have stimulated the downward fore the higher tariffs will have been trend of cake and meal, though only indirectly. Prices for the feed should continue to recede, but occasional covering by speculators who had previ- of alfalfa from the irrigated sections ously sold "short," which has been of Idaho, Utah, Montana, Nevada and by rangemen and other operators has not be felt for some time yet, probably not in many years been of as light a not until late in the fall, when the volume as in the summer from which movement normally reaches a large we have just emerged, the disappoint- volume. ing level of the cattle market being largely responsible for this condition. There is a possibility that cake and meal will recede to \$40 a ton in the In the past it was a common praccrushing districts of the South.

up well in price, though the market ago abandoned generally, the lately cannot be termed as strong. Demand recognized need of more sulphur comis of only a moderate volume. The pounds for some soils appears to furoutput of crushers both in the East nish a reason for its revival. However, and Northwest exceeds slightly the not many farmers will be led to use buying strength of the consuming this old-time remedy until Michigan trade. Linseed cake and meal is avail- experiments show conclusively that able for prompt or distant forward land plaster is as valuable now as it shipment around \$62 a ton, basis Min- was once believed to be. In the meanneapolis. It is claimed by some han- time all the available stable manure dlers that the stocks of linseed feed in and suitable commercial fertilizers will consuming channels are very low, the be called upon for help in meeting the result of delay in buying in recent present problem. months. This possibly may be true, yet it does not offer the bullish possibilities that some may construe. The time is not at hand, market conditions as a whole indicate, to accumulate supplies of linseed feed. Linseed cake is

to force oats down, but declines would B RAN and shorts are in a perplexing position. On one hand extremely light production by mills for this season of the year is tending to maintain values; on the other hand, demand for the offal is comparatively COTTONSEED cake and meal are movement. The supply, though light, attracting unusual interest among is probably greater than the absorpscant, thus checking an upward price tive powers of the trade, therefore the weak tone in prices. Within the past readers of The Michigan Farmer to month bran has eased off about \$4 a delay purchases of cottonseed feed. ton, being available in Minneapolis and Kansas City, the leading milling markets of the West, around \$40 a ton, level such as has prevailed in recent sacked, for carlots. The offal is sellmonths. The market still continues on ing in Chicago around \$42 to \$43 a ton, a downward scale and is approaching about \$44 in St. Louis. Gray shorts or flour middlings can be bought around \$61 to \$62 a ton in Minneap-October-November-December shipment olis, \$56 in Kansas City, \$61 in St. are being offered around \$48 to \$49 a Louis and on a freight differential at ton for prime 43 per cent protein feed, other markets, the heavier offal displaying greater strength comparatively than bran. Both feeds should continue to work lower. Sluggishness in the demand for flour, thus restricting

production by mills, is a handicap to

bearish operations. Bran and shorts

should be bought sparingly.

timothy and other varieties of hay shared in a boom resulting from Basis for the continued depression eagerness of feeders and other buyers in cake and meal, which amounts to to accumulate stocks before the adthe new crop product was begun about came effective. The increase in freight ket fluctuations cannot easily offset. and other feeders. Crushers are refus. So it was only natural that buyers acing to pay more than \$20 to \$25 a ton cumulated as much hay as possible. for cottonseed in the South, compared Advances of around \$5 a ton occurred with a level around \$65 at this time a on alfalfa and clover, with other variyear ago and as high as \$90 later in eties also sharply higher. Alfalfa is low figure paid for seed is the result City for the better grades, with clover Chicago is holding up around \$40 a ton for the better grades. Since the inhas been felt, and it is quite probable wiped out. A factor in the freight rate advances which demands consideration is the probable restricted movement quite general, will offer some tempor-ary support. Feeding of cake and meal freight charges. This, however, will

### FEEDING MEADOWS.,

tice in parts of the country to stimulate an extra growth of hay by the use OMPARED with cottonseed feed, of top-dressings of land plaster or gyplinseed cake and meal have held sum; and, while this method was long



### A HANDY ROOT CELLAR.

A VERY convenient adjunct to the barn is the root cellar. Especially is this useful to the dairy farmer since it affords him a very handy place for storing the root crops which he intends to feed to his herd during the winter. The cellar is, however, useful to any farmer, whether he keeps a number of cows or not, as it can be used to store any crop, such as potatoes, etc. Or it may be used as a shelter for the storage tank from which water is obtained for the stock.

The root cellar is best located under the driveway leading into the barn and gives one fair-sized room in which to store sugar beets, mangels, rutabagas, turnips, etc. The ceiling of the root cellar of course slants upwards towards the floor of the barn. There is a door opening through the wall of the basement of the barn through which access to the cellar is obtained and the roots are easily carried to the cows stabled in the barn basement. A window may be placed in the side of the cellar for necessary light and for shoveling the roots through, and if desired one outside door, although this is not always necessary.

The root cellar is most conveniently installed when the barn is built but it may be added to any basement barn. Care should be taken to have it frostproof, so that the roots will not freeze. It may be built of heavy planks, or better still, of concrete. No additional space is needed for this cellar, and if it is built when the barn is put up considerable labor in hauling gravel for the driveway is saved, for instead of having a solid fill, the cellar occupies the space. When finished one has both a good driveway and root cellar combined.—CHAS. H. SMITH.

### SPRAY IN FALL FOR CURL.

P EACH leaf curl has been quite destructive in some localities this year. The trees have been defolialed wholly or partially in numerous orchards, and the prospects for next year's crop greatly lessened.

Unless the trees are sprayed when the buds are dormant, the application of spray material is ineffective. Last spring growers were delayed with their spraying until after the buds had started, and as a result they suffered severely from the curl.

In order to overcome the disadvantage of unfavorable weather in spring spraying the spraying experts are advising every peach grower to spray his peach orchard in the fall after the leaves have dropped and the wood has hardened. The following mixtures are recommended by New York state fruit experts: Concentrated lime and sulphur 32 degrees Baume diluted 1-15. If San Jose scale is present, lime and sulphur should be used at the rate of 1-8. Copper sulphate is very effective for the control of peach leaf curl when used at the rate of 2 pounds to 50 gallons, but it does not control scale. It is necessary that the application be as thorough as a careful sprayer can make it, so that every bud is covered. —E. E. R.



A Good Heifer Owned by a Wayne County Club Member.

# Do You Know-

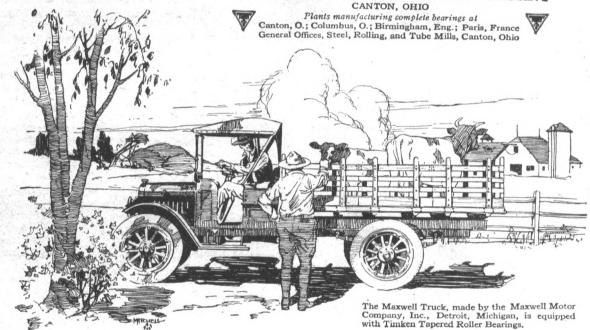
that the man who bought his first truck on a basis of "the cheaper the better," is the strongest supporter of the belief, "the better the cheaper?"

that the well-made truck with Timken Tapered Roller Bearings to carry the load and cut down friction is always the cheapest in the end?

that we like to have Timken Bearings put up against the tough jobs in passenger car. truck, and tractor, because it's there that their ability to carry load from any and all directions is of greatest value?

that you'll find Timken Bearings in 85% of the trucks and passenger cars and in a majority of the leading tractors?

THE TIMKEN ROLLER BEARING COMPANY



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The use of Timken Tapered Roller Bearings at points of hard service in the great majority of motor-whicles is proof of leadership established on the tapered principle of design, quality of manufacture, performance on the road, and service to the automotive industry

your pipeless furnace, some one has to get it from the factory. Why not get it yourself and save money? We'll pay the freight, matter where you get

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and find out what you can save on a Kalamazoo Pipeless Furnace. Costs less than the price of a good stove—heats the whole house. Save in buying, save on easy installation, and save in economy of fuel. Ask any Kalamazoo owner. Cash or easy payments. Quick shipment. any kalamazoo owner. Casn or easy payments. Quick snipment. Let us send you our big Kalamazoo Catalog and tell you how kalamazoo owners are saving money and living in warm homes. John J. Wagner of Pittsville, Wash., eays: "Saved \$200. Others asked almost three times the price of a Kalamazoo." Write today. Ask for Catalog No. 909

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First grade factory, cut-down price. Direct to you at only \$5.15. Retail price of these shoes is \$8.00. Made of the best elkskin waterproof leather.

U. S. NATIONAL MUNSON ARMY SHOE CO., Inc. Dept. 863 Westfield, Mass.

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at the World's Original and Greatest School and become independent with no capital invested. Every branch of the business taught. Write today for free catalog. JONES NATL SCHOOL OF AUCTIONEERING 23 N. Sacramento Blvd., Chicago, Ill. Carey M. Jones, page 5



### Waterfy Your Home With the Leader

Putting in a water system to supply your home and your stock deserves careful consideration. A mistake is serious and expensive. A convenience that doesn't work right, that has to be tinkered with, is an inconvenience.

Don't run any risk. Be safe, sure, certain. Install the



Home Water Systems-Leaders in fame as well as in name.

We know all systems, but we sell the Leader because it has been proven best by years of test. It will last a life time. It is the only home water system where the tanks and pumps are manufactured, and the whole system completed and tested as a unit in one factory. Since 1903 the Leader has given satisfaction.

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the Leader Home Systems, There is a outfit to meet the re-mts of every home



Feed Every 3rd Hog FREE

Save feed and get your hogs ready for market in less time. Prove at our risk that you can save fully one third your feed, making it possible to feed every third hog free by feeding

Milkoline At 2c a Gallon

Milkoline has a base of pasteurized and sterilized, modified Buttermilk. It is guaranteed not to con-tain any sulphuric acid or anything of an injurious nature to hogs or poultry.

Aids Digestion: Thousands of the most successful hog raisers from New York to California during the pastseven years have proved that Milleoline helps and assists digestion, tending to insure perfect assimilation of feed. It helps tone up the system so that hogs are less subject to disease, and practically insures gains of 2½ pounds per head per day.

University Tested Professor W. while Ass't. Prof., of Dairy Husbandry at Missouri University conducted a scientific test on Milkoline and found that Milkoline fed hogs put on more weight and showed 82.775 more profit than hogs not fed Milkoline. W. H. Graham a successful feeder of Middetown, Mo., said \$30 worth of Milkoline made him an extra profit of \$420. Lee Jackson of Wappingers Falls, N. Y., says Milkoline fixed up a bunch of shoats in fine style and is great for brood sows.

Can't Spoil. Milkoline is guaran-er mould. It will keep indefinitely in any climate. Flies do not come near it. It is always uniform, and is guaranteed to make you money or it doesn't cost you anything. Distributed by-

SCHWARTZ BROS.,

2c a Gallon Milkoline densed form, and you do the diluting on your own farm. When fed as directed Milkoline mixture (one part Milkoline to 50 parts water or swill) costs only 2c a gallon. Full feeding directions free. It is shipped in convenient kegs and barrels which we supply free. The prices are as follows: 5 gai, 37.50; 10 gal, \$12.50; 15 gal, \$16.50; 22 gal, \$32.00; 55 gal, \$19.50. It pays to buy in barrel tots because you save 60c a gal, over the 5 gal, quantities.

30 - Day Guaranteed Trial. You are safe in ordering any quantity of Milkoline today. Feed one half the shipment to your hogs and poultry in a thirty day test, then if you aren't entirely satisfied return the unused part to us at our expense and we'll immediately refund every cent you paid us. We are so confident that you will find Milkeline the best money maker on the farm that the S. W. Boulevard Bank of Kansas City substantiates this offer. You are the sole judge. Send money order, or check, to us or our nearest dealer and we will ship immediately. Our booklet, "How to Hustle Heavy Hogs to Market" will be sent free on request—your name on a card will de.

Saginaw, Mich.

### Wanted Married Man by year on farm for milking and general farm work. State wages. Address Box H 918, Mich-igan Farmer. Detroit, Mich.

C-O-L-L-I-E-S

for farm and home; to assist with chores and protect your property. A few puppies for prompt delivery: eligible to recistor. IMPERIAL WHITE COLLIE KENNELS, R.E. Hudson, Mich.

### State's Greatest Stock Show

Quality Exhibits, Capable Judging and Enthusiastic Breeders Make a Magnificent Show at Degroit

THIS YEAR'S Michigan State Fair set a new mark for livestock ex- Ross. hibits and indicated in a convincing manner the progress made. Judges from the Cornbelt States expressed surprise at the quality of the stock. & Ross. Progress in the past year was greater than ever before in the same length of time. No state fair is in greater Aged herd—Carpenter & Ross, 1st; need of better barns and suitable judg-ing rings. Judging conducted in so Young herd—Woodcote, 1st; Scripps, many separated rings offers no opportunity for visitors to follow the 2nd. awards. Properly directed, the Michigan State Fair stands on a threshold of livestock development that will or livestock development that will Two animals, produce of one cowrival fairs of Cornbelt States and Carpenter & Ross, 1st; Scripps, 2nd; amaze and delight those who come to Woodcote, 3rd; Martin, 4th. study the good and bad points of the animals on exhibition and watch the work of judges. Exhibitors, as well Hereford classes. as visitors, find little satisfaction at Davidson & Sons of Michigan faced fairs where blunderbuss management some of the best herds Missouri, Ohio nullifies the educational value of the and Indiana could send out. Promexhibitors and work of judges. And inent breeders, attracted by the progthe arrangements for furnishing the ress that Michigan breeders are makpress with a list of awards should be ing and the liberal prices the Allens, such as to give exhibitors the benefit Harwood, Taylor and others have paid of the publicity which follows.

were fewer in numbers, but quality up as follows: was there. A number of horsemen re-

### Aberdeen Angus Cattle.

Each year marks a milestone of Aberdeen Angus progress in Michigan. A number of herds are rapidly coming to the front and attracting attention to the state as a breeding ground for cattle. Scripps, Woodcote Stock Farm, Coupar & Curry, Martin & Son, F. J. Wilbur of Michigan and 2nd; Hill, 3rd; Fowner, 4th. Carpenter & Ross of Ohio presented strong exhibits. The senior heifer 2nd; Allen Bros., 3rd. class brought out the best line-up ever seen in Michigan. All down the line the animals were good and the interest keen. Awards were as follows:

Bull 3 years or over—Carpenter & Ross, 1st; W. E. Scripps, Orion, Mich., 2nd.

Bull 2 years old and under 3-Thos. Barnett & Son, Pontiac, Mich., 1st; Coupar & Curry, Marlette, Mich., 2nd; Woodcote Stock Farm, Ionia, Mich., 3rd; Carpenter & Ross, 4th.

Senior yearling bull-W. E. Scripps,

Junior yearling bull—Woodcote, 1st; Scripps, 2nd; F. J. Wilber & Son, Clio, Mich., 3rd; Scripps, 4th.

Senior bull calf—Woodcote, 1st; Scripps, 2nd and 3rd. Junior bull calf—Scripps, 1st; Carpenter & Ross, 2nd; Woodcote, 3rd.

Cow 3 years old or over-Scripps, 1st and 3rd; Woodcote, 2nd; Dr. G. R. Martin & Son, Croswell, Mich., 4th.

Cow 3 years or over and calf—Carpenter & Ross, 1st; Woodcote, 2nd; ering, 2nd; Allen Bros., 3rd.

Scripps, 3rd; Martin, 4th.

Two produce of cow—Fowner, 1st;

Heifer 2 years and under 3—Car. Hill, 2nd; Pickering, 3rd. penter, 1st and 2nd; Woodcote, 3rd; Shorthorn Catt Scripps, 4th.

Present & Sons Lossie

Junior yearling heifer—Carpenter & Ross, 1st; Woodcote, 2nd; Scripps, 3rd and 4th.

cote, 3rd.

Junior heifer calf-Scripps, 1st; Woodcote, 2nd.

Senior champion bull-Carpenter &

Junior champion bull-Scripps. Grand champion bull-Carpenter &

Senior champion female—Carpenter

Junior champion female—Scripps. Grand champion female—Carpenter & Ross

Calf herd-Scripps, 1st; Woodcote,

Four animals, get of one sire—Woodcote, 1st; Scripps, 2nd; Martin,

Hereford Cattle. Quality reigned supreme in the Allen Bros, and for breeding stock, made a big effort Turning to pleasanter topics, the at- to send a strong exhibit to the fair tendance was good and a number of this year. As a result, hundreds of new exhibitors made their initial bow. breeders and farmers were greatly Dairy cattle exhibits were better than impressed with the progress the breed ever. Beef cattle showed more uniform is making here in Michigan. Allen quality, especially Hereford and Aber- Bros. were out with a remarkably good deen Angus breeds. Swine exhibits herd, and when it is considered that were far above former years and re- they faced such strong competition as flected the increasing interest in larg- Pickering, Hill and Fowner Stock Farm er type and bigger-boned animals, they are entitled to a vote of thanks Sheep exhibits were on a par with from Michigan breeders for convincother years, though entries for several ing visitors that this state can produce breeds were made up from Ohio, New as good pure bred Herefords as any York and Ontario flocks. Draft horses state in the Union. Awards were split

Bull 3 years or over-W. A. Pickerport more interest in the business than ever before.

In the business than a ling, Benton, Mo., 1st; James V. Hill, Roundhead, Ohio, 2nd; Allen Bros., Paw Paw, Mich., 3rd.

Bull 2 years old—Hill, 1st; Fowner Stock Farm, Decatur, Ind., 2nd and 3rd; John B. Davidson, Eaton Rapids, Mich., 4th.

Senior yearling bull—Hill, 1st; Allen Bros., 2nd.

Junior yearling bull—Pickering, 1st, 2nd and 3rd; Allen Bros., 4th. Senior bull calf-Pickering, 1st and

Junior bull calf-Hill, 1st; Pickering

Cow 3 years old or over—Pickering 1st; Hill, 2nd; Fowner, 3rd; Aften Bros., 4th. Heifer 2 years old—Pickering, 1st; Hill, 2nd; Fowner, 3rd; Allen Bros.,

Senior yearling heifer—Pickering, 1st; Hill, 2nd; Allen Bros., 3rd; Fown-

lst; Hill, char, Andrew er, 4th.

Junior yearling heifer—Hill, 1st and 2nd; Pickering, 3rd and 4th.

Senior heifer calf—Fowner, 1st and 4th; Hill, 2nd; Pickering, 3rd.

Lunion heifer calf—Pickering, 1st

Junior heifer calf—Pickering, 1st and 2nd; Hill, 3rd; Fowner, 4th. Senior champion bull—Pickering. Junior champion bull—Pickering.

Senior champion female—Pickering, Junior champion female—Fowner. Grand champion bull-Pickering. Grand champion female-Pickering.

Exhibitor's herd—Pickering, 1st; Hill, 2nd; Fowner, 3rd, Breeder's herd—Pickering, 1st; Hill,

2nd; Fowner, 3rd. Calf herd—Pickering, 1st; Hill, 2nd; Fowner, 3rd.

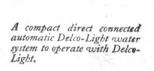
Two produce of cow-

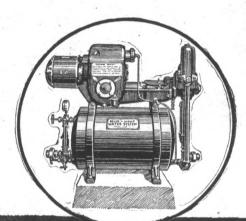
Shorthorn Cattle.

Prescott & Sons, Lessiter and Chas-Senior yearling heifer—Carpenter & len Farms faced Carpenter & Ross of Ross, 1st; Woodcote, 2nd; Scripps, Ohio, Shaffner of Pennsylvania, and 3rd; Martin, 4th. Rosenberger & Sons of Ohio, in the fight for Shorthorn honors. In one or two classes it is possible that handling Senior heifer calf—Scripps, 1st; the animals properly in the showring Carpenter & Ross, 2nd and 4th; Wood- would have brought higher honors to a Michigan herd. In watching the (Continued on page 359.)

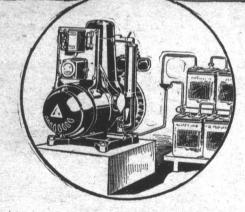


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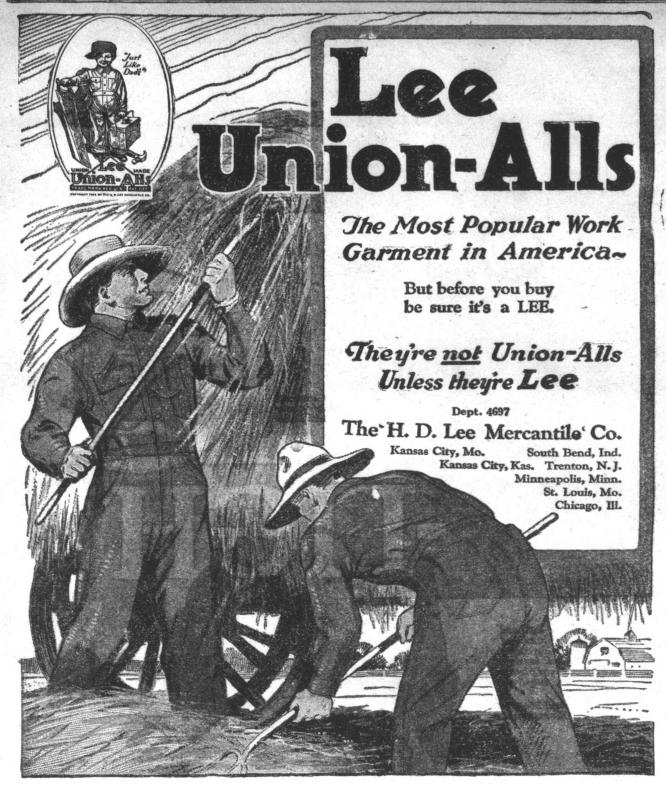
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CUTES Heaves by correcting the cause—Indigestion. Prevent Colic, Staggers, etc. Beat Conditioner and Worm Expeller. Three large cansguaranteed twee or money refunded

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Wanted by middle aged and young man to take charge of farm, equipped with stock and machinery.

JOHN GRILL, General Delivery, Detroit, Michigan

## Look Ahead!!

For your future's sake—for the the Good of your business you should see the show of shows the National Dairy Show.

The Whole World is at your elbow and you will be face to face with the leaders—get the breeders best and latest ideas the result of years all in 10 short days.

See the Grove City Plan and how it worked out—see the State Herd Contests—the Thousands of PURE BRED CATTLE—the JUDGING and the Bull and Calf Clubs.

See the Government Display—the Foreign Ideas. Butter and Cheese from Holland, Denmark and Argentine.

### YOU CAN NOT AFFORD TO MISS IT.

One thought from one exhibition or Brother Breeder may mean a fortune as it did with a certain visitor last year.

Come and compare notes with the other winners. To be among those present means giving yourself and your business a real chance—this 14th Annual Event will be the biggest one—it's worth the trip—times over.

# THE NATIONAL DAIRY SHOW Oct. 7th to 16th. Union Stock Yards - Chicago

LET'S GO.

BEARING THE FARMERS' MARKET

(Continued from page 338.) propaganda so well directed from the large centers of population, we fear that all the good work done by those who would protect the people from unjust or oppressive actions by the members of the American Institute of Packers will prove to be wasted energy. Therefore we urge that Congress take such action as will regulate the packing interests of the country, and we insist that the administration take such steps as may be necessary to cooperate with Congress in bringing about such regulation."

N REGARD to the proposed national I union of Farm Loan Associations, the farm organizations adopted the following resolutions: "We give our unqualified endorsement to the movement for the formation of the Farm Loan Associations into a national union as one of the first steps toward the realization of the hopes and expectations of the friends of the Farm Loan act, and as a necessity for the preservation and continuation of the benefits of the act. Such union, or alliance, must necessarily be the voluntary expression of the members of the Farm Loan Associations for representation free from official supervision and control."

Answering some of the criticisms against the formation of a union of Farm Loan Associations, Secretary Charles A. Lyman of the Board of Farm Organizations, says there is just as much reason why the loan associations should have state and national unions as that the National banks have state and national bankers' associations.

Supplementary to its plan for Congressional action granting Germany a credit against the billion dollars of alien property held in this country, to be used in part in the purchase of American wool, the American Farm Bureau Federation Washington office is promoting a plan which includes arranging with woolen mills in different parts of the country to spin and weave the farmers' wool into blankets and other fabrics, taking toll of wool or cash payment. A large woolen mill in North Carolina has been operating on this plan for years. This would give the farmers a supply of woolen blankets and cloth at a reasonable cost, and if extensively developed, would provide an outlet for large quantities of wool. The Washington representatives are now corresponding with a number of mills with a view to making this arrangement.

The Washington Farm Bureau office is also working in co-operation with other organizations to secure as early as possible the appointment of the special committee authorized by Congress to hold a judicial investigation of the subject of rural credits, in order that this hearing may be held immediately after the election in November. E. E. R.

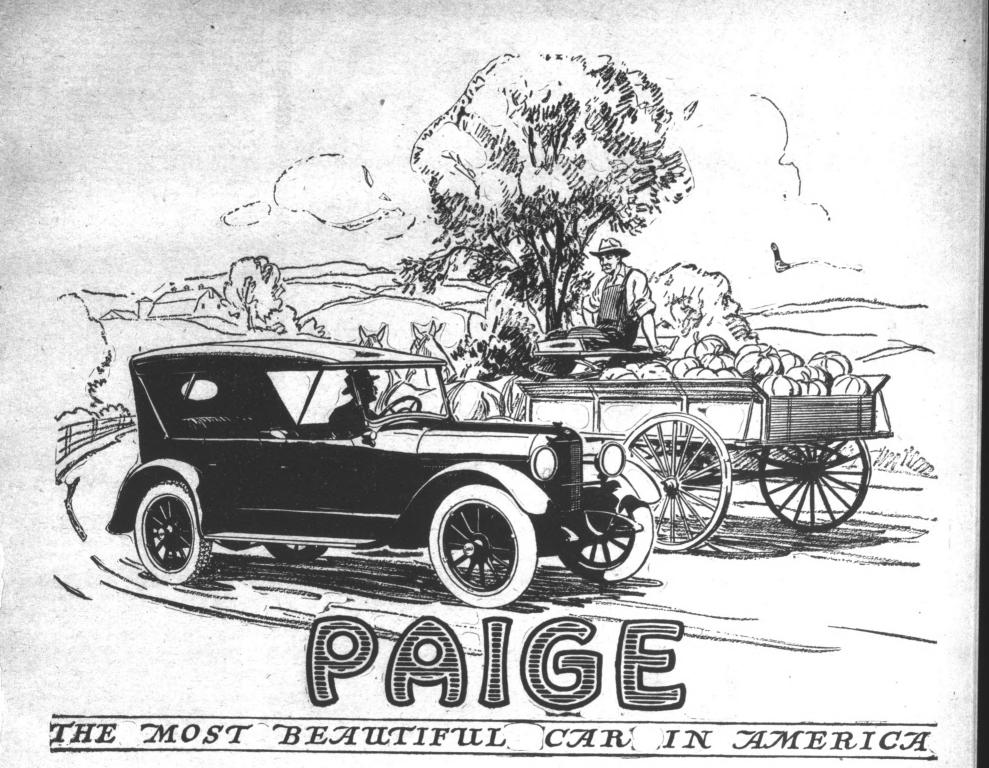
### PARTNERSHIP RIGHTS.

23 farmers met and agreed to buy a threshing machine and voted to thresh for 4c per bu. for oats, 5c for wheat, and 6c for rye. Afterwards we called a meeting to see if we could buy a bean thresher and the members were not notified that the question of changing the price was coming up and it was voted to change and charge the standard price or the same as other threshers charge. We are not incorporated—is this legal?

A. P. P.

In a partnership the majority controls, and no provision is made by law for meetings or notice of meetings. The change would be valid, unless the provision for threshing at 4c a bushel were a part of the agreement of partnership, in which case it could not be changed without the consent of all the partners, even by notice and vote of a majority.

J. R. R.



IT is a matter of common knowledge that our sturdy Paige Glenbrook model marks a distinct advance in the building of light sixes. Scientifically considered, it stands as the embodiment of an entirely new conception of mechanical excellence in a car of five-passenger size.

The Paige Glenbrook, it must be remembered, is distinctively a product of the war period. Three years of constant research and ceaseless experiment were devoted to it by Paige engineers before it was ultimately perfected.

Its six-cylinder motor is a product of unusually high refinement, reflecting in every particular

the standards of precision and accuracy developed by the war. And, in body and chassis also, it is a striking example of twentieth century progress in both design and construction.

The Paige Glenbrook is, therefore, in every sense of the word, a strictly modern achievement representing the best that automotive engineering has ever produced in the building of light sixes.

We ask that you give this due consideration before deciding upon your next motor car purchase. If you value true efficiency and dependability in a motor car, your choice will undoubtedly be a Light Six Paige.

# In selecting a tire for your small car consider these points of the Fisk Red-Top:

FIRST: There's the size of the FISK Red-Top—not merely "oversize"—but a tire that is actually bigger than others. Take the most popular size: The FISK Red-Top 30 x 3½ is larger than the so-called standardized oversized tires.

SECOND: Consider strength. An extra ply of fabric is built into the FISK Red-Top. Also the tread is much thicker than in the average tire and is made of the toughest kind of rubber.

Result—both side walls and tread are ready to withstand—and do withstand!—the most severe punishment.

THIRD: Looks—good looks. With its "red-top" this tire is as handsome a tire as you've ever seen. It will add a smart touch to the appearance of your car.

It is no accident that the FISK Red-Top gives such remarkable and uniform performance on small cars. The FISK Red-Top was designed for that purpose. It is a specialized product built to give to the small car owner the greatest ease in riding, the greatest possible mileage—and this with the least attention of any tire made.

Since it was placed on the market a little more than two years ago the FISK Red-Top has leaped into popular favor. Despite constantly increased equipment it is only recently that we have been able to catch up with the demand.

But now you can go to your dealer and get FISK Red-Tops promptly—and after getting them you'll realize what utmost satisfaction in tire value is.

The Fisk ideal guarantees a square deal—"To be the best concern in the world to work for, and the squarest concern in existence to do business with."



## WORLD EVENTS IN PICTURES



Bobbie Leach, who went over Niagara in this steel barrel in 1911, is ready to repeat the stunt providing sufficient cash is offered. He is 59 years old.





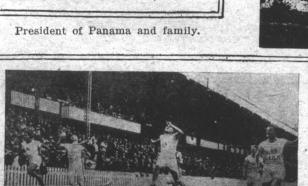
Over 100,000 persons view the baby parade at Asbury Park, N. J.

One of the hundreds of girl soldiers who willingly went out to defend Poland against the Bolshevists.



Statue of Lafayette en route to Metz, where it was recently unveiled with very impressive ceremonies.

Champion world roper, Flora La Due, on her horse, "Prince," at the T. & S. Ranch in Alberta.



Paddock winning dash for U. S. at Olympic games.

## THE VALLEY OF THE GIANTS

A ROMANCE OF THE REDWOODS

By Peter B. Kyne



urged, and "Read this," Henry thrust a yellow telegraph-form under the Mayor's nose. The latter adjusted his glasses and read:

Imperative building operations commence immediately. Local skept injurious and delays dangerous. must show good faith to our New York friends. J. P. M. insists upon knowing promptly where we stend with Company promptly where we stand with Sequoia city council. See them immediately and secure temporary franchise, if possible, to enable us to cross Water Street and build out Front Street. Your arrangement with Cardigan for use or his mill-dock and spur for unloading material from steamer ratified by material from steamer ratified by board but regarded as hold-up. If your judgment indicates no hold-up on permanent franchise, commence operations immeiately upon acquisi-Engage of permanent franchise. local labor as far as possible. impress upon you too fully necessity for getting busy, as road must be completed in three years if our plans are to bear fruit and time is all too short. HOCKLEY.

Sequoia, Sequoia, Calif. Also, with a thousand dollars a year retainer." keen eye to minor details, he noted that it had been filed at San Francisco "Guarantee it! Well, I should snick- of the N. C. O. came up, and Penningsubsequent to Ogilvy's visit to him that er! We'll just show J. P. M. and his ton made a talk against it. He said afternoon.

"That accounts for his failure to bring representative. I'll call a special which he doubted, because the most the matter up at our interview. Upon meeting of that little old city council feasible and natural route for a road his return to the hotel he found this of mine and jam that temporary fran- would be from Willits, Mendocino telegram—and got busy at once. By chise through while you'd be saying County, north of Sequoia. He said the Jupiter, this looks like business. 'Jack Robinson!'" Henry, how did you come into possession of this telegram?"

documents Ogilvy left with me. I through to-morrow at, say, ten o'clock found it on my desk when I was sort- without saying a word to Mr. Ogilvy ing out the papers, and in my capacity about it. Then when the city clerk has of attorney for the N. C. O. I had no signed and attested it and put the seal about it, Henry. We'll just put off hesitancy in reading it."

"Well, I do declare! Wonder who Hockley is. Never heard of that fellow in connection with the N. C. O."

"Hockley doesn't matter," young Henry declared triumphantly, "although I'd bet a hat he's one of those heavy-weight Wall Street fellows and one of J. P. M.'s vice-presidents, probably. J. P. M., of course, is the man

Who the devil is J. P. M.?"

a guess?" he queried.

a big fish. Boy, you've landed a Old Poundstone nudged his son in the was fairly well acquainted with his pleasurable anticipations of the day

operations com-Local skepticism ly in his amazement and delight. "By get the idea you're a fly bird and on to dangerous. We golly, to think of you getting in with your job." that bunch! Tre-mendyous! Per-fecttree-mendyous! Did Ogilvy say Henry. anything about future business?"

"He did. Said if I proved satisfactory, he would probably take me on and pay the customary retainer given all of their corporation attorneys."

was smart enough to know which side but warehouses and lumber-drying his bread is buttered on and who does yards along there, anyhow. Still, come the buttering.'

"If I could guarantee Mr. Ogilvy that temporary franchise mentioned in ably raise a howl about sparks from his telegram, it might help me to get lumber piles afire. And he won't relish in right with J. P. M. at the start," the idea of that crossing, because that Impress this upon city council and wire his hopeful suggested. "I guess it means a watchman and safety-gates, would be kind of poor to be taken on This telegram, as the Mayor ob- as one of the regular staff of attorneys served, was dated that day and ad- for a Morgan corporation, eh? Say, dressed to Mr. Buchanan Ogilvy, Hotel they pay those chaps as high as fifty

"I'll tell you what let's do," Henry suggested. "I'll draw up the tempor-"It must have been mixed up in the ary franchise to-night, and we'll put it to get it, and-

> "And you look surprised," his father cautioned "-sort of as if you failed to him repeat. Then you say: "Oh, that! sir—not if we know it." comprehend what he's driving at. Make Why, that's nothing, Mr. Ogilvy. I found the telegram in those papers you

His father carefully made a copy of the telegram.

"H'm!" he grunted. "Wants to cross Water Street at B and build out Front "Well, by golly, he'd better take you Street. Well, I dare say nobody will to think of it, Pennington will probthe engines of the N. C. O. setting his of that."

"He'll be dead against it," Henry "I know, because at the declared. Wednesday meeting of the Lumber "Guarantee it!" his father shouted. Manufacturers' Association the subject crowd that they made no mistake when the N. C. O. ought to be discouraged, breathed his Honor, they picked you as their Sequoia legal if it was a legitimate enterprise, N. C. O. didn't tap the main body of the redwood-belt and that his own road could be extended to act as a feeder to a line that would build in from the south. I tell you he's dead set against

of the city on it, I'll just casually take this special session of the council and be surprised and ask me how I came the job has been put over, Pennington can come around and howl all he wants. We're not letting a chance like

"You bet!" said Henry earnestly.

left with me, read it, and concluded council was present with the exception fake telegram among the contracts as you'd left it there to give me the dope of Thatcher, who was home ill. His bait for Henry and his father, but in so I could go ahead and get the fran-running mate Yates was heartily in his wildest flights of fancy he had not Henry smiled tolerantly upon his ig- chise for you. Up here, whenever any- favor of doing all and sundry of those looked for them to swallow hook, line, norant and guileless parent. "Well, body wants a franchise from the city, things which would aid and encourage and sinker. His fondest hope, at the how would J. Pierpont Morgan do for they always hire an attorney to get it the building of the much-to-be-desired time he conceived the brilliant idea, for them, so I didn't think anything railroad and offered no objection to the was that Henry would show the tele-"Hell's bells and panther tracks!" about this but just naturally went and motion to grant a sixty-day temporary gram to his father and thus inculcate Mayor Poundstone started as if snake- got it for you. If it ain't right, why, franchise. However, he always played in the old gentleman a friendly feeling bitten. "I should say you have hooked say so and I'll have it made right." ball with the absent Thatcher and he toward the N. C. O. not unmixed with whale!" And the Mayor whistled soft- short ribs and winked drolly. "Let him other colleagues on the council; where when Henry Poundstone,

they were concerned he was as suspicious às a rattlesnake in August-in consequence of which he considered it policy to play safe pending Thatcher's recovery. Rising in his place, he pointed out to the board the fact that many prominent citizens who yearned for "Leave it to yours truly," said such a road as the N. C. O. had warned him of the danger of lending official aid and comfort to a passel of professional promoters and fly-bynights; that after all, the N. C. O. might merely be the stalking-horse to a real-estate boom planned to unload on! I had a notion that chap Ogilvy kick over the traces at that. Nothing the undesirable timber holdings of the in which event it might be well for the council to proceed with caution. It was Mr. Yates' opinion that for the present a temporary franchise for thirty days only should be given; if during that thirty days the N. C. O. exhibited indubitable signs of activity, he would gladly vote for a thirty-day extension to enable the matter of a permanent franchise to be taken up in regular

This amendment to the original motion met with the unqualified approval of the Mayor, as he was careful to announce for the benefit of the other members of the Solid Four. The fact of the matter was, however, that he was afraid to oppose Yates in such a simple matter through fear that Yates might grow cantankerous and carry his troubles to the Sequoia Sentinela base trick he had been known to do in the past. After explaining the advisability of keeping secret for the present the fact that a thirty-day franchise had been granted, His Honor, with the consent of the maker of the original motion and the second there-"Then we won't tell him anything of, submitted the amended motion to a vote, which was carried unanimously.

At eleven-thirty Thursday morning, it over to Mr. Ogilvy. Of course he'll forget to invite the reporters; after therefore, young Henry Poundstone, having worked the greater part of the previous night preparing the deeds, delivered both deeds and franchise to this slip by us without grabbing a Buck Ogilvy at the latter's hotel. It handful of the tail-feathers, Henry. No, was with difficulty that the latter could conceal his tremendous amazement when Henry casually handed him the And it was even so. The entire franchise. True, he had slipped that

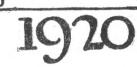
AL ACRES—Again to the Rescue.

-By Frank R. Leet



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1866





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The pattern shown above was made at 35 yards, with 1½ ounces of standard No. 5 shot; 30-inch circle; mallard duck drawn actual size. It was shot with a Winchester Model 12 Repeating Shotgun of standard grade, and an ordinary Winchester Repeater Shell. Shoot a Winchester Model 12 Hammerless Repeating Shotgun. Or if you prefer, a Model 97 with outside hammer.

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service corporation.

Mr. Ogilvy gazed approvingly upon else had forgotten to mention it. I Henry Poundstone. "Mr. Poundstone," knew you were busy, and I didn't want he said solemnly. "I have met some to bother you with details, so I just meteoric young attorneys in my day, went ahead and filled the order for but you're the first genuine comet I you. Anything wrong about that?" have seen in the legal firmament. Do "Certainly not. It's perfectly won-you mind telling me exactly how you derful. But how did you put it over?" procured this franchise—and why you Henry smirked. "My dad's the engiprocured it without explicit orders neer," he said bluntly. "If thirty days from me?"

should be one of the most highly prized Henry did his best to looked puzzled. members of the legal staff of a public- "Why," he said, "you left that telegram with me, and I concluded that When he could control his emotions, you regarded it as self-explanatory or

(Continued on page 357.)

### What Do We Get Out of It?

Our Weekly Sermon-By N. A. McCune

has cost them friends, and they have left their families. Many a night, I suspect, when the disciples were in following the Nazarene is going to be worthy causes are not dead. to turn out, in the end?

"left all," but he has done several things. He is an attendant at church, and thus invests that much time. He is a church worker and invests labor. If he is an intelligent member he the church with the whole world. He world over, for as much knowledge of sign of life. the true God as this average church all he has invested in religion. It is in the world to come, eternal life." went as missionary to Africa and lost upon his face. And in the same way the results of his work showed hun- he knows what he is talking about, dreds of blacks who a year or two be- and we feel and know that we can fore had never seen a book, able to trust Him. To follow Him is to get the read the New Testament. That was most possible out of the life that now

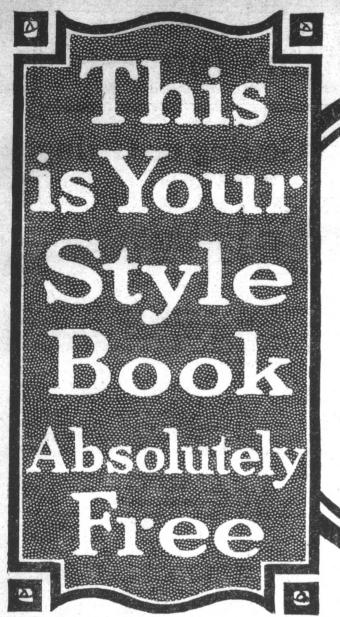
N the tenth chapter of Mark, St. Or here is Saint Peter himself. At first Peter asks a question which, in a man of uncertain mind, a waverer, modern terms would read, "What he becomes a rock, and the leader and do we get out of it?" The passage runs comforter of thousands all over Asia like this: "Peter saith unto him, lo, Minor and Europe in the first century. we have left all and have followed If ever a disciple of the King got imthee. Jesus saith unto him, there is mense returns from his investment, he no man who hath left home or breth- was the man. And here is Mr. Charren or sisters or father or mother or rington, of England, who gave up a wife or children or lands for my sake fortune of seven millions rather than and the gospel's, but he shall receive be identified with his father's brewery now in this time an hundred fold, business. Charrington for years has houses and brethren and sisters and been known and admired by thousands mother and wife and children and and if Great Britain ever adopts prolands, with persecutions, and in the hibition, he will have been one of the world to come, life eternal." Peter's chiefest of the chief to bring about that question is a natural one. He and his result. He literally left "houses and fellow disciples have literally "left all." brethren and sisters and father and They have left their business, and that mother and lands," and who would has cost them money. They have had dare say he had not gotten returns to break with old associations, which "now in this time," of a hundred fold.

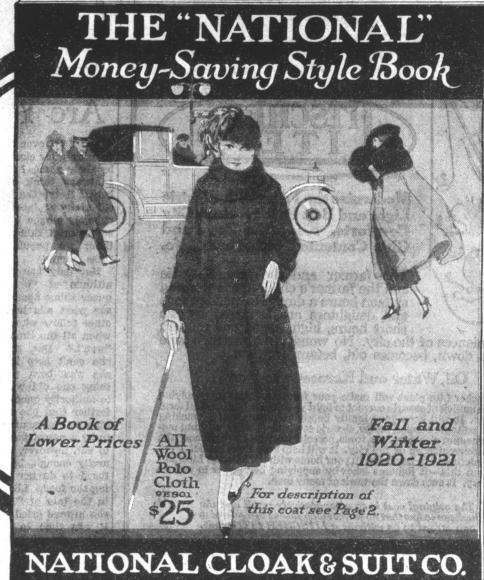
WITH persecutions." Sometimes we are called on to endure persecusome distant city, Peter thought of the tion. Isn't that fine? Is it not delichildren at home and wondered if all cious to think that there are still great was well. And now the question will causes worth suffering persecution not down, is it worth while? Perhaps for? All the mighty truths, all the disappointing, after all. Perhaps we would shudder to think that all the big will be disillusioned. How it is going truths were settled, so that there would never again be a call for the heroic. Persecution is honor's badge. A ND Christ gives Peter that won-derful reply. He says that no It is like the white corpuscles in the matter what one may invest in discipleship of money or sacrifice or lameness that follows unaccustomed labor, he will be rewarded one hundred exercise, showing a vigorous readjustfold, in this life, besides the life to ment. When those ministers who come. In asking ourselves whether stood up for certain strikers in Chicago this works out in actual practice, let were arrested for doing picket duty, us take the case first of the average that was an honor. When Mr. Bryan church member. He has not exactly was ridiculed for standing true to his convictions on prohibition in the Na-Democratic Convention, it showed that the spirit of the crusader is not dead in the "Great Commoner."

Persecution may exist in the high

knows that he is connected through school, when cheating is common, and some boy refuses to stoop to it. It also knows something of a religious may appear among merchants, when experience. God to him is a reality, one merchant is content with a mod-Men have given their lives for this est profit and will not profiteer on the knowledge. They have traveled the public. Wherever it is found, it is a

member possesses. And when death A ND in the world to come, life comes to the family, he hears the minister read something about "He that wonderful, if they applied only to this believeth in me, though he were dead, life. We receive returns of one hunyet shall he live." Thus far, Mr. Av- dred per cent now. But to crown it erage Church Member has received an all, and make it perfect as only God easy one hundred per cent increase of can make perfect, he adds this, "And the best business investment he ever Some way we respond to those words made. But suppose our friend is an as if by instinct. No one makes us exceptional case, and really has, as believe them. We want to believe Peter said, "Left all" for Christ. Sup- them. They are perfectly natural to pose he is a missionary and has left us. When children are turned loose the opportunity of money making, and on the lawn to play, they laugh and his aged parents, and gone to far-off run, as by second nature. When Moses foreign lands. Take Alexander Mac-heard the voice out of the burning kay, who was a civil engineer and bush, instinctively he obeyed, and fell his life there. Mackay saw many of we respond to the words of the Galithe natives leave their superstitions lean King, when he talks about the and begin new lives. After his death other world. We feel and know that Mackay's increase of a hundred fold. is, and that which is to come.





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## Woman's Interests

## Are You Getting or Giving?

folks happy.

Her only bar to happiness is that In school the teachers made the take nourishment until she was forced do. to by a perspiring nurse. Once induced The idea pursued her straight to the she refused to help get it. If she had do the work. And he won't do it! only had a brave mother or father She never would be bothered with

when she was coming up!

O YOU ever think of your friends metic, or take a bath, or go out and by their characteristics instead of gather a bouquet, or make a dish of by their names? There's one woman fudge, or run over to a neighbor with I always think of as the "I won't" a glass of jelly. And mother never set lady. It typifies her exactly, and in her foot down hard. Sister, who was cidentally explains why she is the most good natured and easy to get around, unhappy person I know, though so far grumbled some, but did the dirty work. as material things go she has every- So mother and sister both encouraged thing we popularly suppose makes the "I won't" habit rather than have a fuss.

attitude of "I wontness." And the same mistake. Some idea about getqueer thing about it all is, she can't ting along without antagonizing the see what ails her. It is always the girl led them to overlook all sorts of other fellow who "won't" in her eyes, idleness, "cribbing," insolence and when all the time she is the one who flunking. The girl was slid through 'won't." But, poor thing! Perhaps school, not on her merits but because she can't help it. Her mother says her father had strong political influshe was born protesting. The first ence and was a supporter of the superthing she did was to yell, according intendent of schools. It is little wonto authority quoted. And mother adds der that she grew up thinking she further that she absolutely refused to needn't do anything she didn't like to

to eat, however, she took to that nat- altar. While her lips said, "I will," urally enough, but always she has re- her thoughts said, "I won't." And she fused to do her part towards provid- hasn't. At first, until the glamour wore ing the food. Like the greedy animals off, it worked all right, but later husin the tale of "The Little Red Hen," band began to rebel. She wouldn't be she always cried out, "I won't," when bothered with his family running in it was time to sow and reap and whenever they felt like it, so she gather into barns. And when meal-started a family quarrel. She wouldn't time came, unfortunately for her, no do housework, and, until the war, that one was found brave enough to do as got by satisfactorily. But since dothe little red hen did, shoo her away mestic help has become scarce things from the table, and gobble up every- haven't gone well. Husband flatly rething. She was allowed to take her fuses to live in a boarding house, and share—and a little more—even though if they live at home someone has to

children, but now nursemaids demand But she hadn't. When it was time such wages they are beginning to be to wash dishes or set the table or make classed with luxuries. So the "I the beds or dust or do ony disagreeable won't" lady finds herself in a hardwork, it was always just the psycho-place. If there was only someone to logical moment for her to practice her take them for a half day occasionally, music or get the next day's arith- but she has quarreled with everyone



These two girls, Edna Nordstrom and Lempe Alanen, members of the Hilltop Sewing club, gave an interesting garment making demonstration at the recent Cloverland Round-up in Chatham, Alger County. They were wearing neat dresses which they had made as part of their club work. Their demonstration made many converts to the boys' and girls' club work, being conducted in the state under the direction of Miss Barbara Van Heulen.

in her husband's family, and her own family are openly exultant at her predicament. Though that doesn't seem exactly fair, seeing they helped to make her what she is.

Altogether the "I won't lady" isn't very happy, and all owing to her attitude towards life. She started out determined to grab only what she liked and to steer clear of what she didn't like, and has found out it can't be cone—always. And instead of blaming herself she blames everyone else. If she could only see that life must have its disagreeable side as well as its pleasantness. If she could only see that "I will" gets farther than "I won't."

### WATERPROOFING AN OLD RUG.

Household Editor:—A few weeks ago in your paper was a request for a method for making an old rug serve as a linoleum. I wonder if this is not the information wanted:

Mix one-half pound of finely powdered alum and seven pounds of flour with enough cold water to make a smooth paste. Then pour on boiling water to thin it, and cook well until the mixture is a cream color, stirring meanwhile to prevent lumping and burning.

When this paste is cold, work into the carpet with a brush. When dry paint with any reliable ready mixed floor paint, using about one and one-half gallons to fifteen yards of carpet. This can be cleaned the same as linoleum.—Mrs. D. F. K.

### "EVERY STEP IN CANNING."

For the woman who is interested in putting up fruit and vegetables, "Every Step in Canning" will be a valuable first aid. This gives full directions for cold pack canning and for preserving all sorts of foods, meat, fruit and vegetables, in all sorts of ways, drying, smoking, pickling, fermenting. The directions are very simple and thorough, and no one can make a mistake if they are followed explicitly. Published by Forbes & Co., Chicago. Price \$1.25.

### MUSTARD PICKLES.

Household Editor: Please publish recipe for chopped mustard pickles where tumeric and flour are used.—A Reader.

Pickles.-One Mustard hundred small cucumbers, one quart of small white onions, two medium cauliflowers, two bunches of celery. Separate cauliflower into flowers and cut in pieces, cut celery, mix all vegetables and cook tender in enough water to cover, with one cup salt. Mix one cup flour, six tablespoons mustard, one tablespoon turmeric powder, add cold vinegar slowly, stirring constantly till smooth paste forms. Then add one cup sugar and two quarts of vinegar and cook over hot water, stirring constantly at first, then occasionally until like boiled salad dressing. Heat vegetables in this, and put in crocks or fruit cans. This makes one gallon. Small cucumbers which need not be cut are nicer for this, but large ones may be used and cut in inch pieces.

In the matter of ironing, it will save steps to place the ironing board and the basket of folded clothes near the clothes bars, instead of walking across the floor to get the clothes from the basket, and to hang them on the bars after they are ironed. Still we have seen women walk miles while doing an ironing.



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## Our Boys' and Girls' Department

## The Muskrat Takes an Added Importance

By R. E. Borradaile

THE boys and girls who have quently a trapper's whole catch would vironment. Once introduced to

that they represent undue inflation of at increasing values.

watched the fur market know that sell for an average much lower than swamp, however, it should not be difthe crest of the rising wave of fur twenty cents. The October sales at ficult to obtain good returns from the values was reached in the auction sales St. Louis in 1915 show that muskrats investment because of the rapidity of last February and March, when the sold as high as thirty-six cents, where-with which they breed.

much despised weasel's pelt sold as as four years later they brought as Those persons who are familiar with high as \$4.10, the common muskrat at high as \$5.10. This phenomenal ad- the habits of these animals can recall \$7.50, the odoriferous skunk at \$12.52, vance is responsible in a large measure many an instance when marshes that the cunning raccoon at \$30, the red for the rapid reduction in the numbers were trapped practically bare of muskfox at \$71, the sly lynx at \$66, the of muskrats available, and has made rates were repopulated again by the highly-prized mink at \$75, and the rap- the swamps which the animals inhabit time the next season arrived. This is idly disappearing otters, martens and of commercial value. Overflow land, not difficult to understand, however, fishers at \$105, \$201 and \$365 respec- which could not be disposed of and when we realize that muskrats build tively. Prices receded from these high which had practically no market value, from three to five times a year and positions in the May sales, the decline has returned excellent dividends when average six to eight young to the being about twenty-five per cent, but capitalized at thirty to forty dollars an litter. this leaves prices still at almost an acre. In fact, in Eastern Maryland, incomprehensible level when consid- where some of the best dark muskrat who made a detailed study of the ered in terms of only a few years ago. pelts are obtained, much swamp land muskrat, stated that normally the ani-These prices are significant, how- which was the home of muskrats mals mate in March and the first litter ever, and authorities do not consider changed hands several times last year is born in April; a second litter is due



A Typical Muskrat House, Such as Is Found on Thousands of Michigan Swamp Land, But Which Are Rapidly Becoming Less Numerous.

shortage in furs of practically all have profited for many years from the kind of animal husbandry.

winter was fifty per cent less again, most common. or three years.

1917 took over eight hundred thousand charge of the fur-farming work in the muskrat with its great breeding promuskrats, in 1918 they took less than Bureau of Biological Survey of the De-pensities may be herded and coddled three hundred thousand, and in 1919 partment of Agriculture, states that he in marsh land so that we may be proabout one hundred fifty thousand. is confident that muskrat farming can vided with its necessary and durable This occurred in spite of the fact that be carried on successfully in many lo- pelt. eleven men set traps for these little calities in this country. He believes animals for every ten of the previous that almost any swamp can be utilized year. In the towns at the mouths of for this purpose if the owner will see many of the small rivers in the Middle that the few enemies of the muskrat West, the inhabitants point to a new are kept from the swamp, that there house, a limousine, a farm or business is no poaching, and that the animals block built with money made from the have plenty to eat. He believes that sale of muskrats during the last two by feeding muskrats they will be less likely to leave the area, and that they Two decades ago when these little will multiply more prolifically. As a animals were very much more com- matter of fact, the muskrat sometimes mon than at present, the value of a travels long distances, and it may be prime muskrat pelt was from twenty necessary to fence the area unless the Clifford Hill Looks Forward to Owning to thirty cents, and in off years fre- rats are kept contented with their en-

The late Professor David E. Lantz, in June or early in July; and a third values, but rather reflect the marked The farmers of the Eastern Shore in August or September. In favorable seasons a fourth or even a fifth litter may be produced. The gestation period is no longer than 21 days and the young are born blind and develop very rapidly. Generally, the young are born in underground burrows.

Muskrat food is always abundant since the rodent's diet is chiefly herbivorous. Aquatic plants, such as pond lilies, arums, sedges, roots of cattails, weeds and rushes form their chief source of food, but occasionally they feed on mussels or sluggish fish which bury themselves in the mud. When the pond is frozen the rats live almost entirely upon roots found under water. In summer their diet is more varied, including leaves, fruits, and when obtainable, vegetables. In fact, the diet of these animals is so varied that it would not be a difficult talk to furnish supplemental feed if they were kept on a swamp or other limited area with the rat population greatly increased above normal.

The owner of swamp land or other kinds. Within the next few years we sale of muskrats, but never before habitat muskrats has no cause for will have to determine whether we have they realized what an asset they worry because of the possibility of will go without furs, or whether we had in this land which is good only muskrat pelts becoming materially will resort to domesticating fur-bear- for raising these fur-bearing animals, cheaper and in less demand. The fur ing animals, and thus create a new In this section of the country musk- is of excellent quality and durability rats frequently build houses of cat- and has a good value when sold in High prices for furs will greatly tails, reeds, rushes, grass, brush, and manufactured form as muskrat fur. A shorten the time when our supply of other material, and it is much easier great amount of it, however, is sold raw furs will be entirely inadequate to to trap them than where they build to a gullible public under other names. meet the demand. The fur of the musk- their homes by digging holes in the The handsome garments known as rat probably has been the most com- banks of ponds or streams. The musk- "Hudson seal" in the fur trade are mon source of cheap fur and has been rat farmer in Maryland who does not nothing more than sheared and dyed camouflaged to represent more expen- actually trap the "rats" himself goes muskrat. It also masquerades on the sive furs than any other pelt, but the to the swamp in the fall and counts market as "river mink" and "ondatra supply is diminishing at an astonish the number of houses and decides on mink." However, the beauty of the ing rate. A raw fur buyer in Boston about how many animals he can af- better grades of muskrat fur, dressed estimates that the supply in the win- ford to remove. Then he either hires in natural color and unplucked, is beter of 1918-19 was fifty per cent short a trapper or allows him to trap there coming better recognized and its lusof normal, and that of the following on shares, the latter method being the trous sheen is seen in coats, boas, and muffs. Thus, with the rapid depletion In the state of Wisconsin, trappers in Dr. Ned Dearborn, recently in of fur supplies generally, the lowly



a Large Herd.

### A LETTER FROM UNCLE ED.

Dear Boys and Girls:

It greatly pleased me to read in our favorite farm paper, The Michigan Farmer, that the editor was going to turn over to us a generous amount of space for the consideration of things that are of interest to boys and girls. In my mind I caught myself kicking up my heels, because I believe in boys and girls. I was a boy myself once. There were six of us in my father's family, and I was the oldest, so that I know something about boys and girls. Three of us were boys and three girls. Could anything have been finer than that? Somehow it always seems to me that it is not quite as fine as it ought to be to have a big family all of boys or all of girls. Of course, it is all right if it comes that way, and yet, don't you think the young folks are a little bit happier when there are some boys and some girls?

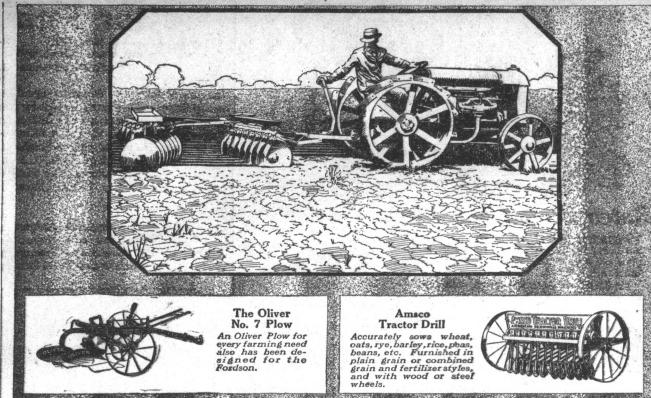
What Are You Thinking and Doing? So let's talk over in this department the things that interest us. Every farm boy and farm girl knows and does something that other farmer young folks do not know so much about. Few young people but have plans and dreams and aspirations that are peculiar to themselves. Come on, boys and girls. Let's sit down in our quiet chimney corner and think and talk and plan together. If you are doing something worth while in any line, tell us about it. We can be very helpful to one another, I am sure, and enjoy ourselves thinking that we belong to the great Michigan Farmer family, a family than which there is none finer in all the world.

Standing Up For Father and Mother. A little chap I know is always ready to fight for his father at the drop of the hat. A man said something he did not like about the calves on the farm. In his estimation they were not worth keeping. This was because he liked another breed better, and then, too, I do not think he half meant what he said, but wanted to see what the boy would say. As quick as a wink the boy fired up. "Those calves are all right, sir! My papa raised them and he wouldn't have them if they were not all right. They are not your calves and you don't have to have 'em if you don't want 'em!" This was not said in a saucy way and it pleased the man, but he did not say any more about those calves not being just the thing. It is a fine quality to stand up for father and mother. Can you think of an old word, with a wonderful promise, for those who honor their parents?

Would You Have Done It?

A boy I know of climbed a sapling to the very top. While he was up there, another boy who had an axe cut the tree down and let it fall, boy and all. As luck would have it, the boy in the treetop was not injured, but it was a wonder he was not. I was the boy in that tree, and it always seemed to me the boy with the axe did a pretty mean trick. I never have forgoften it of him, and he has not been to me just the chum he was before. Now, would you have done a thing like that? I don't believe any of our boys would have so far forgotten the part of a man as to do a thing so unkind. Serious results might have resulted; and at best, a boyhood friendship is worth more than the momentary joy of getting the advantage of one when he was in a tight place. UNCLE ED.

Laura McDoogle says that whenever she tried to get something for nothing she finds she has got nothing for something. She has cut out going to bargain sales when she don't need anything. Mr. Patrick McDoogle, who is her husband, is now saving money and both of them are going to the State Fair this year on the money saved by the bargain sales they don't go to.



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The Roderick Lean Automatic Disc Harrow, built purposely to work with the Fordson, is now considered a most necessary implement by thousands of American farmers.

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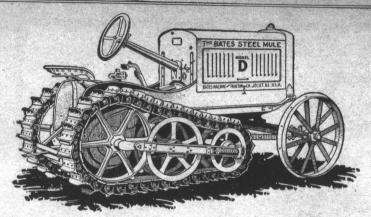
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### Our Farm Bureaus

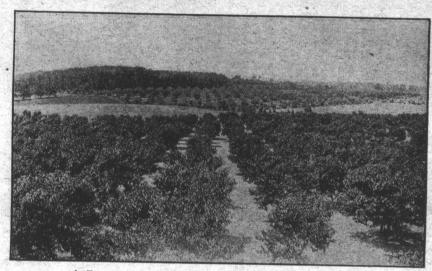
(Continued from page 337.) exhibitors of both sexes. There will Other farms visited were Stuart be at least fifty pigs exhibited by mem- Acres, G. E. Lockwood and Reed Mcbers this fall.

tests with pure Duncan and Silver two miles south of Albion, we looked King corn this year. They are being over a splendid herd of Holstein cattle. led by Supt. Nelson of the Tekonsha At the head of this herd is a young school, and G. W. Wallace, Y. M. C. A. bull, Sir Ormsby Ortian Segis, whose secretary of Calhoun county. The seed sire is Sir Ormsby Hengerveld Kornwas furnished by the County Farm dyke, and whose dam is Lola Pontiac Bureau.

A MONG the prosperous farmers ager is R. H. Lyhe. visited during the ride through

farm are among the best in the state. Carty, all near Marshall. At Stuart In the vicinity of Tekonsha about Acres we inspected alfalfa, flax tests twenty boys are carrying on ear-row and fruit. At the Berkheimer farm, Segis. The owner of the farm is J. F. Berkheimer of Detroit, and the man-

At Haskel Finley's farm, four miles Calhoun county were the following: southwest of Homer, we inspected oats Orwin Adams, who has a splendid farm and barley variety tests. Several va-



A Fine Peach Orchard on the Garfield Farley Farm.

south of Goguac Lake in Battle Creek rieties of pedigreed grain were grown in this section of the county.

G. T. Fuller is a practical and pro- of the state. gressive farmer and breeder of pure acres.

T. W. Sprague, owner of the Wol- ery square foot of ground. verine herd of Holstein cattle, is business.

dairy farmers of the county, owns and one of the oldest farms in the county. operates a fine farm west of Marshall. and is active in organization work.

township. Mr. Adams is a dairy farm- beside local varieties. These tests are er. He is active in farm bureau work, proving of great benefit in determining and a leader among the dairy farmers the value of the different varieties of small grains in the different counties

At I. F. Wood's farm, two miles bred Shorthorn cattle. His farm is sit- south of Finley, we walked through a uated between Battle Creek and Leroy fine field of alfalfa. It was the Grimm townships and consists of nearly 250 variety seeded with barley as the nurse crop. The stand was excellent on ev-

At the farm of Geo. McKinn, oneknown far and wide among the live- half mile south of Farley Brothers, we stock breeders of the state. His farm found a splendid herd of Poland China is four miles southeast of Battle Creek swine. At the head of the herd is that and is thoroughly equipped for con- good boar Commander-in-Chief. His ducting a milk producing and breeding sire is Hadley Wonder, and his dam is Mouw's Wonder. The McKinn farm B. K. Bentley, one of the leading contains 160 acres of fertile soil and is

About two miles from Union City we He keeps a large herd of dairy cattle visited J. A. Barnum, the veteran breeder of Barred Plymouth Rock One of the most interesting farms in fowls and Shorthorn cattle. Mr. Barthe county is owned by Farley Broth- num is a progressive farmer and ers, and is situated three miles south breeder and has some of the best of Albion. Here we found one of the Barred Rocks in the country. He has best peach orchards in the state, not been a prominent winner at some of excepting the Michigan Lake Shore re- the big poultry shows and has the gion. Some of the alfalfa fields at this medals and ribbons for evidence. He



T. W. Sprague's Holstein Herd.

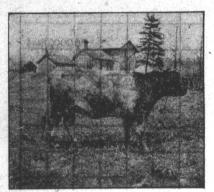
is also breeding pure bred Shorthorn cattle and his herd contains some of the good Scotch and Scotch-topped blood lines. Mr. Barnum is a member of the American Plymouth Rock Club, and was for some time employed in the office of the American Shorthorn Breeders' Association at Chicago. He understands the principles of breeding pure bred fowls and stock, and is making a success of the business on his

A MONG the facts of interest concerning the Calhoun County Farm Bureau, it might be well to mention that it has handled as much wool as any County Farm Bureau in the state.

It has taken the lead in purchasing fire extinguishers for members so that they will have better fire protection.

It has placed a larger number of membership signs on the premises of its members than any other county in the state.

It has been more successful than any other county in collecting from its members. This has partly been due to



Scotch Topped Shorthorn, Owned by J. A. Barnum.

the co-operation of the bankers, who have assisted in making collections.

It has conducted the most successful tractor demonstration ever held in Michigan, at which a 30 acre field was plowed in less than two hours.

Eighty-five per cent of the farmers of the county have joined the County Farm Bureau.

It is organized into township and district units. 'At the head of the township units there is a president, vice-president and secretary-treasurer. At the head of each school district there is a chairman. Many of these local officers are putting a great deal of time and energy into their work.

Among the other organizations which have contributed to the success of the County Farm Bureau's business program are the seven subordinate and one Pomona Grange, the Battle Creek Community Club and the six substantial Farmers' Clubs. All of these organizations have co-operated to make their County Farm Bureau one of the strongest in the state.

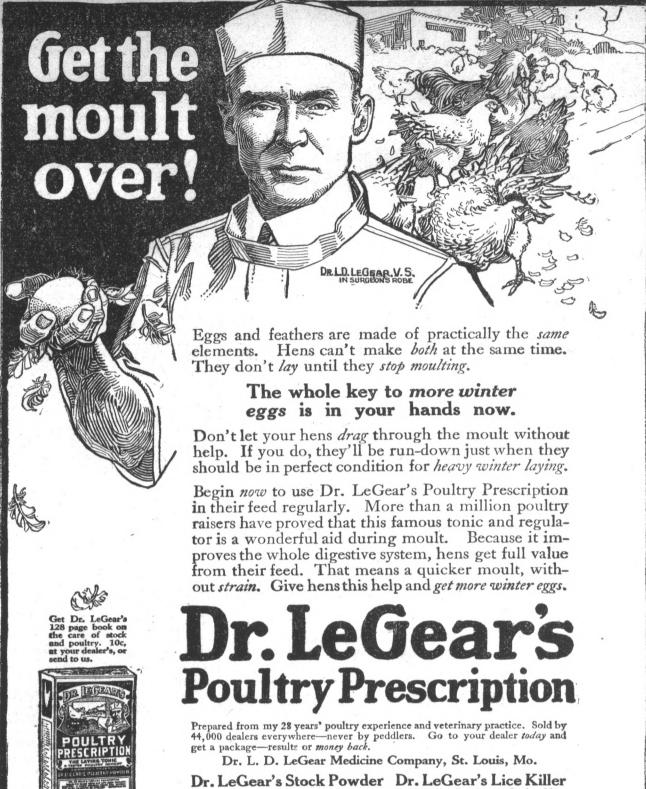
### THE VALLEY OF THE GIANTS.

(Continued from page 350.) ain't enough time, see me and I'll get you thirty days more. And in the meantime nobody knows a thing about this little deal. What's more, they won't know. I figured Colonel Pennington might try to block you at that crossing so I-

Buck Ogilvy extended his hand in benediction and let it drop lightly on Poundston'e thin shoulder. Henry quivered with anticipation under that gentle accolade and swallowed his heart while the great Ogilvy made a portentous announcement.

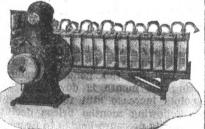
"My dear Poundstone," he said earnestly, "I am not a man to forget clever work. At the proper time I shall-" He smiled his radiant smile. "You understand, of course, that I am speaking for myself and can make you no firm promise. However-" He smiled again. "All I have to say is that you'll do!"

"Thank you," said Henry Poundstone, Junior. "Thank you ever so (Continued next week.)



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Pullets and cockerels. From thorough-bred Baroa White Leghorns the type that are bound to make good producers. Raised on free range. Every bird guaranteed and shipped on approval. Send for prices and catalog. A few Barred Rock Pullets. Brummers Poultry Farm, Holland, Mich.

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Both combs. Special discount on early orders, Write for Price List. INTERLAKES FARM, Box 39, Lawrence, Mich.

Barred Rocks egg contest winners, eggs from strain \$2.00 per setting prepaid by P. P. Circular free, FRED ASTLING, Constantine, Mich.

owler's Buff Rocks. We are now booking or-bookerels left. R. B. FOWLER. Hartford, Mich.

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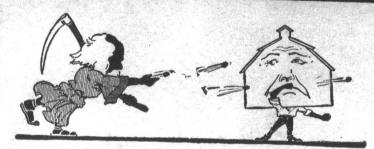
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When you think what barns cost to build these days, it

makes a cold chill run up your back. Happily for you, however, you can protect your barn from the biggest stones the old man wants to throw.

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For Sale: Guernsey bulls from 3 months to 6 months old. Their sire is DOTTIE'S PRINCE No. 44996; his dam has an official yearly record of 647 lbs. butter fat.

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CUERNSEYS—Federal Inspected. Headed by only on of Carrie of Hillhurst, exchampion of A. A. class. 5 bulls under 10 mos., 1 a dandy whose dam in class D has given over 50 lbs. milk. No females to spare. G. W. & H. G. RAY, 4 mi. east of Albion, Mich.

Registered Guernseys a very fine show calf, this bull calf is out of a cow milking 40 lbs, a day, the price will calf is out of a cow milking 40 lbs. a day, the price will surprise you, better get his pedigree.

J. M. WILLIAMS, North Adams, Mich.

GUERNSEY BULL CALVES whose 19,460.20 milk, 909.05 fat. Their mother's sire's dam made 15,109.10 milk, 778.80 fat.
T. V. HICKS. Battle Creek, Mich.

GUERNSEYS -REGISTERED BULL CALVES HICKS' GUERNSEY FARM, Saginaw, W.S. Mich.

FOR SALE Registered Guernsey heifers, yearlings and calves.
E. A. BLACK, Route 3, Howard City, Mich.

M ay Echo Sylvia Bull calf. 2 crosses to May Echo Sylvia, and 3 crosses to King of the Pontiacs, Dam a 2 yr. old daughter of a 29 lb. cow, 6 of his nearest tested dams average 34.49 lb. of butter and 759 milk. C.H. GIDDINGS, Gobleville, Mich.

For Sale Mixter Saracen. 1st prize Guernsey Bull at Michigan State Fair of 1919.

Age 20 mos. Also two young purebred Guernsey cows of excellent breeding. Priced to sell. Write or come to see them. S. W. SOMMER, Dryden, Mich.

GUERNSEYS Registered Guernsey Bulls for sale. GEO. N. CRAWFORD, R. 2, Holton, Mich.

31.06 lb. butter 571.46 lb. milk in 7 days, is dams of 2 me, old bull. Price 150. Terms. M. L. McLAULIN, Redford, Mich.

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Better get on the list for one of his sons out of a daughter of Flint Maplecrest Boy.

JOHN H. WINN, (Inc.) Roscommon, Michigan

LONG DISTANCE HOLSTEINS HERD (Prince Ona) 286555 Five dams av 1186 lbs. butter and 24771 lbs milk in 1 yr. Only 1 good bull calf left, born Nov. 18th '19, dam untested. 8100. State and Federal supv.—a clean herd. A. FLEMING, Lake, Mich.

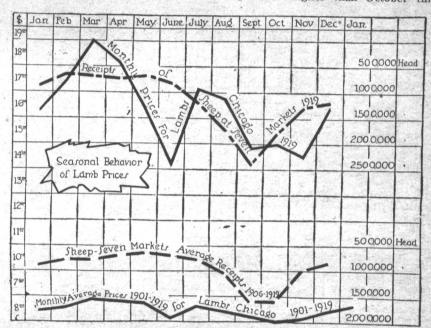
### Seasonal Behavior of Lamb Prices

a market. The chart accompanying tion. this article shows you when to expect The regularity with which these high or low prices for lambs.

lamb market has been measured by nineteen years, February has been a average prices at Chicago and the av- higher month than January in nine inerage monthly receipts of lambs and stances and equal to January once; sheep at the seven leading markets. March has been higher than February Even more than is true of hogs, the fifteen times and higher than April lamb crop is born within a compara- eleven times; April higher than May tively short period of the year and the nine times and equal once; May highbulk marketed when less than a year er than June seventeen times; July of age. The largest number arrive higher than June fourteen times (due during the early fall months, coming to change of quotations to new crop direct from their dams and from grass. lambs); July higher than August four-When fed lambs constitute most of the teen times; August higher than Sepsupply during the later winter and tember fifteen times and equal once; early spring, numbers are much fewer September higher than October thir-

GRAPHIC chart is often the easi- the lambs so as to get to market beest and clearest way to visualize fore midsummer drop is one applica-

price changes have taken place may The normal seasonal trend in the be summed up as follows: In the last



average of fourteen years.

ways been highest during March, April time. and May, because of the lighter supply and the good demand for lamb which showing receipts and prices for that prevails at that season.

upon new crop lambs. These are of the drought-stricken northwestern higher priced than old crop lambs range states. However, demand was The rise in price is apparent rather that prices held up well under the than real for the general tendency deluge. March was the high period, during the month is downward. As the receipts being lightest for that receipts increase still further during month in 1910 and consumptive capacthe following months prices decline, ity undoubtedly has increased in the When this pressure begins to decrease last nine years. April and May rein November prices advance. There is ceipts were the largest for each month almost invariably a decided rise from during the last five years, while June October and November to the first receipts were largest since 1911. The months of the following year.

Flint Maplecrest Boy No. 166974

The difference in prices between the excess.

October, the low month which averages cline of prices. October, the low month which averages cline of prices during these months \$8.01, and the high months, March and was due to the larger percentage of April, both of which average \$8.93, is shorn lambs which were unusually 92 cents, a very substantial difference abundant this year. September rein favor of the man who chooses those ceipts were the largest for any single months in which to market his prod- month in the last fourteen years, while uct. However, no feeder who has lambs August, November and December reready to sell in October could afford ceipts also were larger than those for to hold them till March for the in- the corresponding months of any recreased price, but the understanding cent year. Damage to the price list of such seasonal tendencies in prices has been rapidly repaired, however, should be useful to a farmer in plan- since supplies began to decrease. ning his method of sheep production and in the choice of seasons for the conduct of lamb feeding operations, sume more than 4,000,000 pounds of Early breeding of ewes and forcing of butter daily.

and more uniform from month to teen times and equal twice; November month. The variation in supplies higher than October ten times; and throughout the year is extreme, over December higher than November two and one-half times as many arrive eleven times. If the last eighteen inin October as in May, based on an stances January has been higher than the preceding December seven times You will notice lamb prices have al- and equal to December the eighteenth

The history of the lamb market durduring the first five months of the year, ing 1919 is chronicled by the lines year. These lines also furnish an ex-The price break noticeable in June ample of the way an individual year is due to the start of the lambs of the may depart from the average. Total new crop, which put at a discount old receipts for the year at seven markets crop lambs upon which the quotations were the largest on record, due to the used here are based during that month. enlargement of the Corn Belt, as well The supply is enlarging also. In July as range production during the prethe run is still larger, but during this ceding years. Normal supplies were month and after quotations are based augmented by liquidation on the part which after July 1 class as yearlings, strong for the meat, wool and skins, so dressed trade was unable to absorb However, part of the de-

The people of the United States con-

### GREATEST STOCK SHOW.

(Continued from page 342.) judging one could hardly help but have a suspicion that cattle which are well handled and respond to coaxing and commands at least have a better show with the judges. The heifer or cow that is properly handled in the ring will instinctively strike a better pose before an audience or judge that gives her a distinct advantage over an animal of equal merit handled by a herdsman who does not understand the fine points of handling his charges before the judge. The awards were as fol-

Bull 3 years or over—C. H. Prescott & Son, Tawas City, 1st; Carpenter & Ross, Mansfield, Ohio, 2nd; W. C. Rosenberger & Sons, Tiffin, Ohio, 3rd. Bull 2 years old—M. & J. Shaffner, Erie, Pa., first; John Lessiter's Sons, Clarkston, 2nd; Carpenter & Ross, 3rd; Chaslen Farm, Northville, Mich., 3rd.

Senior yearling bull-Carpenter &

Ross, 1st,
Junior yearling bull—W. C. Rosenberger & Sons, 1st; Prescott, 2nd;
Carpenter & Ross, 3rd and 4th.
Senior bull calf—Prescott, 1st; Rosenberger, 2nd; Carpenter & Ross, 3rd;
Prescott 4th

Prescott, 4th.
Junior bull calf—Prescott, 1st and

2nd; Rosenberger 3rd and 4th. Cow 3 years or over—Rosenberger, 1st; Shaffner, 2nd; Lessiter, 3rd;

Chaslen, 4th.

Cow 3 years old and over and calf—
Carpenter & Ross, 1st; Lessiters'
Sons, 2nd; Chaslen, 3rd.

Heifer 2 years—Rosenberger, 1st;
Carpenter & Ross, 2nd and 3rd; Lessiters'
Sons, 4th.

Senior yearling heifer—Shaffner 1st;

Senior yearling heifer—Shaffner,1st; Prescott, 2nd and 3rd; Carpenter & Ross, 4th.

Junior yearling heifer—Rosenberg-

Junior yearling heifer—Rosenberger, 1st and 4th; Prescott, 2nd and 3rd. Senior heifer calf—Prescott, 1st and 3rd; Rosenberger, 2nd; Shaffner, 4th. Junior heifer calf—Rosenberger, 1st and 4th; Prescott, 2nd and 3rd. Senior Champion bull—Schaffner. Junior Champion bull—Rosenberger. Grand Champion bull—Rosenberger. Senior Champion bull—Rosenberger. Senior Champion bull—Rosenberger. Junior Champion female—Shaffner. Junior Champion female—Shaffner. Grand Champion female—Rosen-

Aged herd—Rosenberger, 1st; Car-penter & Ross, 2nd; Lessiter's Sons,

3rd.
Young herd—Rosenberger, 1st; Prescott, 2nd; Carpenter & Ross, 3rd;

Calf herd—Rosenberger, 1st; Prescott, 2nd; Carpenter & Ross, 3rd; Lessiters' Sons, 4th.

Four animals get of one sire—Prescott & Sons, 1st; Rosenberger, 2nd; Carpenter & Ross, 3rd; Schaffner, 4th. Two animals produce of one cow— Prescott, 1st; Rosenberger, 2nd; Car-penter & Ross, 3rd; Schaffner, 4th. Best heifer calf bred and owned by

exhibitor-Chaslen Farms, 1st.

### Polled Shorthorns.

L. C. Kelly of Michigan and Simons & Son of Indiana divided honors as follows in the Polled Shorthorn

Bull 3 years or oven—L. C. Kelly, Plymouth, Mich., 1st.
Bull 2 years old—C. E. Simons & Sons, Geneva, Ind., 1st.
Senior yearling bull—Simons.
Junior yearling bull—Kelly.
Senior bull calf—Simons, 1st; Kelly,

Junior bull calf—L. C. Kelly, 1st;
B. D. Kelly, Plymouth, Mich., 2nd.
Cow 3 years old or over—Simons,
1st; B. D. Kelly, 2nd; L. C. Kelly, 3rd.
Heifer 2 years old—L. C. Kelly, 1st;
Simons, 2nd; B. D. Kelly, 3rd.
Senior yearling heifer—B. D. Kelly,
1st; Simons, 2nd; L. C. Kelly, 3rd.
Junior yearling heifer—L. C. Kelly,

Junior yearling heifer-L. C. Kelly, 1st; B. D. Kelly, 2nd; Simons, 3rd. Senior heifer calf—L. C. Kelly, 1st;

B. D. Kelly, 2nd.

Junior heifer calf—Simons, 1st and 3rd; L. C. Kelly, 2nd; B. D. Kelly, 4th. Senior champion bull—Simons.
Junior champion bull—B. D. Kelly.
Senior champion female—L. C. Kelly.
Junior champion female—Simons. Grand champion bull-Simons. Exhibitor's herd-Simons, 1st; L. C.

Exhibitor's herd—Simons, 1st; L. C. Kelly, 2nd.

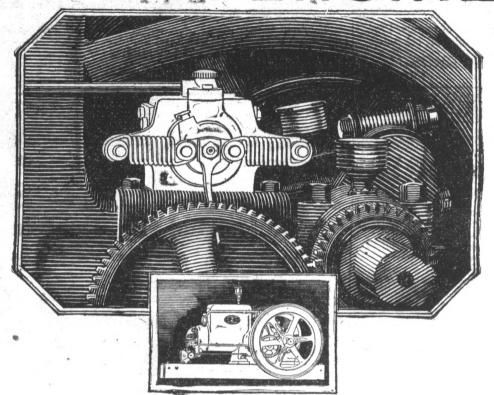
Breeder's herd—B. D. Kelly, 1st; Simons, 2nd; L. C. Kelly, 3rd.
Calf herd—Simons, 1st; B. D. Kelly, 2nd; L. C. Kelly, 3rd.

Four get of one sire—Simons, 1st; B. D. Kelly, 2nd; L. C. Kelly, 3rd.

Two produce of cow—L. C. Kelly, 1st; Simons, 2nd; B. D. Kefly, 3rd.

(Continued on page 361) (Continued on page 361.)

FAIRBANKS-MORSE "Z"FARM ENGINES



## **Built-In Bosch Magneto Insures Hot Spark**

"Z" Engine ignition—positive—from Bosch high tension magneto, built into every "Z" Engine, insures intense hot spark that gives utmost power from fuel.

The high tension system is simple - just a high tension magneto with spark plug—no complications—no moving parts. Magneto is high grade—has interchangeable parts—is as accurately made as a fine watch. It gives the "Z" added power—quick starting—smooth, steady

Other "Z" features are: Runs on kerosene as well as gasoline; more than rated power; parts interchangeable; clean-cut design; long life.

Call on your nearby dealer today and he will show you why you should have a "Z."

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### Purebred Holstein Cattle Save Labor

Whatever the amount of milk or butterfat you wish to produce, is it not better poilcy to use large-yield cows than to feed and shelter the necessarily greater number of small-yield cows? Use Holsteins and you save labor, feed, stable-room, equipment and risk. They stable-room, equipment and risk. They are always healthy and ready for work. Choose cows according to their capacity for converting coarse feed into milk. That is the function of a dairy cow, and that is where the big Holstein excels.

Send for Free Illustrated Booklets.

They contain valuable information for any Dairyman.

THE HOLSTEIN-FRIESIAN ASSOCIATION 164 Hudson Street Brattleboro Vermont.

### OUR HERD SIRE Model King Segis Glista

By a 30 lb. som of Lakeside King Segis Alban De Kel. Bis dam Glista Fenelle 32.37 lbs. Her dam Glista Er-nestine 3.56 lbs. His three nearest dams average over 37 lbs and his forty-six nearest tested relatives aver-age over 39 lbs. of butter in seven days. Write for pri-ces on his soms.

Grand River Stock Farms \$100 Buys Reg. Holstein Bull ready for service & Cory J. Spencer, Owner Eaton Rapids. Mich.

A Good Note accepted in payment of finely bred reg-of the best, and at prices within reach of all. Write, GEO. D. CLARKE, Vassar, Mich.

Holstein Friesian heifer and bull calves, purebred registered and high-grade. Price \$20 up. Splendid individuals and breeding. Write us your requirements. Browncroft Farms, McGraw, N. Y.

### TOP NOTCH"

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milk cows:— MATATA

842 lbs. milk in 7 days
3394 ibs. milk in 80 days
120 lbs. milk in 10 days
120 lbs. milk in 1 day
841 lbs. milk in 10 days
over 10000 lbs. milk in 100 days
060 lbs. milk in 100 days
2609 lbs. milk in 10 day
100 lbs. milk in 1 day
20864 lbs. milk in 1 day
20864 lbs. milk in 1 day
20864 lbs. milk in 1 day
100 lbs. milk in 1 day has raised many great milk I Officially Produced gov fbs. milk in I day
659 lbs. milk in I day
659 lbs. milk in I day
Others under test are making large milk records
A fine lot of young bulls from 3 imonths to 2 years
old for sale. Get a "milk" bull, and increase milk
Our herds are year.

production in your herd.
Our herds are under U. S. supervision.
McPHERSON FARMS CO., Howell, Mich.

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BULL CALVES FOR SALE

From dams with good records.
BULL CALVES SIRED BY 45 ib. BULL
BULL CALVES SIRED BY 34 ib. BULL
BULL CALVES SIRED BY 33 ib. BULL
PRICES VERY REASONABLE. Privelege of return if not satisfied.

A. W. COPLAND, Birmingham, Michigan. Herd under State and Federal Supervision.

## **CLUNY STOCK**

A Semi-Official Bred Bull to Head Your Head

Maplecrest Application Pontiac No.132652, heads
Our Herd

His dam's record is 1344.3 lbs. butter 23,421.2 lbs. milk in 365 days, and 35.103 lbs. butter and 5156 lbs. milk in 7 days.
One of his sons from our good record dams will carry these great blood lines into Your Herd.
For Pedigrees and Prices write to
R. Bruce McPherson, Howell, Mich.

### The Traverse Herd

We have what you want in BULL CALVES, the large, fine growthy type, guaranteed right in every way They are from high producing A. R. O. ancestors. Dam's records up to 30 lbs. Write for pedigrees and quotations, stating about age desired.

TRAVERSE CITY STATE HOSPITAL Traverse City, Mich.

### Increase the Efficiency of your

### DAIRY HERD

by using a

### Registered Holstein Sire

We have bulls of all ages listed at reasonable prices.
Also grade and pure-bred

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Michigan Holstein-Friesian Asso. Old State Block Lansing, Mich.

### Holsteins of Quality

for sale, Heifers from 8 to 24 monts old. All regis tered and sold subject to tuberculin test. E. A. HARDY, Rochester, Mich

BARGAIN PRICES on pure bred heifers and young bulls ready for service. JOSEPH H. BREWER, Grand Rapids, Michigan

### HEREFORDS

20 Cows and Heifers of popular breeding for sale also bulls not related.

### ALLEN BROS.

PAW PAW,

MICHIGAN

Herefords. Just purchased 3 new herds, now have 150 head; we offer you anything desired either sex, horned or polled, any age. Priced reasonable. THE McCARTYS, Bad Axe. Mich.

Herefords: 4 Reg. bulls 5 to 8 mo. old. Prices welcome. Reed Schultz. R. 3. Homer, Mich.

### HEREFORDS

D. S. Polled Herefords Herd headed by Renner Bullion. 815933. (18242) son of grand champion Bullion 4th.

For Sale—A few good polled and horned cows bred to this great bull. Also three fine bull calves not related to him. Correspondence solicited. Cole & Gardner, Hudson, Mich.

The Wildwood Farm

Jersey Cattle, Majesty strain, Herd on State accredited list, R. of M. testing constantly done. Bulls for sale. ALVIN BALDEN, Phone 143-5, Capac, Mich.

BUTTER BRED JERSEY BULLS
FOR SALE
Silver Creek, Allegan County, Michigan.

For Sale Jersey bull calves of Majesty breeding from ment "Accredited List." Write for price and pedigret to C. A. TAGGETT, R. 2, Fairgrove, Mich.

Jerseys For Sale, Register of Merit stock of both sex. Smith and Parker, Howell, Michigan.

Lillie Farmstead Jerseys <sup>2</sup> R. of M. bull calves, one year old this fall.
C. C. LILLIE, Coopersville, Mich.

Jersey Bulls from R. of M. dams \$75 to
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### BIDWELL SHORTHORNS

bull that will put weights on your dairy calves-ne difference will soon pay for the bull. Now selling ood Scotch and Scotch-topped yearlings, reasonably riced. A roan, senior yearling, a Missie of Villager reeding, a herd bull prospect, Federal Test.

BIDWELL STOCK FARM, Tecumseh, Michigan

St. Joseph Valley Shorthorn Ass'n has males of all ages and best breeding.

ARON HAGENBUCH, Sec-treas. Three Rivers, Mich

### We Now Have

a number of choicely bred scotch females of any age for sale also three buils from 6 to 18 months old. Visit our herd before buying. Sold 5 calves for \$5400. CARR BROS., & CO., Bad Axe, Mich.

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Imp. Lorne, Imp. Newton champion and Sterling Supreme in Service. for quick sale: Five Scotch Bulls, best of breeding. Three whites at \$1000 each One roan at \$500, one red at \$400. No females for sale. Public sale Chicago Oct. 28th.

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Fairfield Shorthorns. For Sale; cows and heifers bred to Imp. Scottish Emblem 680312. Open heif-ers all ages. Also a few choice Scotch bulls of service-able age. Come and see them. H. B. PETERS & SON. Carland, Mich., P. O. R. R. Elste, Mich.

Shorthorns Scotch and Scotch Topped bulls and heifers priced right.

Sultan Champion heads herd, one scotch two yr. old herd bull by Red Cumberland priced right.

H. J. FLOWER & SON, Milo, Mich.

Milking SHORTHORNS. Clay bred bull calves Herds under Federal Supervision. Davidson & Hall, Beland & Beland, Tecumseh, Mich.

Shorthorns Good Scotch bred bulls, cows and helfers prio ed right,
W. B. McQUILLAN, R. 7, Howell, Mich.

M EADOW Hills Shorthorns, Herd headed by Sil-ver King, full brother of Lavender Sultan Pur-due University's great sire. For sale females of all ages, a few young bulls. Geo. D. Doster, Doster, Mich.

Milking Shorthorns of best Bates breeding, bulls 6 to 8 mo, old for sale.
E. H. KURTZ, Mason, Mich.

Shorthorns of Merit Both males ARTHUR DODDS, Lapeer, Michigan

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SHORTHORNS-Imp. Mysic Prince in service bred by J. Durno, sire bred by Wm. Duthic. Stock for sale. J. A. BARNUM, Union City, Mich.

Shorthorns: Scotch and Scotch topped with best of breeding.
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For Sale 19 Shorthorn registered good breeding will sell cheap to close out. Apply The JENNINGS FARMS, Bailey, Mich.

Milking Shorthorn 3 mos.heifer calf \$125 bred heifers and serviceable bulls at farmers' prices. Central Mich. Shorthorn Asso. Oscar Skinner Sec. Gowen, Mich. Red Polled cattle for sale bulls from 4 to 18 mos also cows with calves by side and heifer's.

G. A. CALHOON, Bronson, Mich.

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Sale of 30 Head of Healthy Pure Bred Holsteins OCTOBER, 6th 1920

Dispersion of herd of 25 head of C. A. Wilson and 5 head from herd of C. A. Daniels and Son.

Our herds are under State and Federal Supervision and every animal offered will have passed satisfactory tuberculin test.

Sale will be held under cover regardless of weather at the farm 1 mi. east and 1½mi. south of Michigan Agricultural College. Remember the date October 6th, 1920! Watch this space and send for catalogue to

C. A. WILSON, Lansing, Mich.

C. A. DANIELS. Okemos, Mich.

OCT. 22nd

OCT. 22nd

Friday, Oct. 22nd, Howell Sales Company

of Livingston County; The Oldest Sales Company of Livingston County will hold their

### 7th ANNUAL SALE of 80 Head of Reg. Holstein Cattle

at the sale pavillion on the Fair Grounds at Howell, Mich. Catalog Oct. 10th.

WM. GRIFFIN, Secretary,

R. 5,

Howell, Mich

### C. SOWS FOR SALE

One of the Best Herds in Michigan Young sows due to farrow in September. Spring boars ready for shipment. Choice individuals of BIG TYPE breeding. I ship C. O. D. pay express and register in buyer's name.

R. 5, Mason, Michigan. J. CARL JEWETT, On account of scarcity of labor, the Roystan Stock Farm will sell at

### PUBLIC AUCTION ON OCTOBER 5, 1920

fourteen head of A. R. bred Red Polled Cattle

> also some Registered Duroc Swine

Write for descriptions, come to the sale, or mail your bids.

### WILL COTTLE Michigan

West Branch,

Auctioneer Col. Markle

Steers For Sale Several bunches of good stock-ers and feeders weighing from 650 to 1050 lbs. Each bunch even in size and color write at once stating your wants. Ottumwa, Iowa W. W. DYER, Ottumwa, Iowa

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Registered Berkshires, Gilts, and Sows bred for April May and June farrow. A yearling Boar and a few younger.Spring pigs. Chase Stock Farm, Marlette, Mich.



Spring pigs by Walt's Orion, First Sr. Yearling Detroit, Jackson, Gd. Rapids and Saginaw 1919 Phillips Bros, Riga, Mich.

### DUROC JERSEY SWINE

for sale 2 yr, old herd boars, yearling boars and boar pigs, also bred sows and gilts. Write for pedigrees and prices. Come and see them. THOS. UNDERHILL & SON, Salem, Mich.

Duroc sows and gilts bred to Walts King 29499, at the State Fair in last 2 years than any other Duroc boar. Everyone will be a money maker for the buyer. Cat. and price list.

St. Johns, Mich.

### OAKWOOD FARM DUROCS We can furnish you with anything from a weanling pig to a boar of herd heading callber at reasonable prices. Your inspection and correspondence is solicited. RUSH BROS., Romeo, Mich.

12 Choice Duroc gilts bred to farrow July and Aug-ust. Daughters of Michigan Cherry Col. bred to Jacks Cherry Oriob King Number 198258. Son of the \$10,000.00 champion Jacks Orion King 2nd. All large type, heavy bone gilts, 250 to 300 lbs. THE JENNINGS FARMS, R. I. Bailey. Mich

### **Duroc Boars and Gilts**

for sale at \$25 to \$50 each, crated and registered in buyer's name. Satisfaction guaranteed. These are some of the best pigs in the state. Visitors welcome, MICHIGANA FARM LTD., Pavilion, Mich.

Ouroc Jersey hogs. Cholera Immune. Orion Cherry King and Col. breeding. O.C.K. Boar 1 yr.old O.C.K. Boar 3 yrs. old wt. 800 lbs. Fifty September pigs, stred by Michigana Panama Special 2nd. Also some fall gilts.

HARRY MARTIN AND SON, Spring-Brook Stock Farm,

Paw Paw, Mich.

Write Me at once I have just what you want heavy bone registered Duroc Jersey boars ready for service.
W. H. MAYES, L. B. 505, Durand, Mich.

Reg. Red Polled cattle choice young bulls from 6 to 18

TRANK KEBLER,

B. 1. Grand Ledge, Mich.

B. 2. Grand Ledge, Mich.

Grand Ledge, Mich.

Grand Ledge, Mich.

Grand Ledge, Mich.

Duroc Jersey's. Herd headers in boars. Why! Be cause they are bred right, fed right, grown right and from Grand Champion stock. Write or bet ter come and see. F. J. Drodt, R.I. Monroe, Mich

DUROCS spring boars. A few gilts bred for Sept. farrow at bargain prices. W. C. TAYLOR, Milan, Mich DUROC JERSEYS. Spring pigs ready for delivery, \$10.00 each. LAKE SIDE STOCK FRUIT FARM, Pinckney, Michigan.

Duroc Jerseys Mich. Pathfinder? I have them. E. D. HEYDENBERK, Wayland, Mich.

Big Type Chester Whites, Choice, stretchy spring boars, also tried sows and fall glits bred for Sept. litters. These hogs are big and will fatten at any age. Grand champion blood lines of the breed, Wildwood Prince Jr., Hajah, and Champion X. Cholera immune. Satisfaction guaranteed.

N. L. HILL JR. Mackinaw, Tazewell Co. III



I HAVE started thousands of breeders on the road to my success. I can help you. I want to place one hog from my great herd in every community where I am not already represented by these ine early developers—ready for market at air mental old. Write for my plan—"More Money from Hogs."

G. S. BENSAMIN, R. F. D. 10, Portland, Michigan

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big type O.I.C's. Stock of all ages for sale. Herd headed by Calloway Edd, the World's Champion O. I. C. boar assisted by C. C. Schoolmaster. Grand Champion boar of Michigan, New York and Tennessee state fairs. Also, C. C. Giant Buster, undefeated Senior boar pig wherever shown and Grand Champion of Oklahoma state fair. Get our catalogue of Crandell's prize hogs, Cass City, Mich.

### Central Mich. O. I. C. Swine Breeders Ass'n.

Hogs of all ages of popular blood lines. Every sale guaranteed by association.

DR. H. W. NOBLES, Sales Mgr.

CHESTERS two good fall gilts bred to a boar of Wildwood Prince Jr. breeding for Sept. farrow; spring pigs. F. W. ALEXANDER, Vassar, Mich.

O.I.C's A few choice late fall and winter boars, also a fine two year old boar. WEBER BROS., R. No. 2, Royal Oak, Mich.

O. I. C's Eight young boars and spring pigs CLOVER LEAF STOCK FARM, Monroe, Mich.

O. I. C.'s Booking orders for spring pigs, we register free and ship C. O. D.
A. J. BARKER & SON, Belmont, Mich.

Look for Miller Meadows L. T. P. C.'s at Marshall Calhoun Co. Fair. Sept. 21-25.
OLYDE WEAVER, Ceresco, Mich.

FOR SALE Registered Big type Poland China gilts bred for Sept. farrow, weighing 225 lbs. for \$60. spring pigs all sold, guarantee satisfaction. DORUS HOVER. Akron, Mich.

Boar pigs sired by Monster Big Bob and from our best sows, priced right for immediate shipment. Big-boned, strong-backed, smooth fellows from popular,blood lines. Write for information or visit \*BOONE-HILL CO., Blanchard, Mich.

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Everything sold previously ad. 25 spring pigs placed on the bargain counter for mo. of Sept. pairs or trios not akin.

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L. T. P. C. We have a large number of spring ed by such boars as "Hart s Black Frice," Loonard's Big Bob," the "Model Chaeman" and "Prospect Yank" a great son of the \$40,00 Yankee. Write for prices or come and look them over if you are in the market. HART, FULCHER & CLINE, address F. T. Hart, St. Louis, Mich.

Big Type P. C. Bred gilts, Fall yearlings, prize win-ners, out 1100 lb. sire and mammoth sows from Iowa's greatest herds. E.J. Mathewson, Burr Oak, Mich.

Big Bob Mastodon pigs takes the cake, book your order now. Fall boars and gilts sired by a grandeon of Disher (diant, open or bred to Big Bob for Sept. 23 yearling sons. C. E. GARNANT, Eaton Rapids, Mich

## Large Type Poland China pigs, both sexes now ready, write for description and prices. RALPH SHERK, Caledonia, Mich.

Big Type Poland Chinas with quality, at re-of both sex, and bred sows and gilts. Pigs G. A. BAUMGARDNER, R.2. Middleville, Mich.

B IG T. P. Chinas for sale. A few tried sows, spring boars. Aug.pigs both sex. Recorded free in buyer's name. L L. Chamberlain, Marcellus, Mich.

Tam offering Large Type Poland China Sows, breat to F's Orange, at reasonable prices: also fall pigs. Write or call Clyde Fisher, St. Louis, Mich. R.R.3.

Lindhurst Poland Chinas Stock for sale at all times. Public Sale Oct. 23. WM. H. LIND, Alto, Mich.

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LARGE TYPE P.C. SWINE. One yearling boar, fall pigs, a few more bred sows. R. W. Mills. Saline, Mich.

L eonards B. T. P. C. See exhibit at Mich State Fair, get your name on mailing list for public sale Oct. 28. Double immune. E. R Leonard, St. Louis, Mich. R.3,

Large Type Poland China's. Everything immuned by son Fairs. A. A. Feldkamp, R. 2, Manchester, Mich,

O. I. C. Gilts bred for July and Aug. farrow.
Also spring farrowed pigs.
G. P. ANDREWS, Dansville, Mich O. I. C. Gilts bred for Sept. farrow and spring pigs.
F. C. BURGESS, R. 3, Mason, Mich.

0.1. C's Some fine spring pigs and yearling gilts. Will ship C.O.D.register, and guarantee right in every way.

JOHN C. WILK, Alma, Mich.

O.I. C's. One last fall boar wgt. 425, two last fall gilts, bred lots of spring pigs and this fall pigs either sex, good growthy stock ½ mile west of Depot. Oitz's. Phone 124. Otto B. Schulze, Nashville, Mich.

BARGAINS on Big type spring and summer Poland China Pigs also yearling Shorthorn bulls, bull and heifer calves. Robert Neve, Pierson, Mich.

Choice Spring boars, popular breeding. Booking orders for fall pigs. All stock Cholera Immuned and guaranteed Breeeders. Satisfaction guaranteed

STEUBEN'S HAMPSHIRE FARM

**Edgewood Hampshires** All bred gits sold. Now booking orders for gilts bred for fall farrow, and pigs for pig club work only. Depew Head, Edgewood Farm, Marion, Ohio.

Hampshires get your boar pigs, now a few bred gilts left new blood lines of quality.

JOHN W. SYNDER, R. 4, St. Johns, Mich. YORKSHIRES BRED GILTS
WATERMAN & WATERMAN
Ann Arbor, Mich.

### SHEEP.

Delaine Rams B. & C. type, having size, quality, best of breeding, priced to sell, write.
S. H. SANDERS, R. 2, Ashtabula, O.

Hillcrest Shropshires A nice lot of Ewes and Rams of all ages our flook is headed by McKerrow 3164 a son of Senator Bibby write or call on R. J. & C. A. WILLIAMS, Middleville, Mich.

Coral, Mich. SHROPSHIRES Yearling and sired by Imp. Berry No. 163 for sale. Also a few ewes.
ARTHUR DODDS, Lapeer, Michigan

Idle Wild Stock Farms Shropshire yearling ning stock. Make your selection early. Chiff Middleton, Proprietor, B. 8. Clayton, Mich.

Shropshires Am offering one choice two year ram and a few good yearlings.
C. J. THOMPSON. Rockford, Mich.

Shropshires sire imported Minton Ram Lambs \$20, some ewes, 2 yearling rams.

DAN BOOHER, R. 4, Evart, Mich.

Shropshires yearling Rams that have size and type for sale.

ARMSTRONG BROS., R. 3, Fowlerville, Mich. Wool-Mutten Shropshire Rams. Good strong individuals, royally bred, priced right. A. H. FOSTER, Allegan, Mich.

### **HAMPSHIRES**

Bred Sow Sale at Fairgrounds

Registered Rams all ages. Bredfor size, type, quality. Sire at head of flock, I. S. C. No. 25465. Half brother to the Grand Champion ewe at International 1918 Bred by Iowa State College. Also a few good ewes.

August 5th, Carey U. Edmonds, Hastings, Mich.

### GREATEST STOCK SHOW.

(Continued from page 359.) Red Polled.

One thing is apparent to those who Heifer 2 years old—Mumford, 1st; have followed the work of the Red Brennen, 2nd. Polled judges along the circuit, and that is the fact that unless they give that is the fact that unless they give Junior yearling heifer—Mumformore attention to dairy qualities the 1st and 2nd; Brennen, 3rd.

breed is riding for a fall. Stump & Senior heifer calf—Mumtord, 1st. breed is riding for a fall. Stump & Etzler and Bolen of Ohio fought it out with W. W. Kennedy and Herbison Bros. of Michigan, with the following results:

Bull 3 years old or over—Stump & Etzler, Convoy, Ohio, 1st; Herbison Bros., Birmingham, Mich., 2nd; Wm. W. Kennedy, Grass Lake, Mich., 3rd. Bull 2 years old-A. S. Bolen & Son, Fremont, O., 1st; Stump & Etzler, 2nd. Senior yearling bull-Stump & Etz-

Junior yearling bull—Bolen, 1st; Stump & Etzler, 2nd; Kennedy, 3rd. Senior bull calf—Herbison, 1st and 1st. 4th; Stump & Etzler, 2nd; Kennedy,

Junior bull calf—Kennedy, 1st and 3rd; Stump & Etzler, 2nd; Bolen, 3rd. Cow 3 years old or over—Kennedy, 1st; Bolen, 2nd and 3rd; Herbison,

4th.

Heifer 2 years old—Stump & Etzler, Bull 3 years old or over—w. 1. Bull 3 years old or o Senior yearling heifer—Stump & Etz-ler, 1st and 2nd; Bolen, 3rd; Herbison,

Junior yearling heifer—Stump & Etzler, 1st; Kennedy, 2nd; Herbison, 3rd; Bolen, 4th.

Senior heifer calf—Stump & Etzler, 1st; Market Parket Stump & Etzler, 1st; Market St

Ist; Herbison, 2nd; Kennedy, 3rd; Herbison, 4th.

Junior heifer calf—Stump & Etzler,
1st and third; Herbison, 2nd; Kennedy, 4th.

Senior champion bull-Bolen. champion bull-Stump Etzler. Senior champion female-Stump &

Etzler Junior champion female Stump Etzler

Grand champion bull—Stump Etzler Grand champion female-Stump &

Etzler. Exhibitor's herd-Stump & Etzler, 1st; Bolen, 2nd; Herbison, 3rd; Kennedy, 4th.

Breeder's herd—Stump & Etzler, 1st; Herbison, 2nd; Bolen, 3rd; Ken-

nedy, 4th.
Calf herd—Herbison, 1st; Stump &
Etzler, 2nd; Kennedy, 3rd; Bolen, 4th.
Four get of one sire—Stump & Etzler, 1st; Herbison, 2nd; Bolen, 3rd;

Vines of Michigan shared the honors in the Galloway classes.

### Devon.

Two New Hampshire herds were the only Devons on the grounds.

### DAIRY CATTLE

Michigan breeders of Jersey cattle of Michigan breeders of Jersey cattle of the fact that they are allowing other breeds to monopolize the benefits from showing what the breed has to offer Bayne, Romeo, Mich., 3rd; Corey J. the public. What is the matter with Spencer, Jackson, Mich. 4th. the state organization? Are the leaders going to give up, or are you content to let the other breeds replace the Jerseys in popular favor here in Michigan? You have the goods here stock you have to sell, and attract a

people what they look like. It has and 3rd; Spencer, 4th.

Junior bull calf—Lenawee 1st on Maseys that we are becoming discour- Lansing, 4th. aged. Brookwater Farms and Bren-

Junior bull calf—Mumford, 1st. Cow 4 years old or over—Mumford, Brennen, 2nd.

Cow 3 years old—Mumford, 1st and 2nd; Brennen, 3rd.

Senior yearling heifer-Mumford, 1st; Brennen, 2nd. heifer-Mumford,

Junior heifer calf—Mumford, 1st; Brennen, 2nd and 3rd.

Senior champion bull—Brennen.
Junior champion bull—Mumford.
Senior champion female—Mumford.
Junior champion female—Mumford. Grand champion bull-Mumford. Grand champion female—Mumford. Exhibitor's herd—Brennen, 1st. Breeder's herd—Mumford, 1st. Breeder's Brennen, 2nd.

Calf herd-Mumford, 1st; Brennen, Four get of sire-Mumford, 1st;

Brennen, 2nd. Two produce of one cow-Mumford,

### Guernsey.

Barbour, Wigman and Ebels presented one of the best exhibits of this breed ever seen in a Michigan ring. Quality was good in every class. The winners were as follows:

Bull 2 years old-John Ebels, Holland, Mich. Senior yearling bull-Wigman.

Junior yearling bull-Wigman, 1st;

Senior bull calf—H. W. Wigman, 1st and 3rd; Barbour, 2nd; John Ebels,

Junior bull calf-Wigman, 1st and 2nd; Ebels, 3rd; Barbour, 4th.

Cow 4 years old or over—Barbour, 1st and 2nd; Wigman, 3rd; Ebels, 4th. Cow 3 years old—Barbour, 1st; Wigman, 2nd; Ebels, 3rd and 4th.

Heifer 2 years old—Barbour, 1st; Ebels, 2nd.

Senior yearling heifer—Wigman, 1st and 3rd; Barbour, 2nd.

Junior yearling heifer—Wigman, 1st; Ebels, 2nd and 4th; Barbour, 3rd. Senior heifer calf—Wigman, 1st, 2nd

and 4th; Barbour, 3rd.

Junior heifer calf—Wigman, 1st and 2nd; Barbour, 3rd; Ebels, 4th.

Senior champion bull—Barbour.

Junior champion bull—Wigman.

Senior champion female—Barbour. Junior champion female—Wigman. Grand champion female—Barbour. Grand champion bull-Barbour.

Exhibitor's herd—Barbour, Wigman, 2nd; Ebels, 3rd. Kennedy, 4th.

Two produce of one cow—Stump & Breeder's herd—Wigman, 1st; Barbour, 2nd; Ebels, 3rd.

Etzler, 1st; Herbison, 2nd; Bolen, 3rd; bour, 2nd; Ebels, 3rd.

Calf herd—Wigman, 1st; Barbour, 2nd; Ebels, 2rd.

tzler, 1st; Herbison, 2nd; Bolen, 3rd; Bour, 2nd; Ebels, 3rd.
Calf herd—Wigman, 1st; Barbour, 2nd; Ebels, 3rd.
Calf herd—Wigman, 1st; Barbour, 2nd; Ebels, 3rd.
Four get of one sire—Wigman, 1st; Barbour, 2nd; Ebels, 3rd.
Two produce of one cow—Ebels, 1st; Wigman, 2nd; Barbour, 3rd.

### Holstein-Friesian.

Corey J. Spencer, John P. Hehl, C. L. Hulett, Geo. E. Bench, Box & Son, E. M. Bayne, Shubel's Sycamore Farm, M. A. C. and Lenawee county of Michigan and Pickering Farm of Missouri Again it is necessary to remind divided Holstein awards as follows:

Bull 3 years old or over-Lenawee

Bull 2 years old—C. L. Hulett & Son, Okemos, Mich., 1st on King Dora Segis Pontiac, Lenawee, 2nd; Woodcrest Farm, Plymouth, Mich., 3rd and

Senior yearling bull-Michigan Ag in your home state to make a strong ricultural College, East Lansing, 1st on College Butter Boy, Lenawee, 2nd; Spencer, 3rd; Woodcrest, 4th.

attract a Junior yearling bull—Lenawee 1st Wake up on Pabst Iris Korndyke; Lenawee, 2nd. to the opportunities and bring out Senior bull calf—Hulett, 1st on King some of your good ones and show the Okemos Segis Pontiac; Lenawee, 2nd

been so long since some of us have ple City King Lyons; John P. Hehl, seen a good exhibit of Michigan Jer-Detroit, 2nd and 3rd; Fred E. Shubel,

Cow 4 years old or over-Michigan nan, Fitzgerald and Sinks were the Agricultural College, 1st on Johanna Mutual Girl; Lenawee, 2nd, 3rd and

nan, Fitzgerald and Sinks were the only exhibitors at the fair and split up the awards in the following order:

Bull 3 years old or over—Brennan, Fitzgerald & Sinks, Farmington, Mich., 1st.

Senior yearling bull—H. W. Mumford, Ann Arbor, Mich., 1st and 2nd. Senior bull calf—Mumford, 1st and 2nd. Senior bull calf—Mumford, 1st and 2nd. (Continued next week.)

### A Lifetime's Opportunity— Get a Famous California Orange Grove at Your Own Price

38 Magnificent Orange Groves in Southern California's Orange District Will be Sold at Public Auction!

### Trip to California FREE to Purchasers

WHAT THEY ARE:

WHERE THEY ARE:

MISCELLANEOUS INFORMATION:

DATE OF SALE:

We have been commissioned to sell at AUCTION to close an estate, 337 acres of CALIFORNIA'S FAMOUS ORANGE GROVES. Divided into 38 groves averaging from 5 to 10 acres each. Some as small as 3½, others as large at 21½ acres. Any size you want. Plenty of cheap water with each grove. Practically a frostless belt, where Smudge Pots have NEVER BEEN USED. Groves are located in sandy loam soil, with total absence of red scale, red spider, OR OTHER PESTS.

This property is situated just 53 miles from Los Angeles and 4 miles from Riverside. Close to 3 railroads and with interurban trolley. Passenger and Freight Stations on property. R. F. D. and deliveries by Riverside stores. Good roads, many boulevards lined with cypress and euclayptus are installed in all groves.

These groves have had over \$20,000 worth of Perfilizer applied this year by approved furrow method; they have been constantly irrigated except when rains made it unnecessary.

Choose the size and kind of grove you want—and make your own price when you bid. Some groves are all Navels, others all Valencias; others have both varieties. Navels picked by Jan. 1, and Valencias before May 30 to avoid competition with Eastern deciduous fruits. Fruit marketed through Fruit Growers' Exchange.

Many of these groves will this year produce three times more than ever before.

A lifetime's opportunity to locate profitably in the land of sunshine, fruit and flowers.

All groves will be sold at AUCTION on the property, beginning October 14, 1920. Competent Superintendent of many years' experience on the ground will care for any grove at cost plus 10 pet cent, of you desire it. References, Hellman Commercial Trust & Savings Bank, or Union Bank & Trust Co., both of Los Angeles.

### HART and BALL

Los Angeles' Progressive Auctioneers

1026-1028 South Figueroa St.

Los Angeles, Calif.

High Grade Acid Phosphate—Ammoniated Phosphate

Phosphate and Potash—Complete Mixtures Cured and in excellent drilling condition. Immediate Shipments.

F. S. ROYSTER GUANO COMPANY.

TOLEDO, OHIO



Pathé Book Free Send name and address to-day. No obligations.



### FOR SALE

Letz No. 22 Dixie Grinder complete with extra set grinding plates, traveling feed table and sacking attachment in excellent condition having been used but very short time. If you are in need of a large capacity grinder, you cannot afferd to overlook this opportunity. Detailed specifications and price furnished upon request.

R. M. KELLOGG COMPANY, Box 421, Three Rivers, Mich.

WANTED: To buy from producer only 1 to 5 carloads of No. 1 mixed hay, State price in first letter. Address Fruitport Agricultural Ass'n Inc. Gerald L. Colburn, See'y, & Treas., Fruitport, Mich.

WANTED Reliable agents, who will work and tell the truth. Write The French Nursery, Clyde, Ohio, Established 1863.

### DON'T CUT OUT A Shoe Boil, Capped Hock or Bursitis FOR A BSORBINE

will reduce them and leave no blemishes. Stops lameness promptly. Does not blister or remove the hair, and horse can be worked. \$2.50 a bottle delivered. Book 6 R free.

ABSORBINE, JR., for mankind, the antiseptic liniment for Bolis, Bruises, Sores, Swellings, Varicose Veins, Allays Pain and Inflammation. Price \$1.25 a bottle at druggists or delivered. Will tell you more if you write. W. F. YOUNG. INC., 268 Temple St., Springfield, Mass.

Pure Rosen Rye, Reg. No. 20190. Class 1, Weighs 55% ib. to bu. Less than 25 bu, Jots \$2.60, 25 bu, and over \$3.35, bags included. S. A. FOSTER, Okemos, Mich. Member Mich. Improved Crop Ass'n.

### SHEEP

Want a Sheep? Let American Hampshire Sheep Association send you dandy booklet with list of breeders. Write A. TYLER, 22 Woodland Ave., Detroit, Mich.

Colswolds yearling rams, ram lambs, Colswolds owes all ages sired by Cana. Garandian rams, A. M. BORTEL, Britton, Mich.

Reg. Oxford Rams ready to ship at \$30, delivered. J. Robert Hicks, St. Johns, Mich.

FOR Sale Oxford rams and ewes sired by McKerrows 3800, Assn. No. 88347. Write your wants. Geo. T. Abbott, Palms, Mich. Phone 78-3 Deckerville

To close an estate I offer for sale twenty Lincoln Rams. Lambs yearlings and two year old at reasonable prices they are a fine bunch.

ROBT. J. KNIGHT, Cass City, Mich.

For Sale <sup>4</sup> Full Blooded Ramboulett rams
20 dollars each. Address
ALLEN ANGELL, Hubbard Lake Michigan

### HORSES

### For Sale or Trade

We are closing out our registered Percherons, and offer for sale or trade for anything I can use one registered stud colt three year old also a yearling from ton sire and 1900 lb. dams.

J. C. BUTLER, Portland, Mich.

### **BAY MARE**

For Sale, sound and right in every way, weight about 950 lbs. Must be sold at once come and see her or write L. J. Hamlin, 496 Hurlbut Ave., Detroit, Mich.

Percher n Stallions and mares at reasonable prices; inspection invited.

F. L. KING & SON, Chartlotte, Mich.



### **GRAIN QUOTATIONS**

September 14, 1920.

Detroit.-Immediate and prompt at \$5.75 per cwt.

Chicago.—Hand-picked choice fancy, \$6.50@7.

New York.—Choice pea, \$7@7.25. Rye.

Detroit.-Cash No. 2, \$1.94. Seeds.

Detroit—Prime red clover, spot, \$16; October, \$16.50; December, \$16.50; alsike, \$17.50; timothy, \$4.25. Toledo.—Prime cash, \$16; October, \$16.60; December, \$16.50; alsike, \$17; timothy, \$4 timothy, \$4.

### WHEAT

A spring wheat crop estimated at 237,000,000 bushels was a decided disappointment, showing 25,000,000 bushels under the August returns. Total wheat crop for the country this year is 770,000,000 bushels, against 941,000-000 bushels harvested in 1919, and suggests an exportable surplus of 200,000,000 to 250,000,000 bushels after including the carry-over from 1919. It cluding the carry-over from 1919. It is estimated that around 150,000,000 bushels of the surplus has either been sold and shipped abroad, or else is under contract to move out. Drought, heat and black rust was responsible for the losses in spring wheat in August. The total crop for the country is 20,000,000 bushels less than the 1913-17 average. Foreign crop reports are rather unfavorable. Italy expects to buy from 90,000,000 to 100,000,000 bushels of wheat this season, while France requires around 80,000,000 bushels of wheat corp and rye the bushels of wheat, corn and rye, the corn being needed for mixing purposes, as official orders force mills to use a certain percentage of substitutes in wheat and rye flour.

### CORN

The September government crop report indicated a yield of 3,131,000,000 bushels of corn, the largest on record by 6,000,000 bushels and compares with 2,917,000,000 bushels harvested last year. The condition of the crop was the highest for September in four-teen years. A great deal of corn needs until October 1st to ripen. Old corn reserves are large. Two crops averreserves are large. Two crops averaging 3,000,000,000 bushels have not been produced in succession before. The live stock population to consume The live stock population to consume the crop is materially below that of last year. Demands for corn for manufacture at eastern points will be partially met by Argentine corn. That Others Veal Caives.

Opening steady; closing 50c lower.

\$18.00@19.00

7.00@15.00 tially met by Argentine corn. That country has exported 125,000,000 bush-terior Illinois points.

CATS

Estimated receipts today, 17,000; holdover, 6,264. Market 25@35c higher than Chicago on oats, notwithstanding the fact that the southwest raised a good crop. Eastern states have a good crop so that the demand from that quarter is not brisk. The government's estimate of the good and choice, \$15.75@17.30; holdover, 6,264. Market 25@35c higher than Chicago on oats, notwithstanding the fact that the 250 lb up, medium, good and choice, \$15.75@17.30; heavy southwest raised a good crop. Eastern states have a good crop so that the demand from that quarter is not brisk. The government's estimate of the good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$15.75@17.30; light 150 to 200 lbs, common, medium, good and choice, \$12.50@13.75.

\*\*BUFFALO\*\*

Tuesday's market quotes hogs generally 15@25c higher than last week. Lambs and calves are steady.

Wheat.

Detroit.—Cash No. 1 red, \$2.68; December, \$2.50; March, \$2.47; No. 1 white and No. 1 red, \$2.66.

Chicago.—No. 1 red, \$2.59@2.60½c; December, \$2.49; March, \$2.44.

Corn.

Corn.

Chicago.—No. 2 red, \$2.59@2.60½c; last year, and the condition is 16.6 per cent above the average. The forecast of yield is about 31.8 per cent more than last year, the crop last year was Detroit.—Cash No. 2 mixed, \$1.50;
No. 2 yellow, \$1.55.
Chicago.—No. 2 mixed, \$1.41@1.42;
No. 2 yellow, \$1.42@1.43¼.
Oats.
Detroit.—Cash No. 2 white, 68; No. 3 white, 66½c; No. 4 white, 64c.
Chicago.—No. 2 white, 64¼@66c;
No. 3 white, 63¼c.
Beans Are Dull.
Detroit.—Lammediate and prompt at than last year, the crop last year was 1,099,000 bushels, 1,197,000 bushels in 1,918 and 1,488,000 in 1917. Wisconsin and Minnesota show the poorest condition, and Ohio is only a shade better. Illinois has the largest acreage, but Wisconsin has the largest crop. Latest quotations are: Toledo—Prime red clover, per bushel, \$16.30; prime timothy, \$4.15. Chicago—Cloverseed, per bushel, \$13.20@16.20; prime timothy, \$1.80@3.40. \$1.80@3.40.

Mill feeds sagged again last week under decidedly slack demand. Rains have helped the pastures so that country buying is small, big buyers stocked up before the freight rate increase. Bankers oppose purchases of big stocks of any kind. Quotations, per ton in 100 lb. bags in carlots are as follows: Chicago—Bran, \$46; standard middlings, \$55; flour middlings, \$62; Red Dog flour, \$72; hominy feed, \$62; cottonseed meal (36 per cent), \$59; old process oil meal, \$63; gluten feed, \$66; tankage, \$115.

The tame hay crop is estimated at 88,200,000 tons compared with 81,400,000 tons for the five years 1914-1918. Wild hay tonnage also is above the average. With the live stock population decreasing and pastures able to carry into the fall, it is doubtful that present hay levels will be maintained unless transportation conditions prevent marketing the surplus. Latest quotations

DETROIT

Cattle.

Cattle dull at Monday's decline or 25c lower than last week.
Best heavy steers ......\$12.00@12.50
Best handy wt bu steers . 9.50@10.25

Hogs.

Hogs.

Mixed steers and heifers. Handy light butchers ..

Light butchers ..... Best cows ......

Canners Choice bulls

Bologna bulls ..... Stock bulls .....
Feeders .....

ther Danish competition or curtailing the consumptive trade. As it is, no quantity of foreign butter has arrived for some time. Butter holdings in 55 houses as of Sept. 1 are 83,089,000 pounds, as against 88,177,000 pounds last year. Closing prices on 92 score butter were as follows: Chicago, 56c; New York, 58½c; Philadelphia, 59½c; Boston, 59c.

### EGGS AND POULTRY

Receipts of eggs from principal mar-kets since January 1 are about 85 per cent of those of the corresponding period a year ago. Receipts of dressed poultry at the same markets so far this poultry at the same markets so far this year are only about 75 per cent of those of a year ago. Latest quotations are as follows: Chicago—Eggs: Fresh firsts, 51@52c; ordinary firsts, 45@47c. Live poultry: Spring chickens, 33c; hens, general run, 28c; roosters, 22½c; ducks, old and young, 28c; geese, old and young, 24c; fancy turkeys, 45c. Detroit: Eggs—Fresh firsts, 51½c; extras, 54c; live poultry—heavy hens, 37c; small hens, 33@35c; spring chickens, 33@40c; roosters, 22c; ducks, old and young, 37c; fat geese, 20c; fancy turkeys, 45c.

### CHEESE

Markets report a lack of interest. Dealers generally raise their ask-ing prices but considerations on actual into the fall, it is doubtful that present sales consumated were changed but transportation conditions prevent marketing the surplus. Latest quotations the surplus of the principal demand at the markets, other than Boston, were for Single Daisies, Flats and Twins. Wisketing the surplus. Latest quotations per ton in carlots are as follows: Chicago—No 1 timothy, \$32@34; std. and of the business on several days at No. 1 light clover, mixed, \$30@32; No. 2 timothy, \$28@30; No. 1 clover, tations in every instance. Some New mixed, \$26@28; No. 3 timothy, \$22@ York cheese was moved on the Chi-

packing sows 250 lbs up, smooth, \$15.30@15.85; pigs 130 lbs down, medium, good and choice, \$14.75@16.50.

Cattle.

Estimated receipts today, 12,000. Beef and butcher cattle steady to strong; feeders steady; calves 25@50c higher. Beef steers, medium and heavy weight 1,100 lbs up, choice and prime, \$17@18; do medium and good, \$12.50@17; do common, \$10@12.25; light weight 1,100 lbs down, good and choice, \$15@17.85; do common and medium, \$8.75@14.50; butcher cattle, heifers, common, medium, good and

medium, \$8.75@14.50; butcher cattle, heifers, common, medium, good and choice, \$6.50@15.00; cows, common, medium, good and choice, \$6.25@12.75; bulls, bologna and beef, \$5.75@11.50; canners and cutters, cows and heifers, \$4.06; do canner steers, \$4.50@7.50; veal calves, light and handyweight, medium, good and choice, \$15@18; feeder steers, common, medium, good and choice, \$8.50@12.50; stocker steers, common, medium and good and choice, \$6.25@10.50; stocker cows and heifers, common medium, good and

heifers, common medium, good and choice, \$5@9; western range cattle,

Live Stock Market Service

9.50@10.25 8.50@ 9.25 7.50@ 8.00 6.00@ 6.75

7.50@ 7.75 6.00@ 7.00 5.00@ 6.00

8.00@ 9.00

8.00@ 6.00@

year. The barley crop at 195,000,000 24; clover, \$18@28; No. 1 choice alcago market and some low cost cheese bushels is 29,000,000 bushels higher than in 1919.

24; clover, \$18@28; No. 1 choice alcago market and some low cost cheese falfa, \$28@34; rye straw, \$15@16; oat found its way to the sales sheets. straw, \$14@15; wheat straw, \$12@13. Cheese of fair quality found ready sale Prices were advanced somewhat and practically all gains were held, although an easier tone was noted at the close. Firmness centers on the top grades. If market works higher to a point where storage grades may be used, there is danger of inducing further Danish competition or curtailing the consumptive trade. As it is, no quantity of foreign butter has arrived for some time. Putter heldings in a small way but undergrades moved in a small way but undergrades moved slow. Prices for No. 1 American cheese is quoted by the Bureau of Market as follows: Chicago—Flats, 26@27c; Twins, 25½@26c; Single Daisies, 27c; Young Americas, 27@21½c; Long Horns, 27½@28½c; Single Daisies, 28@29c; Long Horns, 28½@29½c.

WOOL

While no sales of wool of consequence have been made public as yet, buyers are inquiring in a manner to indicate that purchases are to be made soon. The American Woolen Company's prices on goods for spring delivery represent an average decline of about 20 per cent from the February level and the wool market is not expected to show a greater decline. Quotations are still nominal but are assuming a more established character. Boston quotes: Ohio and Pennsylvania fleeces Delaine unwashed, 60@65c; fine unwashed, 50@65c. Half blood combing, 60@62c; three-eighths blood combing, 45@47c. Michigan and New York fleeces—Fine unwashed, 50@52c; delaine unwashed, 58@60c; half blood unwashed, 60c. Wisconsin, Missouri and average New England—Half blood 55@60c; three-eights blood, 42@43c; quarter blood, 40@41c; Kentucky, West Virginia and similar—Three-eighths blood unwashed, 48@49c; quarter blood unwashed, 44@45c.

POTATOES

### **POTATOES**

The latest estimates of the Bureau crop estimates increases its figures on the potato crop to 412,000,000 bushels—an increase of approximately 10,000,000 bushels over the August estimate. All indications point to cheap potatoes, although growers are generally holding for high prices, which buyers so far have not been inclined to pay. This holding tendency has succeeded in making prices more steady. Shipments are running heavier each week, with close to 600 cars per day. Next month it is expected that shipments will mount well toward. per day. Next month it is expected that shipments will mount well toward 900 cars per day. Latest quotations are as follows: Chicago, per 100 lbs.: Minnesota early Ohios, \$2.25@2.40; Bliss Triumphs; \$2.40; New Jersey Cobblers, \$2.90@3; Giants, \$2.60.

### ONIONS

The onion market continues practically unchanged, the dullness that engulfed the market during the June market glut has never been overcome, and the market condition has been further aggravated by the general knowledge that there is a large crop of late onions. Prices at Chicago range from \$2.00 to \$2.25 per cwt. for the best yellow stock from middle western and western states. Shipping points in the Rochester, N. Y., and Connecticut Valley district reports slow movement with a dull market.

### PEACHES.

The week opened with the peach market almost bare of stock, with keen buying competition shooting prices from \$3.50 from the week previous to \$5.00 per bushel for the best Elbertas. However, toward the end of the week heavier Michigan and Colorado receipts had their effect upon prices and a general decline followed. It is expected that a fair portion of a large New York crop, which is now beginning to move, will find its way westward and further affect the market. Chicago closed at \$3.75 to \$4.00 with indications of further declines. indications of further declines.

## beef steers, medium, good and choice, \$9.75@15; do cows and heifers, medium, good and choice, \$8@10.50.

Estimated receipts today, 17,000. Fat lambs, 25@50c higher; sheep strong. Lambs 84 lbs down, medium, good, choice and prime, \$12.75@14.75; do culls and common, \$8.75@12.25; spring lambs, medium, good and choice and prime, \$9@11.25; ewes, medium, good and choice and prime, \$9@11.25; ewes, medium, good and choice, \$6@7.25; ewes, cull and f common, \$3@5.75; breeding ewes, full sing, Mich.

Holsteins—October 6th, C. A. Wilson, 1½ miles south of M. A. C., Lansing, Mich.

Holsteins—October 16, John B. Martin, Grand Rapids, Mich.

Holsteins—October 22d, Howell Sales Company, Fair Grounds, Howell, Mich.

BUFFALO

BUFFALO

BUFFALO

BUFFALO

COMING

Oct. 4. Belgians and Percherons; W. B. Otto, Charlotte, Mich.

Red Polled Cattle—October 5th, Will contlete, West Branch, Mich.

Holsteins—October 16, John B. Martin, Grand Rapids, Mich.

Holsteins—October 22d, Howell Sales Company, Fair Grounds, Howell, Mich.

Poland-Chinas, Oct. 26, Wesley Hile, Ionia, Mich.

Ionia, Mich.

Big Type Poland-China Sale Circuit inCentral Michigan, October 26-30.

### Automobile Thieves

Work in Country Districts

On August 14th Joe Ashton of Sturgis was driving his Ford automobile, state license Number 391669, factory No. 4083351, in the country near Lenawee Junction, when he was held up by six young men, the automobile and \$75 being taken away from him.

On August 22d the car of Charles S. Novak of Bay City was stolen and later found in a ditch near Utica, Michigan, with

five tires stripped.

On August 4th, during the night, the Buick car of George L. Spillane, president of the Farmers' Mutual Fire Insurance Company of Genesee County, was stolen from the garage on his farm. The car had state license No. 105178 and factory No. 567085.

On August 24th the Buick automobile belonging to Ex-Sheriff Frank Green of Genesee County was stolen, and a few days later found in the ditch near Napo-leon, Ohio.

On August 16th the Buick automobile of Doctor R. C. Mahaney was taken from the street near his office at 11 o'clock and recovered in Lansing two hours later in possession of three young men, two of whom were sent to prison by Judge Collins for from one to ten years.

All the above mentioned cars ere insured in the Citizens' Mutual Automobile Insurance Company.

MR. AUTOMOBILE OWNER: Keep your car locked and when in the big cities place it in a garage and see that you have a policy in good standing in the

Citizens' Mutual Automobile Insurance Co., Howell, Mich.

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50c 7 A. M. to 5 P. M. ' 50c 5 P. M. to 11 P. M. 25c

## ENGINES

For Sale Cheap

kershaw engine used only 6 days. Equally as good as new. This will make a fine engine to bolt directly to a corn husker or ensilage cutter, making a self contained outfit.

Also 1 light motor truck in first class order.

Write for prices.

BATES TRACTOR CO. Lansing, Mich.

CREDIT FOR THE LIVE STOCK PRODUCER

F INANCING the live stock industry to avoid a critical shortage of cattle and sheep and make possible the utilization of the great supplies of grain and forage produced in all sections of the United States was the subject of a conference held at Chicago on September 11. Live stock producers rubbed elbows with live stock commission merchants, railroad presidents governors of Enders! Reserve dents, governors of Federal Reserve Banks, packers, bank presidents, and cattle loan presidents, and presented their views across the conference table. The real problem of the conference simmered down to the method of financing the breeder of cattle and sheep, whose loans of necessity were of long time nature, or if made for short periods must be renewed several times before they could be liquidated. Such loans were not eligible for rediscount at Federal Reserve banks, and thus were rather unpopular, although there was general agreement that they were among the safest of live stock loans

Where the blame lies for liquidation of live stock now taking place was not made clear. Some of the bankers ger, present said it was due to local bank-terri ers who had loaned their funds un-been wisely upon other things and wished flies. wisely upon other things and wished to retrench. Others thought the east was calling its loans to cattle loan companies. Others pointed to the need of keeping Federal Reserve bank funds liquid, in order to take care of the received downers of error moving. the seasonal demands of crop moving, for which the system was originally established as a reason for tightening up of credits by Federal Reserve officials in which live stock producers were affected along with other interests.

Representatives of the live stock producers point out that of the total loans of the Federal Reserve banks, less than 5 per cent are used for agri-culture and less than one per cent for live stock, although agriculture was responsible for 23 out of the 50 billion dollars of annual wealth produced. Further, that during the past year loans had increased nearly one billion year dollars, while loans on live stock had decreased. In short, stockmen were not receiving their share of accommodation at the banks. Oversubscription of the French loan was taken as evidence that money is not so scarce. Such funds would be better loaned to America first.

Growers declared that the losses they had suffered during the preceding year or two left them unable to bid high rates for money; that feed was abundant and costs of wintering would be far less than last year; when they were obliged to feed from November until May on hay bought at extraor-dinary prices. Some growers needed funds to carry themselves through the winter-others needed funds to buy young stock cattle to use the feed now being produced.

Various suggestions were made as to the manner of solving the cattle-man's difficulty, such as educating eastern bankers to the soundness of eastern bankers to the soundness of cattle paper, especially stockcattle paper; moving the grain which growers in the corn belt wish to sell, thus increasing cornbelt bank deposits; placing big western loans directly with banks in big centers, relieving the small local banks who could then provide for the small producer, inducing more of the eligible state banks to be more of the eligible state banks to become members of the Federal Reserve system, increasing the loaning capacity of the latter. L. F. Swift, speaking for the packers, stated that it was his opinion that the worst of the bad markets was over. However, he indicated that he believed prices would be lower not higher—that they were at the top now. The way out in his opinion, was not higher—that they were at the top now. The way out, in his opinion, was through 75-cent corn and corresponding prices for cattle and hogs, which he believed would arrive upon this class order.

1 4 cylinder 30 H. P. Waukershaw engine used only

The sentiment finally crystallized in the following resolutions:

The Interstate Commerce Commission will be asked to order that grain be made preferred traffic at once, both as regards transportation and in setting cars for a period of two weeks.

Financial institutions will be asked to encourage further development of the stocker cattle and sheep industry by granting additional credit where conditions justify.

and 21, and lay before them the conditions and recommendations developed at the conference.

The Treasury Department will be asked to deposit funds in the Reserve hanks in the producing districts to be

banks in the producing districts, to be loaned to producers through the member banks

Eligible state banks in producing districts will be urged to become mem-bers of the Federal Reserve System to

increase its assets and loaning power. Growers were urged to maintain their normal production in the belief that prospects were reasonably prom-

### FARM BUREAU NOTES.

The membership of the state farm bureau in Michigan is still growing, the last tabulation of figures showing 83,045. Out of 558 farmers who yere visited in Oceana county last week by solicitors, 509 signed up. The campaign has just started and a membership of close to 2,000 is expected. Ionia ship of close to 2,000 is expected. Ionia county, where the membership campaign is now under way, expects to slightly better the 2,000 mark. The next counties in the Upper Peninsula which will be canvassed are Luce, Alger, Barage and Houghton and this territory north of the straits will have been completed by the time the spream. been completed by the time the snow

The move to establish county farm bureau seed departments, linked up with the Michigan State Farm Bureau, is progressing fast and favorably. Calhoun, Kent, Hillsdale and Clinton counties signed contracts last week. Four other counties are ready to sign up. Assistant Manager Tanner of the seed department is now out in the state, explaining the contract to the various farm bureau executive committees. Orders for alfalfa seed are mittees. Orders for alfalfa seed are coming into the farm bureau rapidly, which the following orders will illustrate: Hillsdale, 9,000 pounds; Eaton, 5,020 pounds; St. Joseph, 8,500 pounds, and Jackson, 5,000 pounds. These orders have to be assembled early in order to make the best possible ar rangements with growers in Idaho and Montana.

Bankers of the state are taking a keener interest in the development of the farm bureau now than ever before.

### Farms and Farm Lands For Sale

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Everything included with practically every one of the money-making farms in best farming sections 33 states and three Canadian provinces described in big states and three Canadian provinces described in big illustrated 100-page book. Chance of your He to get the farm you want with horses, cows, hogs, poultry, wagons, implements, tools, hay and grain for stock, and the states of the states, etc. See page 28, 388-acre farm comes from valuable woodlots; low prices for white in the states, etc. See page 28, 388-acre farm comes, Hoattle, etc. See page 28, 388-acre farm for see page 2

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Near neighbors and school, level road to railroad station, ten miles to Binghamton. So acres valuable timeer, pasture of 20 cows, 75 acres in nearly level rich load to railroad to room house, large plassa, two large barns, all building painted and in good condition; apples, pears, etc. buildings supplied with spring water. Immediate possent, one-half cash. Write for free catalogue Mintz Southern New York Farms, Binghamton, Broome County, New York. Member New York Farm Broker's Association.

City Conveniences on First Class 108½ Acre Farm, at Hadley, Mich.

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Farm, timber and deer preserve 80 acres, 15 clear; house 12x16, barn 18x24. Thirty acres heavy timber; hunting lodge on the premises; deer plentiful; ½ mile from Soo River; saw mill at DeTour 4 miles. Logs can be rafted on Soo River to mill; timber enough on the place to pay for it; 60 miles from Soo good auto roads. Price \$2,000.00

B. T. WOQD, Rockford, Michigan

### FOR RENT

conditions justify.

A committee was appointed to meet with the Federal Reserve Board and the Federal Advising Council, at its quarterly meeting on September 20

Dokyou want a chance to make money while you enjoy life in delightful, healthy climate. Will rent my rich exceedingly productive stock farm to experienced dairyman, with sufficient capital on very attractive and sehool, also near Ft. Landerdale and Miami, Florida. Write C. W. OAKES, 3702 Fall Crock Blvd., Indianapolis, Ind.

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430 acres, good buildings, with horses, cattle, implements, etc. In mediate possession. 540 per acre. Business or residence property in exchange or long times that it is a second of the second of t

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Bell 3531: Valley 630B.

For Sale 240 A. stock farm, plenty productive tillage, and plenty low land pasture, always green, for 50 head cattle. Good buildings, good water, \$50 per acreach or on terms. acre cash or on terms.

VERN L. FARLEY, R. 5, Bellevue, Mich.

For Sale, 320 acres pasture land fenced with woven wire, barb on top, well watered price \$15 per acre, near Lake George, Mich. 3d down, bal, on time. Address JAMES S. BICKNELL, Clare, Mich.

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