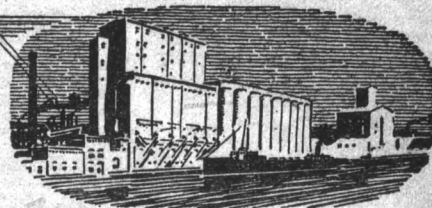


# The Michigan BUSINESS FARMER



An Independent  
Farmer's Weekly Owned and  
Edited in Michigan



Vol. IX. No. 11

MT. CLEMENS, SATURDAY, NOVEMBER 12, 1921

\$1 PER YEAR

## Marketing Problems Viewed By County Agent

More Careful Study of Crop Statistics Will Help Farmer to Market Crops at Greater Profit

WE ARE all concerned over the causes responsible for the present agricultural depression and possible ways to avoid further loss. Farmers are constantly groping for information that will give them a guide to future market prices. This problem confronts other industries as well as the agricultural, but other industries, particularly, manufacturers are better able to control excessive production and much better informed as to urgent demands. For these reasons they have information which farmers have not been able to get for the distribution of their product.

Professor Warren in his new Bulletin No. 999 says:

"After each of the previous wars a very violent drop in prices occurred followed by partial recovery and somewhat stable prices for a year or more, than again followed by a longer but less violent drop and again followed by a period of somewhat stable prices."

Representative Anderson, Chairman of the Congressional Joint Commission of Agricultural Inquiry, is quoted as ascribing conditions primarily to four factors.

1. The falling off of exports. 2. Falling off of domestic consumption. 3. Increased freight rates. 4. Credit limitations.

These authorities give us some very good general information. But along with it, I believe that farmers should study crop reports and insist upon getting actual knowledge of total production as compared with five and ten year averages.

The U. S. Department through the Bureau of Crop Estimates has endeavored to gather this information for farmers. But on account of the lack of co-operation and apparent carelessness on the part of the individual farmer together with the suspicion on the part of the farmer that such information might be used against him, has made it exceedingly difficult for the Department of Agriculture to obtain a crop report as we would hope to have it. Hoping that farmers may give more consistent study to the total production for 1921 compared with the five-year average from 1915

By A. G. BOVAY  
SAGINAW COUNTY AGRICULTURAL AGENT

to 1919, I am giving the following table which I wish all farmers and readers would study.

The September report indicates that the beans, potatoes, oats and hay crops are short this year. The corn crop is above the average.

Beans show approximately four and one-half million bushels less than the average yield. During the year 1920 beans were short approximately four million bushels. This means that for the past two seasons, 1920 and 1921 there has been two short crops of beans which totals about eight million and a half bushels less than the average production. It is not possible that the future prices for beans may be much stronger than at present? Or, is it possible that the consumption of this food product has so materially fallen off that the demand will not warrant higher prices? In two years the six bean growing states have lost one complete crop when compared with the five-year average.

### SEPTEMBER CROP REPORTS

Crop	1921		1915-1919 Average
	September forecast	August forecast	
Potatoes . . . .	323	316	371
Beans (6 states) . . . .	8.8	8.9	13.3
Hay . . . . .	79.8	81.6	85.8
Oats . . . . .	1090	1137	1433
Corn . . . . .	3186	3032	2798

Later information shows that the potato crop is about twenty million bushels more than shown in September forecast. Even this, makes it approximately 8 to 10 per cent less than the average crop for the five-year period, during which time there were two very short crops.

The above table shows that the oat crop

is three hundred million bushels short or approximately 20 per cent short of the average yield. It is possible that this percentage will be greater on account of the quality of the oats which will only be determined as they are actually sold. Is it possible for a crop to be 20 per cent less than the five-year average and market prices on the same remain below normal?

Last year the wheat crop in twenty wheat leading countries was 2,384,000,000 bushels. This year's estimate is 2,461,000,000. The crop is reported as fair in the United States, Canada, and Northern and Central Europe. India and Russia will probably have to import. European needs are about the same as last year. The export situation is stronger than last year because of better credits.

Summarizing the above information it would appear that we are to be guided by supplies available that wheat may remain somewhat staple. Potatoes being approximately 8 per cent short of a five-year average and about 20 per cent short of last year, stronger prices may be expected. The same situation would be true of beans and oats where the crops are 20 to 30 per cent short of a five-year average. We can also expect hay prices to be stronger, if we reason the same way, because the crop is about 8 per cent less than the average. It is doubtful that corn will show any great strength. Indications are that this crop will be fed to live stock in order to realize very much out of it.

It is the purpose of the county agricultural agent thru the co-operation of the farm management department and organizations of Saginaw county and individual farmers to assist in problems of this kind and the plans will be made during the winter months to take an inventory of approximately one hundred farms in order that we may become more systematic in the use of farm accounts, in order that the operation of each farmer may be put on the most efficient basis.

## Michigan Will Make Bid for National Dairy Show in 1922

FOR A long time it has been the dream of Michigan dairymen to play host some day to the National Dairy Show which next to the International Livestock Show brings together the greatest aggregation of blooded cattle and producers of any event staged in the United States. There has been no chance of having this dream come true up to the present year because Michigan has had no building in which to adequately take care of the exhibits and the crowd.

But now the greatest obstacle is about to be removed. The Michigan State Fair will soon begin the construction of the largest coliseum in the United States which will be ideally equipped to accommodate such expo-

### OAKLAND MILK PRODUCERS BACK MARKETING PLAN

AT A REGULAR meeting of the Clarkston Local Milk Producers' Ass'n, held Oct. 29th, 1921, it was voted to have the secretary write Mr. R. C. Reed and ask that the Michigan Milk Producers' Ass'n co-operate with Mr. G. T. Bryce in his effort to establish co-operative distributing of our milk. It was also voted to send a copy to the M. B. F., with the request that through the M. B. F. each local in the state be asked to take similar action.—Robert H. Dawson, Secretary Clarkston Local, Clarkston, Michigan.

sitions as this. The initial agitation for the bringing of the National Dairy Show to Detroit next year was instituted by the Detroit City Farmers' Club, in co-operation with the agricultural division of the Detroit Board of Commerce and the State Fair management. Back of all these organizations are big men who have a habit of having their own way about things and who will leave no stone unturned to carry out their ambition.

Among the more enthusiastic supporters of the idea is Oscar K. Webber, Detroit merchant, who is a director in the State Fair and a member of the Farmers' Club. Mr. Webber owns a farm and is a great admirer of blooded stock. (Continued on page 11)







## Michigan Leads When it Comes to Potatoes

*Peninsula Spuds Awarded Most of the Prizes at the St. Paul Potato Show*

**T**HE SHOWING which Michigan Petoskey Golden Russet potatoes made at the International Potato Show, held at Duluth on Oct. 26th, 28th, has proven a very pleasant surprise to the potato growing interests of Michigan and quite a decided surprise to other potato growing interests outside of the state.

Through the co-operation of the Michigan Potato Growers Exchange and the seed dept. of the Michigan State Farm Bureau, Mr. B. B. Jewell, County Ag'l Agent, Cheboygan county, was sent to the International Potato Show at Duluth with an exhibition of Michigan potatoes selected principally from the great potato growing areas of Antrim, Charlevoix, Emmet, Presque Isle and Cheboygan counties. Since the Michigan growers have very thoroughly standardized their crop to one variety the entire exhibition consisted of entries in all classes possible for this Rural Russet, or better known as Petoskey Golden Russet. This however, did not exclude Michigan potatoes from competing in all open competitions where variety was not a factor and the fact is that the Michigan exhibit, through careful selection by county agricultural agents and expert experience in exhibiting on the part of Mr. Jewell, won practically everything in which they were competing.

The International Championship Ass'n display, which consisted of 12 samples—each sample exhibited by a separate grower and consisting of 32 potatoes each,—was won by the Wolverine Co-operative Marketing Ass'n., of Cheboygan county, while second prize went to the Yellowstone Growers Ass'n., of Sydney, Montana. The third prize went to the

**By D. L. HAGERMAN**  
AGRICULTURAL AGENT PENNSYLVANIA SYSTEM

Markets Dept. of the Washoe County Farm Bureau of Reno, Nevada, and the fourth to the Meadowland Potato Ass'n., Meadowland, Minn. In this case the Golden Russet won easily over all other varieties and from all other states.

In this contest a purse of \$250 was distributed according to the score to the four highest winners together with the Ass'n loving cup to the highest. This was a beautiful silver cup which will be a credit to any potato growers organization. The fact that Michigan won this prize with the Petoskey Golden Russet over all other competing varieties excited considerable discussion at the Exposition and won the favor of many of the growers of other varieties in other states for the Golden Russet.

In the one peck exhibition of Rural Russets ten prizes were offered by the Ass'n, and all these prizes except the 7th were won by Michigan exhibitors, the 7th going to a New York farmer. The first prize of this exhibition was awarded to Mr. Lee Sneathen of Charlevoix county and the second prize went to J. Fred Brody of Cheboygan county while the third prize to E. Sutton, Central Lake, Antrim county.

In the 100 lb. exhibit of seed potatoes for seed plot purposes with all varieties competing, Michigan won second and fifth, the second prize going to J. Fred Brody of Charlevoix county and the fifth to Gladden & Sons at Alba. Competition in this class was very

heavy and due to the bulk of the exhibition Michigan growers had very few samples exhibited. The first prize went to Russet Burbank potatoes and was awarded to Will Miller of Raby, Minnesota.

In connection with the above prizes the sample exhibited by Mr. Lee Sneathen of Charlevoix county also won a \$25 prize for being the best peck of any variety of potatoes exhibited from outside of Minnesota. In this exhibition competition was also very keen and the Michigan potato growing industries can consider themselves fortunate in having the Golden Russet win in this contest and also in having the prize come to a Michigan grower.

The judging of exhibitions at the Potato Show was in the hands of C. L. Fitch, Extension Prof. of Vegetables, Ames, Iowa; Charles Brown, Potato Authority in Minnesota; and J. G. Milward, Extension Horticulturist, Madison, Wis.

The winning of these prizes will carry with it the confidence of a great many potato growers who are users of northern grown seed and this success should be considered as an especially fortunate achievement due to the fact that Michigan has not heretofore been considered one of the principal potato seed producing states.

Continuing the program of advertising Michigan seed potatoes in the other states, the prize winning exhibitions from the International Potato Show and other exhibitions of certified seed will be taken to the Farmers' Week and Winter Round-up of several of the corn belt states.

## Farmers' Commission Company Gets Business in Western Markets

**G**ROWTH IN the volume of business transacted by the Central Co-operative Commission Association, a farmer-owned and controlled live stock commission company set up by the Minnesota Farm Bureau Federation at the So. St. Paul, Minn., stock yards, establishes a record never before approached in the history of live stock marketing, according to Manager W. A. McKerrow, a member of the Farmers' Live Stock Marketing Committee of 15. Since its establishment the farmers' company has rapidly jumped into the lead and is now doing nearly 20 per cent of all the business at the St. Paul yards.

Out of 194,450 head of live stock handled on the So. St. Paul markets from Aug. 8 to Sept. 1, the Central Co-operative Commission Association handled 28,012 or more than 14 per cent of the total. The next largest commission company handled 14,000 head, and the third largest 11,824 head. From Sept. 1 to Sept. 23, a total of 164,300 head of live stock were handled on the St. Paul market; of this number the Central Co-operative Commission handled 32,143, or 19 1-2 per cent. The second largest of the commission companies handled 10,307 head, and the third largest 8,969 head. On many days the farmers' company handled from 25 to 29 per cent of the business. All departments of the farmers' company find themselves able to procure the very best prices on all classes of stock. A carload of 1100 pound steers and heifers were sold for \$9.00 per cwt., the top of the market. The growth of the farmers' company is well shown by the fact that during the first week of business 71 carloads of live stock were handled, while six weeks later 190 cars were

consigned to the co-operative commission house.

The Central Co-operative Commission Association opened its offices on August 8. The organization has as members 300 live stock shipping associations in Minnesota, Wisconsin and the Dakotas. It has been doing business with a 25 per cent reduction in commission charges and has been laying up a surplus of 20 per cent. This year's business will represent a saving of \$70,000 to the shippers in comparison with the commissions usually charged.

Manager McKerrow is urging farmers to organize and support their local live stock shipping associations and to pay the managers what they are worth. He predicts that the time will soon arrive when most of the live stock marketing of the country will be done by co-operative shipping and marketing associations.

### Grange Annual Next Month

**T**HE FORTY-eighth annual session of the Michigan State Grange will be held at Flint from Tuesday to Friday, December 13-16th. Headquarters will be at the magnificent new Hotel Durant. Railroad rates will be at one and one-third of the regular round-trip fare from all parts of the state.

The session will be opened by welcoming addresses by the secretary of the Flint Chamber of Commerce and others. Wednesday evening will occur the annual banquet and speaking program, following the open program of the afternoon, both of which will be under the direction of Mrs. Stockman.

Speakers at the banquet will include Presidents David Friday of M. A. C., and Marion Leroy Burton of the University.

Thursday and Friday will be given to consideration of reports of committees. Thursday evening the higher degrees (fifth and sixth) will be conferred.

The State Grange officers report an awakened interest in the Grange and a desire to push it to the front. It is believed that the next annual convention will prove a real get-together in which the good old Grange spirit will again prevail.

### \$2.41 Nov.-Dec. Milk Price

**I**T TOOK two anxious sessions of the board of directors of the Michigan Milk Producers' Ass'n to determine upon the milk price for the Detroit area for the months of November and December. As stated last week the distributors wanted the producers to accept \$2.31 with a surplus clause, which the producers refused, holding out for \$2.51, without the surplus clause. At the second conference between the board and the distributors a compromise was effected, and the price agreed upon for November and December was \$2.41, the distributors to take all the surplus. Under the circumstances it is felt that the Producers' Ass'n did well to secure even this price for its members, and there is no doubt but what it will compare favorably with the prices paid in most of the other comparable areas. When compared with the prices which farmers outside the area are getting, it looks like an inheritance.



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SATURDAY, NOVEMBER 12, 1921

Published every Saturday by  
**THE RURAL PUBLISHING COMPANY, Inc.**  
Mt. Clemens, Michigan

Represented in New York, Chicago, St. Louis and Minneapolis by  
the Associated Farm Papers, Incorporated

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Entered as second-class matter, at post-office, Mt. Clemens, Mich.

## Both in the Same Boat

THE EDITOR of a paper published in Chicago comments as follows upon a letter written to him by a northwestern farmer deploring the present plight of the farmer:

"The impairment of the farmer's purchasing power does not disturb me any more than the impairment of the laborer's purchasing power. We cannot have prosperity if the farmer has to pay high prices for goods which he purchases with low priced production. True. But, vice versa, the farmer will not be prosperous if the fellows who must buy his products haven't the money to pay high prices. It's fifty-fifty all around and the farmer is suffering no worse, in fact, infinitely less than the laboring man, who has been reduced to the point in some cases where he can't figure out where his winter's meals and warmth are to come from. Please send me a picture of the first northwestern farmer you learn of who dies from starvation."

If our friend had been in a more sympathetic frame of mind he wouldn't have compared the farmer with the laboring man. For the farmer has capital invested; the laborer has not. Had he put the farmer up alongside any other class the comparison would have told an altogether different story. It is not the farmer's fault that labor is out of a job. The laboring man will suffer, but he will not go hungry. We have never yet let a man starve to death in this country. For the laborer this period of depression means being out of a job for a few months at the worst. For the farmer it means the mortgaging of his future. We have all sorts of sympathy for the man who is out of work and a family to feed. The farmer should, indeed, be grateful that he has a roof above his head and does not worry about where his next meal is coming from. But at the same time he is entitled to compassion for he has suffered more than any other class of people, bar none.

## Cancer

BACK IN the old biblical days the fear of leprosy was greater than the fear of God. Now it is cancer, the very mention of which almost causes one to shudder and be afraid. Cancer is not contagious as was leprosy or are the dreaded so-called "social" diseases, but it is fully as deadly and far more prevalent. One out of every ten men over 40 years of age who dies is a cancer victim, while the ratio with women is one out of eight. About three thousand people die each year in Michigan alone from cancer. Much of this fatality is unavoidable; most of it is. When taken in time cancer can be cured or its progress at least arrested. But beyond a certain point all the science of the world cannot save the sufferer. Last week Michigan observed "cancer week", and through the press and the school and from the lecture platform people were told how to detect cancer symptoms in time to prevent the disease from becoming fatal. The real menace of cancer is better under-

stood when one learns that it seldom gives any definite warning until it has gone beyond the curable stage. The symptoms of nearly all other serious diseases are very pronounced. Within a few hours after the disease is contracted the patient usually knows what is the trouble. But not so with cancer. It may manifest itself as mere indigestion, or a pain in the abdominal region such as the patient may often have experienced, or in a surface lump which may be so tiny as to scarcely be noticeable. The only sure way for anyone who suffers chronically in the above respects is to consult a competent doctor who as a rule can detect the true symptoms of cancer if they actually exist. Relieve your mind of one thing. Cancer is neither hereditary nor contagious.

## Mr. Brown

MEET MR. BROWN. He is President Harding's efficiency expert, chairman of the congressional reorganization commission which is charged with the duty of making certain reforms in the machinery and functions of the Department of Agriculture and the Federal Trade Commission. Both of these bodies are the "bolsheviks" among the innumerable departments and bureaus of the national government. Consequently they have become most unpopular with certain powerful interests who would like nothing better than to have their claws clipped and their powers curtailed.

But instead of proceeding in a diplomatic fashion, Mr. Brown "spilled the beans" the very first thing. Speaking before a gathering of farmers' representatives at Washington, Mr. Brown "stressed the overlapping nature of certain duties in connection with the Department of Commerce and of State in connection with foreign trade; and with this as a foundation he then argued the case of the Department of Agriculture and the Department of Commerce, and stated his belief that the functions of the Department of Agriculture should be confined to those of production. His feeling was that when it came to matters like selling farm products that proper jurisdiction should lie in the Department of Commerce."

His suggestion was about as welcome to the farmers' representatives as a flock of bees at a picnic. He was gently reminded that such a change would place the marketing of farm products in the hands of powerful business influences that had been consistent opponents of agricultural co-operation. He was politely informed that the farmers would never stand for such a "reform".

The forces of reaction are trying desperately hard to return to power at Washington. They have scored some victories, but so long as the farmers are represented by their present organizations at the capitol city, it is safe to say that Mr. Brown will have a hard job crippling the Department of Agriculture and the Federal Trade Commission.

## "In the Service of Those Who Suffer"

SUCH IS the mission and the record of the American Red Cross. When war lays its cruel hand upon a people the Red Cross comes, administers to the dying, binds up the wounds of the suffering, feeds and clothes and comforts the fatherless. When the flood breaks from its prison and rushes down into peaceful valleys swallowing all before its path, it is the Red Cross that is the first upon the scene to search for the dead and bring the half-dead back to life. No matter what the calamity, fire, earthquake, pestilence or famine, the Red Cross nurse is there imperiling her own life perhaps to ease the sufferings of others. The American people must stand by the Red Cross as the Red Cross has stood by them in their every hour of trouble. Every American citizen should be a member of the Red Cross and help to support it. The chance to join comes every year at the time of the Red Cross Roll Call. Membership fee is one dollar per year. The fifth annual roll call opened Nov. 11th and will continue until Nov. 24th. Be sure your name is there "when the roll is called".

## Steady, Thar!

WHEN FALL winds pick up the dead leaves and rubbish and send them scurrying across the fields they are likely to set your team to prancing. But with a firm hand on the rein, and a cool, reassuring, "whoa, steady thar", you soon quiet them down and they settle again to work. Horses are lucky to have someone at their rein to keep them in the traces. Man is not so fortunate. When the winds of vicissitudes begin to blow he often loses his head and does a lot of foolish things which at other times he would never think of doing. Cold and bitter are the winds of misfortune which are blowing today. As the wintry gales shriek about the unprotected farm house, so do the winds of the business world beat down upon the farming industry, frightening men and destroying their judgment. Now if ever men must keep their heads level. Falling prices are discouraging and fill the holder of products with alarm lest they drop to further levels. But the dumping of products on the market only further disturbs the equilibrium of business and sets loose new and fiercer currents. Fall is the time of the Great Harvest. Fall is the time of falling prices. In only the most exceptional years have prices for farm products advanced during the great fall marketing season. It is their nature to decline and they will decline this year as in other years. But these falling prices are only the bits of leaves which startled the horses. By and by they blow away; the winds calm down; and all is peace again. So, steady, thar!

## Beware of False Gods

IT SEEMS HARDLY necessary to assure our readers that the co-operative society which failed recently in Chicago with liabilities of about 15 million dollars was in no sense of the word a "farmers' co-operative" concern. And in only a slight sense of the word was it even "co-operative". In fact, we are told that it was in reality a common trust corporation and the only co-operative feature was the distribution of profits which were never earned. Evidence brought out in the court proceedings showed that the promoters were not co-operators at heart. If they did not actually promote the proposition to defraud, they were at least mighty poor business men whose integrity is open to question. A lot of people are preaching "co-operation" nowadays who don't know the meaning of the term. And there are very definite limits to the field in which co-operation can be successfully practised. Co-operation will solve a lot of problems, but not all of them by a long shot. When anyone dangles co-operative bait before you, investigate a long time before you bite.

## Foch Sets Example

WHEN THE French general, Foch, arrived in this country a few days ago he made it known that he would partake of no wines or other alcoholic drinks in defiance of the laws of the country. This spirit of obedience to law is in striking contrast with the spirit of another great general, an American, whom 'tis said on good authority, totes his whiskey with him wherever he goes, relying upon his uniform and prestige to protect him from arrest. Foch's example should set to shame the thousands of people who call themselves good American citizens but who are both secretly and openly flaunting the prohibition law and seeking to make it an object of scorn and ridicule. For whatever else we may be grateful to Marshal Foch for, a vast army of American people will remember always that he respected our laws.

The editor who spoke of a severe shake-up in government offices evidently refers to the fact that bureau chiefs ride in flivvers now.—Manila Bulletin.

The thing that troubles the country is not only the unemployment of the idle, but the idleness of the employed.—Chicago American Lumberman.



(Continued from last week)

## CHAPTER SIX

IT IS doubtful whether in the few moments that followed, any clear-cut mental argument passed thru Neewa's head. It is too much to suppose that he deliberately set about assisting the half-dead and almost unconscious Miki from his precarious position. His sole ambition was to get himself where it was safe and dry, and to do this he of necessity had to drag the pup with him. So Neewa tugged at the end of his rope, digging his sharp little claws into the driftwood, and as he advanced Miki was dragged up head foremost out of the cold and friendless stream. It was a simple process. Neewa reached a log around which the water was eddying, and there he flattened himself down and hung on as he had never hung to anything else in his life. The log was entirely hidden from shore by a dense growth of brushwood. Otherwise, ten minutes later Challoner would have seen them.

As it was Miki had not sufficiently recovered either to smell or hear his master when Challoner came to see if there was a possibility of his small comrade being alive. And Neewa only hugged the log more tightly. He had seen enough of the man-beast to last him for the remainder of his life. It was half an hour before Miki began to gasp and cough, and gulp up water, and for the first time since their scrap in the canoe the cub began to take a live interest in him. In another ten minutes Miki raised his head and looked about him. At that Neewa gave a tug on the rope, as if to advise him that it was time to get busy if they were expected to reach shore. And Miki, drenched and forlorn, resembling more a starved bone than a thing of skin and flesh, actually made an effort to wag his tail when he saw Neewa.

He was still in a couple of inches of water, and with a hopeful eye on the log upon which Neewa was squatted he began to work his wobbly legs toward it. It was a high log, and a dry log, and when Miki reached it his unluckily star was with him again. Cumbrously he sprawled himself against it, and as he scrambled and scraped with his four awkward legs to get up alongside Neewa he gave to the log the slight push which it needed to set it free of the sunken driftage. Slowly at first the eddying current carried one end of the log away from its pier. Then the edge of the main current caught at it, viciously—and so suddenly that Miki almost lost his precarious footing, the log gave a twist, righted itself, and began to scud down stream at a speed that would have made Challoner hug his breath had he been in their position with his faithful canoe.

In fact, Challoner was at this very moment portaging the rapids below the waterfall. To have set his canoe in them where Miki and Neewa were gloriously sailing he would have considered an inexcusable hazard, and as a matter of safety he was losing the better part of a couple of hours by packing his outfit through the forest to a point half a mile below. That half mile was to the cub and the pup a show which was destined to live in their memories for as long as they were alive.

They were facing each other about amidships of the log, Neewa flattened tight, his sharp claws dug in like hooks, and his little brown eyes half starting from his head. It would have taken a crowbar to wrench him from the log. But with Miki it was an open question from the beginning whether he would weather the storm. He had no claws that he could dig into the wood, and it was impossible for him to use his clumsy legs as Neewa used his—like two pairs of human arms. All he could do was to balance himself, slipping this way or that as the log rolled or swerved in its course, sometimes lying across it and sometimes lengthwise, and every moment with the jaws of uncertainty open wide for him. Neewa's eyes never left him for an instant. Had they been gimlets they would have bored holes. From the acuteness of this life-and-death stare one would have given Neewa credit

# Nomads of the North

A STORY OF THE GREAT OUTDOORS

By JAMES OLIVER CURWOOD

Michigan's Own and America's Foremost Author of Wild Life Romance

## SYNOPSIS

IT IS SPRING and in the northland Neewa, a black bear-cub, and his mother, Noozak, are starting on a journey to their feeding grounds. One evening after his mother is asleep Neewa wanders through the woods by himself. He has an exciting adventure with an old he-bear and his mother appears just in time to save his life. In the meantime, Challoner, a Hudson Bay Co. factor, discovers the tracks of the bears. He has a pup, Miki, with him, which he is taking to his sister, and he decides he would like to secure the cub to give to her also. He meets up with the bears, kills Noozak and secures Neewa. Challoner returns to his camp with Neewa and the cub and Miki become fairly good friends. The next morning Challoner ties Neewa and Miki, one at each end of a leash, puts them in the front end of his canoe and starts down the river. As they are nearing a waterfall the pup and the cub get into a fight and roll out of the canoe. Challoner, who rows to the shore, thinks the two will be killed but, unknown to him they arrive at the foot of the falls much bruised but still alive.

for understanding that his own personal safety depended not so much upon his claws and his hug as upon Miki's seamanship. If Miki went overboard there would be left but one thing for him to do—and that would be to follow.

The log, being larger and heavier at one end than at the other, swept on without turning broadside and with a swiftness and appearance of a huge torpedo. While Neewa's back was turned toward the horror of frothing water and roaring rock behind him, Miki, who was facing it, lost none of its spectacular beauty. Now and then the log shot into one of the white masses of foam and for an instant or two would utterly disappear; and at these intervals Miki would hold his breath and close his eyes while Neewa dug his toes in still deeper. Once the log grazed a rock. Six inches more and they would have been without a ship. Their trip was not half over before both cub and pup looked like two round balls of lather out of which their eyes peered wildly.

Swiftly the roar of the cataract was left behind; the huge rocks around which the current boiled and twisted with a ferocious snarling became fewer; there came open spaces in which the log floated smoothly and without convulsions, and then, at last, the quiet and placid flow of calm water. Not until then did the two balls of suds make a move. For the first time Neewa saw the whole of the thing they had passed thru, and Miki looking down stream, saw the quiet shores again, the deep forest, and the stream aglow with the warm sun. He drew in a breath that filled his whole body and let it out again with a sigh of relief so deep and sincere that it blew out a scatter of foam from the ends of his nose and whiskers. For the first time he became conscious of his own discomfort. One of his hind legs was twisted under him, and a foreleg was under his chest. The smoothness of the water and the nearness of the shores gave him confidence, and he proceeded to straighten himself. Unlike Neewa he was an experienced voyageur. For more than a month he had travelled steadily with Challoner in his canoe, and of ordinarily decent water he was unafraid. So he perked up a little, and offered Neewa a congratulatory yip that was half a whine.

But Neewa's education had travel-

led along another line, and while his experience in a canoe had been confined to that day he did know what a log was. He knew from more than one adventure of his own that a log in the water is the next thing to a live thing, and that its capacity for playing evil jokes was beyond any computation that he had ever been able to make. That was where Miki's store of knowledge was fatally defective. Inasmuch as the log had carried them safely through the worst stretch of water he had ever seen he regarded it in the light of a first class canoe—with the exception that it was unpleasantly rounded on top. But this little defect did not worry him. To Neewa's horror he sat up boldly and looked about him.

Instinctively the cub hugged the log still closer, while Miki was seized with an overwhelming desire to shake from himself the mass of suds in which, with the exception of the end of his tail and his eyes, he was completely swathed. He had often shaken himself in the canoe; why not here? Without either asking or answering the question he did it.

Like the trap of a gibbet suddenly sprung by the hangman, the log instantly responded by turning half over. Without so much as a wall Miki was off like a shot, hit the water with a deep and solemn chug, and once more disappeared as completely as if he had been made of lead.

Finding himself completely submerged for the first time, Neewa hung on gloriously, and when the log righted itself again he was tenaciously hugging his old place, all the froth washed from him. He looked for Miki—but Miki was gone. And then he felt once more that choking drag on his neck! Of necessity, because his head was pulled in the direction of the rope, he saw where the rope disappeared in the water. But there was no Miki. The pup was down too far for Neewa to see. With the drag growing heavier and heavier—for here there was not much current to help Miki along—Neewa hung on like grim death. If he had let go, and had joined Miki in the water, the good fortune which was turning their way would have been missed. For Miki, struggling well under water, was serving both as an anchor and a rudder; slowly the log shifted its course, was

caught in a beach-eddy, and drifted in close to a muddy bank.

With one wild leap Neewa was ashore. Feeling the earth under his feet he started to run, and the result was that Miki came up slowly through the mire and spread himself out like an overgrown crustacean while he got the wind back into his lungs. Neewa, sensing the fact that for a few moments his comrade was physically unfit for travel, shook himself, and waited. Miki picked up quickly. Within five minutes he was on his feet shaking himself so furiously that Neewa became the center of a shower of mud and water.

Had they remained where they were, Challoner would have found them an hour or so later, for he paddled that way, close inshore, looking for their bodies. It may be that the countless generations of instinct back of Neewa warned him of that possibility, for within a quarter of an hour after they had landed he was leading the way into the forest, and Miki was following. It was a new adventure for the pup.

But Neewa began to recover his good cheer. For him the forest was home even if his mother was missing. After his maddening experiences with Miki and the man-beast the velvety touch of the soft pine needles under his feet and the familiar smells of the silent places filled him with a growing joy. He was back in his old trails. He sniffed the air and pricked up his ears, thrilled by the enlivening sensations of knowing that he was once more the small master of his own destiny. It was a new forest, but Neewa was undisturbed by this fact. All forests were alike to him, inasmuch as several hundred thousand square miles were included in his domain and it was impossible for him to landmark them all.

With Miki it was different. He not only began to miss Challoner and the river but became more and more disturbed the farther Neewa led him into the dark and mysterious depths of the timber. At last he decided to set up a vigorous protest, and in line with this decision he braced himself so suddenly that Neewa, coming to the end of the rope, flopped over on his back with an astonished grunt. Seizing his advantage Miki turned, and tugging with the horse-like energy of his Mackenzie father he started back toward the river, dragging Neewa after him for a space of ten or fifteen feet before the cub succeeded in regaining his feet.

Then the battle began. With their bottoms braced and their forefeet digging into the soft earth, they pulled on the rope in opposite directions until their necks stretched and their eyes began to pop. Neewa's pull was steady and unexcited, while Miki, dog-like, yanked and convulsed himself in sudden backward jerks that made Neewa give way an inch at a time. It was, after all, only a question as to which possessed the most enduring neck. Under Neewa's fat there was as yet little real physical strength. Miki had him handicapped there. Under the pup's loose hide and his overgrown bones there was a lot of pull, and after bracing himself heroically for another dozen feet Neewa gave up the contest and followed in the direction chosen by Miki.

While the instincts of Neewa's breed would have taken him back to the river as straight as a die, Miki's intentions were better than was his sense of orientation. Neewa followed in a sweeter temper when he found that his companion was making an unreasonable circle which was taking them a little more slowly, but just as surely, away from the danger ridden stream. At the end of another quarter of an hour Miki was utterly lost; he sat down on his rump looked at Neewa, and confessed as much—with a low whine.

Neewa did not move. His sharp little eyes were fixed suddenly on an object that hung to a low bush half a dozen paces from them. Before the man-beast's appearance the cub had spent three-quarters of his time in eating, but since yesterday morning he had not swallowed so much as a bug. He was completely empty, and the object he saw hanging to the bush set every salivary gland in his mouth working. It was a wasps

## MUSINGS OF A PLAIN FARMER

A FARMER there was an he  
knocked and he knocked.  
Even as you and I.  
About the Farm Bureau and other  
Co-ops.  
Some said they had prospects and  
never would stop.  
But the farmer was stubborn and  
kept his ten spot  
Even as you and I.

Now this farmer was angry when  
markets went down.  
Even as you and I,  
Since the world defalcation is  
gaining renown  
It takes fifty bushels for one sterling  
pound

So this farmer he frowns and he  
frowns and he frowns  
Even as you and I.

But the bureau and Brody are  
fighting our fight  
Moreso than you and I.  
They are working by day and  
working by night  
Even for you and I.

We can sneer, we can growl  
We can say what we will  
Yet the Bureau and Brody  
Will stand by us still  
Always for you and I.

—A. P. Ballard.

(Continued on page 11)



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31x4	9.90	35x4 1/2	12.65
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### ANNUAL MEETING WILL DETERMINE YEAR'S POLICY

(Continued from page 2)

cial and political world will be centered on the annual meeting.

In the review of the Federation's work in 1920 particular interest will be attached to the report of Gray Silver, who is in charge of the Washington office. The present congress has to its credit more agricultural legislation than any other in a like period since the first congress convened in the Old State House at Philadelphia. This agricultural legislation has been passed largely at the insistence of the Farm Bureau. Among the more important measures to which the Farm Bureau points are:

1. The packer and stock yards control measure.
2. Regulation of grain exchanges and future trading in grain.
3. Extension of War Finance Corporation's powers to lend \$1,000,000,000 to farmers and co-operative associations.
4. Increasing the rate of interest on Federal Farm Loan bonds from 5 to 5 1-2 per cent.
5. Increasing by \$25,000 the working capital of the Federal Farm Loan System.
6. Limiting immigration to 2 per cent of the foreign born residents in this country as recorded in the 1910 census.
7. Emergency tariff.

J. W. Coverdale, secretary of the Federation, who has charge of the Department of Organization, will include in his report, not only an account of the organization of federations in 47 states, but also the reports of the eight departments housed in the Chicago office of the organization.

The report of the Department of Co-operative Marketing will tell how the commodity marketing idea has been developed by the Farm Bureau, will tell of the six commodity meetings held during the year and of the appointment of expert committees to work on the problem of marketing of each of these commodities. It will tell in detail the work of the Farmers' Grain Marketing Committee of 17 and its plan which grew into the U. S. Grain Growers, Inc. It will also tell of the establishment, within the Federation of divisions of Wool Marketing, Dairy Marketing and Grain Marketing. It will tell of the plans for the immediate creation of divisions of Fruit Marketing, Live Stock Marketing and Cotton Marketing.

Outstanding in the report of the Department of Transportation will be the story of its intervention in the grain rate case, which resulted in the recent cut of \$40,000,000 in grain rates, a reduction of \$10,000,000 in live stock rates, and of its activity in securing a rate reduction on all basic commodities.

There will be reports from the Department of Finance, the Legal Department, the Department of Research and the Department of Information.

The annual meeting at Atlanta is of deep significance to the entire nation. The farmers all over the country have been in a sad economic plight. Their condition has resulted in a business stagnation that has paralyzed the world. The Farm Bureau, the farmers' own organization, offers promise of solving these economic problems. It has accomplished much within the last twelve months. Whether or not it will accomplish anything the next twelve months will be up to the delegates who attend the meeting at Atlanta, November 21-23.

### POTATO PRODUCERS CO-OPERATE ON MILLION DOLLAR SALE

THE "DEFLATION" of the potato market during the past season has led to the formation of the Empire State Potato Growers' Association, composed of 31 local co-operative marketing associations throughout the state of New York. The state association will sell co-operatively the potato and cabbage crops produced by the members of these local associations, which will total at least 2,000 carloads for the season, with the value exceeding one million dollars.

The aim of the Empire State Potato Growers' Association is not only to secure a better return to the farmers by grading their product and preventing low price fixing by combines of buyers at shipping points, but also to improve quality and lower the price to the consumer, who will profit by grading and standardization and the elimination of useless middlemen and speculators. In the words of the secretary of the new Association: "More and more of our farmers are beginning to realize that we have, as a class, been putting in too many hours a year on the production end of our business, and far too few hours time on the marketing

### A STORY OF TWO COWS

A West Virginia cow-testing association kept records on two cows. One was a scrub, the other a high grade. And this is the story which the records told:

	Scrub	Grade
Pounds of milk	3600	7500
Pounds of fat ..	154	320
Income from milk and fat ..	\$98	\$164
Value of feed eaten ...	\$85	\$95
Return over feed cost .....	\$13	\$70

end." The Association is managed by a board of 9 directors, elected annually by the local associations, each of which has one vote. Its method of operation is similar to that of the Dairymen's League of New York and the Michigan Potato Growers Association.

Up in North Dakota the potato growers are working out a similar plan. The North Dakota Potato Growers' Exchange was organized a year ago to secure fair prices and honest grades for the growers, and met with such success that its members have now signed up three-year contracts for the marketing of their entire crop through the Exchange. The sale will be handled the same as last year, in co-operation with the Minnesota Potato Exchange, a well-established producers' organization in the neighboring state.

### WINTER SHORT COURSES AT M. A. C.

THE FIRST of the winter short courses at the Michigan Agricultural College opened Monday, October 31 with an enrollment of 87, with more coming every day. This enrollment is below the corresponding enrollment of last year a little bit. The reason for the falling off is given as the general tightness of the money situation. Two new tractor courses are being added this winter. These courses have been especially popular for the past few years and the demand has brought about introduction of these courses. The first of these tractor courses starts about December 1.

A two-weeks course in dairy barn management and cow testing will open Dec. 5th.—C. E. Johnson, M. A. C. Correspondent.

### U. P. COUNTY AGENTS CONVENE MEETING

A MEETING of county agents of the Upper Peninsula was held in Marquette Monday and Tuesday, Nov. 7 and 8. J. W. Weston, Assistant State Leader of County Agents, called the conference to discuss the results of the past years work and to plan for the coming year. Prof. O. E. Reed, head of the M. A. C. dairy department, was present and pushed the matter of forming co-operative bull associations in the Upper Peninsula and better establishing the dairy industry in that section of the state.—C. E. Johnson, M. A. C. Correspondent.

### CO-OPERATIVE DAIRY PRODUCTS ASS'NS IN U. S.

THE Dairy Marketing Department on July 9, 1921, sent out a request to agricultural agents of the United States for a list of the co-operative creameries, co-operative cheese factories and co-operative market milk organizations operating in the various counties. The county agents have responded in a splendid way and the tabulated results to date show 1,251 co-operative creameries located in 32 states; 308 co-operative cheese factories from 18 states and 122 milk marketing organizations with 27 states represented.

### M. A. C. EDUCATIONAL CAMPAIGN IN ALLEGAN CO.

SATURDAY, Nov. 5th, was the closing day of the Milk and Alfalfa Campaign in Allegan county which has been going on since Thursday, Oct. 26th. The extension department of the M. A. C. carried on the campaign for to create a greater interest in alfalfa, better dairying, better animals and improved dairying methods in Allegan county. All those taking part in the campaign report very strong interest was shown and it was considered one of the most successful extension campaigns put on by the agricultural college.

The farm crops department of the M. A. C. was represented by Prof. J. F. Cox, R. C. Megee, D. F. Rainey and H. C. Raper, extension specialist. C. W. Nicholson of the State Farm Bureau seed department was also there Thursday and Friday, the 27th and 28th. Prof. O. E. Reed, head of M. A. C. dairy department, J. A. Waldron, extension specialist, and A. C. Baltzer had charge of the dairy end of the campaign. The home economics department of the college was represented by Mrs. Louise H. Campbell and Miss Mariel Hopkins. The ladies spoke on the food value of milk, emphasizing its value for growing children.

County Agent Bental, in co-operation with the local groups in the county, arranged for the meetings of which there were four held each day. At these meetings representatives of both the farm crops and dairy departments of the college gave practical demonstrations and talks about the value of alfalfa, better dairy animals and more efficient methods of milk production.

Those speaking about alfalfa emphasized the value in feeding rations, greater yielding ability and its value as a soil builder. Points mentioned regarding the production of this crop were: Well drained and firm seed-bed, the use of lime or marrow, the adaptation of the seed and the using of northern grown, hardy seed, especially the Grimm variety. The seed of alfalfa in the county was well shown. Alfalfa which has been grown by farmers in that section has yielded well while the other hay crops have failed this year.

A number of bull associations and cow-testing associations will be organized in the near future. Enough cows for two additional cow-testing associations were secured during the campaign. In one community four scrub bulls were exchanged for pure-bred sires.

The day meetings averaged 12 in attendance at each one and the night round-up meetings drew crowds of 104 each evening. The total number of people reached by the campaign workers was estimated at better than 2,000. Great interest was shown in the practical demonstrations and charts which the extension men brought with them.

Meetings were held as follows: Wednesday, Oct. 27th. Moline; Thursday, Wayland; Friday, Martin; Saturday, Plainville; Monday, Nov. 1, Pullman; Tuesday, Pennville; Wednesday, Hamilton; Thursday, Burnips; Friday, Allegan; Saturday, Hopkins.—C. E. Johnson, M. A. C. Correspondent.

### EUROPEAN CORN BORER QUARANTINE EXTENDED

DECISION to continue its fight against the European corn borer in this country along the lines now pursued was announced last Thursday, Nov. 3 by the Federal Horticultural Board of the United States Department of Agriculture. The quarantine as revised, effective Nov. 15, covers the areas of infestation in Massachusetts and New Hampshire, in eastern and western New York, in Erie County, Pa., and the Lake strip in northern Ohio, together with three townships bordering Lake Erie in Monroe County, Mich. The revision embodies the unanimous recommendations of the states represented at the public hearing held by the board on October 11.

### It Might Be Discouraging

A female salmon yields about 3,500 eggs per year. This is the sort of thing we hush up for fear our Wyandottes should give up trying.—London Opinion.



## Farmers Service Bureau

(A Clearing Department for farmers' every day troubles. Prompt, careful attention given to all complaints or requests for information addressed to this department. We are here to serve you. All inquiries must be accompanied by full name and address. Name not used if so requested.)

### 1918 WOOL CLIP RETURNS

Have noticed in your columns of a subscriber who has just received balance on 1918 wool clip. I have never received mine. Will you please inform me what steps to take to get the balance due me?—J. L. C., Ingham County.

The distribution of the excess wool profits was formerly in the hands of the War Industries Board. This board has passed out of legal existence, and the wool division of the Department of Agriculture, Washington, D. C., has charge of the matter. Write to this division stating in detail amount of wool sold, date of sale, name of purchaser and amount received. If you do not hear from them in a reasonable length of time let us know.—Editor.

### MOTION TO AMEND PROPER

Can an amendment be made to a motion that robs the motion of its real intent? I am a member of M—Grange and we are changing our policy on our hall and at a meeting a motion was made to change from class one to class three. During the discussion that followed an amendment was moved and supported that the policy be changed to the Grange Mutual Company and it was about to be voted on when a protest was made declaring the motion was not an amendment but an annulment of the original motion. Was the amendment in order or out of order?—W. W., Livingston, Mich.

The motion made to amend the original was germane to the subject of insurance and, in a parliamentary sense, was proper.—Legal Editor.

### DISTANCE CHILD MUST WALK TO SCHOOL

How far does the law compel children to walk to school in the state of Michigan, and can the school boards set the price on what they will pay for hauling them?—A. C. S., Mio, Michigan.

The compulsory attendance law provides that children under nine years of age who reside more than two and one-half miles from the school house by the nearest traveled road are exempt from attendance in school. No other statement is made in the school law in regard to the distance children can be compelled to walk to school.

The school board has the right to pay for the transportation of pupils to school. It also has the right to set the price for the transportation. Usually the school board receives bids on different routes for transportation but reserves the right to reject any or all of them.—T. E. Johnson, Superintendent of Public Instruction, Lansing, Michigan.

### WRONG TO PICK OVERHANGING FRUIT

As we are having a discussion in our class over "Resolved, that it is wrong to pluck fruit from branches overhanging highway," will you please send me an answer to this question?—Miss T. R., Genesee County, Michigan.

The fruit upon trees overhanging a highway belongs absolutely to the adjoining proprietor, the same as if he planted potatoes or corn or beans or any crop within the highway limits. It would be morally wrong and legally wrong for any one to appropriate such product to his own use without the consent and agreement of the owner. This applies to fruit, nuts, crops, flowers or any product. The public have the right to use of the road for travel but the owner has title to the middle of the road and can use the same for such purposes as do not conflict with the public easement.—Legal Editor.

### SYMPTOMS OF TUBERCULOSIS

Can you tell me through your good paper what are the symptoms of tuberculosis. Please tell me what to do for safety and oblige.—P. L. J., Isabella County, Michigan.

As someone has very well written, another way to spell tuberculosis during its early stages is t-i-r-e-d. The patient feels all in, even when he gets up in the morning and by the time of the end of the working day, he is thoroughly fatigued. Accompanying or closely following this feeling of lassitude, comes loss of weight and loss of ap-

petite. In children and younger adults, the loss of appetite is often a much noticeable symptom and along with it the family may notice that the child is irritable and easily upset.

A cough with or without expectoration is another early symptom. The consumptive cough is usually worse in the morning on rising, when the patient is trying to expel the material accumulated during the night.

Pain in the chest, usually worse on one side and due to the pleurisy (Continued on page 12)

### What the Neighbors Say

#### THAT TROUBLESOME BEAN PICK

WHEN THE farmers take their beans to market to sell they take a pick out of them, whatever it may be, and charge the farmer 7 or 8 cents per pound for picking. Then they keep the cull beans and sell them back to the farmers for from \$18 to \$20 per ton. They pay the farmer on a hand-picked basis for what is left. Now I want to know how they have got any right to those beans they pick out. They haven't paid the farmer a red cent for them.

A neighbor took his beans to town a few days ago. They picked 12 pounds to the bushel. He would not stand for any such a pick and took them to another town where they picked only 5 pounds to the bushel. Now do you see the game? Do you wonder the farmers are quitting?—Chas. H. Thompson, Osceola County, Michigan.

Hands up, all you farmers who have kicked on the elevators keeping your cull beans! It is unanimous. You ask us why it should be that way. We don't know, any more than we know why the consumer should forever pay three times the price the farmer receives for his products. The bean elevator's answer is, "What we charge for picking these beans does not nearly cover the cost. We don't want these cull beans. We would much rather the farmer would pick his own beans and keep his culls. We make no money out of them." So there you are. It always pays to "shop around" when you have grain or beans to sell, and this year in particular. Beans are not so plentiful as they used to be. Elevators are anxious to buy at present prices, and if you don't get a satisfactory deal at one elevator go to another one, if you can.—Editor.

#### AN EXPRESSION OF GRATITUDE

YOUR editorial entitled, "England a Friend," gave me more pleasure than I can express. Until I was 36 years old, 36 years ago, my home was in England, and I can positively say that I never heard any bitterness ever expressed towards this country, and one never heard of any rancor being held against America, and to hear or read of a good word being spoken for my old home brings a warmth of gratitude to my heart which I most earnestly wish I had the power to express and my thoughts always go to the writer of same with a desire to know them personally.

I think America, my adopted home, is fine and I have met many friends, some of whom I esteem most highly. But "many a time and oft" my thoughts stray to that dear home of my childhood, with a longing that I know now will never be appeased, so again thanking you with all my heart for a word of praise for "dear old England," believe me, yours very sincerely.—Mrs. F. J. Walter, Oceana County, Michigan.

It is a pleasure to know that my editorial found such a response in your heart. There are probably many other native-born English people, as well as native-born Germans, French, Polish, Scandinavians and other nationalities in Michigan who would wish with us that the relations between the United States and their mother country might always be cordial and peaceful. Because they have severed their political allegiance to these countries is no reason why they should cease to love the fond memories of their childhood. It is right and proper that we should cherish these memories and hope for the day when never again shall any of us go forth upon the field of battle to fight against those in whose veins the blood of our ancestors run.—Editor.

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## WISE AND OTHERWISE

IN ANCIENT times all trades and manual labor were held to be demeaning. Cicero was responsible for the statement that, leaving out the professions, farming alone was a noble calling; this was the opinion of that day and prevailed up to the time of Christ, when all manual labor was honored and dignified by his carpentership.

During the time of the Roman invasion of France, so much of the forests were cut that it left the thin soil on the hillsides to the mercy of wind and rain and in time they became barren, rocky slopes. The French peasants have literally covered many of these hillsides with soil carried in baskets on their backs. Today they are growing vineyards and raising grapes on soil running to a depth of not more than 18 inches. Their industry and pluck should certainly have its reward.

## UNFAITHFULNESS

I HAVE just finished reading a piece on our page that made me feel like writing a few lines. Here is a busy home loving wife, her entire life grown and interwoven with that of her husband and their children, she suddenly gets the jolt of her life in finding out her husband, the father of her children, is untrue to her.

Will some one please tell me what is wrong with our men today? (Our neighborhood and town is full of this same thing.) They seem to have turned traitors, deceiving their wives most shamefully, good hard working women that bear their children for them and go without that the same children may have clothes and food. There is too much of this damnable meanness going on. There should be a law for such; a good horsewhipping would do such men good. Take the conceit out of them for that's what ails them more than anything else. It doesn't take much of a woman to lead some men astray, all they have to do is talk and laugh a little and smile at them and they puff up like an old turkey gobbler and his own children get disgusting to him, and his wife, of course, he wonders how on earth he ever put up with such a slow, tiresome woman. An attractive, striking-looking man like he is, I expect he wonders where he's been all this time, and after his wife finds it out, he is just furious with her about it, never with himself or the woman that he let make a fool of him, and when his wife either leaves him and scorns him or else gets up and does the same thing and shows him he isn't the only turkey gobbler on earth, he begins to imagine he is desperately in love with her. I don't wonder she shivers when he touches her, he has dealt her a deadly blow.

I know, for I have suffered the same thing by the man I have called husband. I am still living with him and my trouble happened some few years ago, but there is something gone out of my life and I mourn for that something as I would for the dead. He is sorry, curses himself, hates the woman, but nothing can undo the wrong done me. He wants me to be like I used to be to him but I can no more feel like I used to because there's something that broke in two and there is nothing can mend it.

I would like to read some other views on this subject. I am perhaps happier living with him than I would be living apart and both wretched and I am like the other woman, don't give a snap of my finger for any man although I think there is nothing so noble or big or fine as a good true man. I think a good man should ignore a bold, adventurous woman just as a woman should show a bad man the door. This excusing men for being weak is all rot to me.

I would like to hear some woman or man that has done the wrong, write and tell us their side and how it has affected their lives. If this woman had not been a good wife and had failed in some way to her husband and then he would have been out philandering it would be somewhat different. Maybe some real broad-minded, more forgiving natures can give us some help along this line. It has been hard for me, only God knows the shame and hu-

## The Farm Home

A Department for the Women

Edited by MRS. GRACE NELLIS JENNEY

**DEAR FRIENDS:** Concerning married life, its joys and disappointments, I can only say that it consists very largely in forgiving—and forgetting when possible.

Probably if we understood each other as well as our Maker understands us we could be equal in forgiveness; we are all sons of Adam and daughters of Eve and no one may say what another's temptations may be or what strength he has to resist them.

A mother loves best, perhaps, the sickly child, the weakling in her flock, for his very weakness—Sin is mental or moral sickness. The conclusion is plain—What do you say?—Editor.

miliation I have suffered and then a man expects love and respect from a woman again. Never! She may pity the man for having such a shameful past to think of, but the trustful, proud feeling a wife has for her husband is gone, never to return. You can go on, keep up your home and be happier than you

ing of the carnal or natural body, the making of the machine or house in which we live.

But there was no soul or spirit in that first body. There had been no rain on the earth all was stagnant. Then, read Genesis chapter 2 and verse 7. "God breathed into the first man's nostrils the breath of life

## THE WHITE ACRES IN FRANCE

By John H. Finley

**H**OW MANY eyes have searched (and some through tears) To find the names upon the map of France.

Of these now silent fields where lie their dead— Theirs whom the golden stars cannot requite;

A prairie mother by her lonely lamp; A school girl over her geography; A gray old father proud of his brave loss;

A wife that was; a wife that was to be.

How many! And how many thousand lips

Have learned to speak and love those once strange names!

Romagne, Suresnes, and Belleau Wood; And Bony over in the Flanders fields;

And all the valiant rest; become as dear As was the name of that vast tumulus Of Athen's dead to her.

And our own dead! They are our cloud of witness in France, Whose great white shadows lie upon these hills.

These vales, in sun and cloud, by day and night, And whoso'er these white-cross shadows fall,

There are our "Fields of Honor"; for when'er

Earth drew our dying soldiers to herself (Soldiers enlisted in Earth's cause of right)

She gave the ground they touched to their own land:—

White acres added to America! —New York Times.

ever expected you could, but there will be times when its is just as well your husband doesn't know your thoughts and opinion of him.

### AN INTERESTING LETTER

**E**ACH WEEK your little editorials are more and more interesting. You certainly hit the nail on the head, in your issue of October 15th and am sure you know the great truth of the Universal Law of Progression.

How many of us say, "Why am I here? Why must I fill a place in a life so filled with mistakes?" If you will go back in the beginning of the creation of this world you will find that in sixth period of 42,000 years the earth and all therein was created. At the beginning of the sixth period, the Creator having brought the lower things into perfection at that time, said, "Let us create Man in our own image," Gen., Chap. 1, verse 26. Here we have the mak-

and man became a living soul." Thus the soul body took possession of the material body.

Just as an engine ready for steam or electricity to be turned on becomes a living, useful machine. Every cell was filled with the life-giving breath of the Creator and every part of the flesh which is made up of tiny cells received for the first time the acids and the alkalies which generate the electric power, our natural electricity.

When the change called death comes the soul or true body "which is the house of the spirit," walks out of the door of the natural body, casting it off as we do an old coat. Even that natural body does not die but being put into the earth disintegrates and each separate atom, borrowed from the earth returns to its own kind, the flesh to dust the bones to lime, nothing being wasted. Thus all fulfills the Law of Progression. —L. J. H.

## AIDS TO GOOD DRESSING

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These cunning little coats may be purchased thru this department. They are just as represented and splendid values. They will only appear once so save your paper.—Editor.



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A-111. Little boys' winter coats that will keep youngsters warm and comfy in the coldest weather. Made of all wool chincilla with belt and convertible collar. Double breasted and is well lined thruout. Colors are brown, gray and blue. Two good roomy lapel pockets and buttons of good design and well sewed on. Sizes: 1 to 6 years, priced at \$5.95.

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A-113. Little girl's winter coat made of all wool and fully lined with good quality sateen. Full fur convertible collar of Australian Opossum. Full flare effect with inverted pleat. Trimmed with silk stitching and neat black buttons. Two full pockets. Comes in brown, reindeer and blue. Sizes 2 to 6 years. Price \$13.95. — Courtesy of J. L. Hudson Co.



## FLOORS

**I**T OCCURRED to me a few general suggestions on floors and floor coverings and the care of hardwood floors would be useful to some of our readers. This week we will lay the foundation, next week give different methods of caring for hard and soft wood floors, with directions for making floor wax and oils for cleaning and polishing. The week following directions for laying linoleum which so few men from the stores seem to understand. Any questions on this subject will be gladly answered. Much information has been procured from a recently issued Farmer's Bulletin:

As a general rule, it is most satisfactory to make the floor—which in this sense includes rugs or any other coverings—neutral in color, inconspicuous in design, and darker than the surrounding walls. Nor is the reason for this hard to find. The floor is the foundation and in many cases part of the background of the room and its furnishings. Despite this fact, interest in the smoothness of a finish or the sheen of a particular rug sometimes leads to a choice of colors and designs that make the floor the most conspicuous part of the room and even give it an upside-down effect.

Color is to many persons the most interesting subject of all in choosing such furnishings as floor coverings. Talk of color schemes is heard at every turn, but not all realize how many-sided is this question of color and color harmony. Too often because blue or green or rose is her favorite color the housekeeper buys that kind of rug not stopping to think how wear will affect it, how it will look with the room as a whole, or whether the room is too dark or too light for such a color. For instance, the soft blue rug of Chinese design may show to perfection in the strong light of the shop window and may be a beautiful thing in itself, but whether the room is sunny enough, whether the floor is stained the right color and how it will harmonize with the furniture and hangings are questions the purchaser should ask herself before making her decision.

To put it briefly, then, the rug or covering should harmonize in color with the parts of the floor that show and both these in turn with the walls the furniture and the curtains. Of course, this does not mean that all these must be shades of one color, for such an arrangement would soon become monotonous, but simply that they should be colors that look well together and are so used that the floor is darkest, the walls lighter, and the ceiling lightest of all.

At the time the housekeeper is deciding on color and design she must also be gathering information about wearing quality and cost. A floor is made to be walked on, and no matter how attractive the finish or excellent the color and design of a material it can not be considered satisfactory if it does not wear well and is not easy to clean.

The finished floor with removable coverings has much to recommend it; it is easily cleaned, sanitary, and simplifies many problems in house furnishing. Leaving wooden floors both unfinished and uncovered is not considered satisfactory, except occasionally in kitchen or bathroom. Even in these cases finishing or covering the floor with some washable material would probably be economy, because it would be easier to clean.

In general, the hardwoods make the better floors than the softwoods. They wear more evenly, are less likely to sliver, take a more durable finish, and are more attractive in appearance. They are usually more expensive than softwoods, but this is somewhat offset by their good wearing qualities. Of the hardwoods, oak and maple are the most used, the birch, beech and others to a limited extent.

The so-called softwoods include the various kinds of conifers. Of these, long-leaf pine and Douglas fir or red spruce as it is sometimes called, are perhaps the most durable for floors.





**DEAR CHILDREN:** When I was about 20 years old I did all of the work that was done on the farm with the team of horses and at that time my father owned one of the horses and I owned the other one—it was the first horse that I had ever owned and you may be sure I was a very proud young man. Father's horse was middle-aged and full of life and when all was working smoothly she would always be several inches ahead of my horse, which was a 3-year-old colt. But this did not worry my horse as he was very good natured and he plodded along steadily and willingly. Sometimes he would make me out of patience because he did not keep up with Jenny, father's horse and I would speak sharply to him calling out his name, "Prince!" He would quicken his pace and keep up with Jenny for a rod or two but would soon drop back as it made Jenny mad to have any horse work even with her and she would nearly run if necessary to keep ahead. However, when the wagon was "stuck" or the plow ran under an old root it was always Prince that pulled the load or plow out if it required more than one pull to do it. I would get them even and then speak to them. Jenny would take a quick step and try to jerk the load out but Prince would brace himself and pull steadily until I said "Whoa!" And if it required more than one pull he was always willing and would pull for all he was worth but Jenny would not try after the first time and may times Prince pulled the load or plow out alone onto Jenny's heels.

I have seen many boys and girls that were like these horses in their own way. Some children will get along fine the most of the time with their lessons, in school, apparently without doing much studying and have high marks but as soon as the teacher gives them a lesson that they cannot get the first time they read it they become discouraged and say their lesson is too hard. And there are others that work hard on their lessons every day and only get average marks but when the hard lessons come they simply work a little harder and get that also. Who do you think is the smartest? These boys and girls are the same in their other work and play. If their mother wants them to fill the wood-box one of them will bring in an armful and then run off to play while the other will fill the box heaping full before turning to play. They will do the same when their father wants them to pump some water for the cows or cut the thistles in the corn. When they grow up to be men and women they remain the same and while one will shirk the hard tasks the other will tackle it and do it. It isn't the people that give up too easily when they come to a hard task or the solution of a difficult problem that make a success of life in this world.

Just heard from Doc Sawbones and he says the Doo Dads are all

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(Adv.)

anxious to get back to the girls and boys. Doc and I are becoming great friends and he recently told me—lean close and I'll whisper it in your ear—"I've got a great surprise for the girls and boys when I get back." I can not tell you more because I promised him I wouldn't. But you wait and watch.—UNCLE NED.

### OUR BOYS AND GIRLS

Dear Uncle Ned—I will be glad when the Doo Dads get back. I always look for them first. I am in the tenth grade at school. I go to the Plymouth high school. I have four brothers and two sisters. My oldest brother will graduate at school this year. Last Friday night we went to a box social. My brother got a married woman and I got a married man. We played a new game that night. It was a real exciting game. First you get some peanuts, any number just so they are even, and put an even number on each plate. I mean just two plates. We had 12 boys and girls so we had one plate for the girls with twelve peanuts on and twelve for the boys. Boys line up on one side of the room and girls on the other. The girl and boy get a peanut on a knife without using the other hand. They have to carry their peanut across the room to another plate. Then which one gets done first wins. The boys won first, then the girls, so we had two games. We had a real good time that night. A few weeks ago I saw in the paper they wrote some stories. Wish we could have a story page for us. I am reading the story in the paper. It is a very good story for. I have read Kazan and it is good so I knew this would be. Well, I will write a story now.—Ruth Wilkin, R 4, Plymouth, Mich.

### The Haunted House

In a wood not far from a small village was a haunted house. The house was always vacant for nobody would live there. One day some boys thought they would visit the house, so they took their equipments they needed and started off. They roamed around in the woods until about dark, then got their beds ready for night. They slept until about midnight, when they were awakened by a noise. It was not very loud, so they went to sleep again. They were awakened again by a loud noise upstairs and one below. It sounded as though someone was dragging chains. One boy was brave enough to ask the others to go and see. The boys went tip-toeing upstairs to see what it was. It was quite dark up there for they took no light, but the moon shown in the room so they could see a little. One boy softly opened up the door and what did they see? A parrot sitting on a chain, making a lot of noise. They took the parrot and put it in their bed room. Then they hear a noise downstairs. The boys went to see what it was. Outside they found neighbor Brown's goat which had run away from home. It must have come there to eat grass. The boys were not bothered the rest of the night, but slept soundly. The next morning they took the goat and parrot and started home. Soon they reached home. They told of their night's stay. Many people laughed at those who were afraid to sleep in the house. Now the house is occupied and no complaint is made.

Dear Uncle Ned—I would like to tell you about the Halloween party we had at our school. Last Friday we closed all the shutters on the windows of the school-house and made it dark inside. Then we lit candles in jack-o'-lanterns and sang some songs after which several of the children spoke pieces. A lady played a march on the piano and the ghosts and goblins, all dressed in white, came skipping in. They looked very funny. Later we had some candy and played games out-of-doors and guessed riddles. Some of the girls' and boys' mamas and several children from another school were there. It was most as much fun as Christmas. Do you believe in Santa Claus, Uncle Ned? He was at our school when we had a tree last Christmas and he is coming again this year. I am 6 years old. My daddy or mamma reads to me the children's page and the story of the little bear Neewa. Goodbye, Uncle Ned.—Arthur Sturgis, R 2, Onaway, Mich.

Dear Uncle Ned—May I join your merry circle? I am a girl of fifteen years. My father has taken the M. B. F. for several years and I like it fine. We have 22 head of cattle, 2 horses and a mule. We had a Halloween party and had a good time. I wish you boys and girls would write to me. What is it that goes up the hill and down the hill and always stands still? Ans.: Road.—Lillian Kulvinen, Lewiston, Michigan.

Dear Uncle Ned—I am 10 years old and in the 5th grade. We live on a 120-acre farm and have 5 horses, 9 cows and 7 pigs, also chickens. For pets I have 4 bantams, 2 kittens and some chickens. I have 2 brothers and 2 sisters. I would like to join your merry circle. I like to make resolutions.—Margaret Henry, R 1, Burt, Michigan.

Dear Uncle Ned—Here is a farmer's girl that would like to join your merry circle. I am 8 years old and in the 3rd grade at school. I just love school. I started the 29th of August. Here is a riddle: Up on a hill there is a green house and in this green house there is a white house and in this white house there is a red house and in this red house there are a whole lot of little negroes.

Ans.: Watermelon.—Christina M. Jenkins, Box 42, Meahwataka, Mich.

Dear Uncle Ned—I have been reading the M. B. F. for over a year and certainly enjoy reading your letters and the letters of the girls and boys. I am 8 years old and in the 5th grade. I like my teacher very well. For pets I have a dog named Sport and a cat named Dick.—Irene Palach, R 1, Tyre, Michigan.

Dear Uncle Ned—I think your merry circle is very interesting. I am 11 years old and am in the 7th grade at school. Our music teacher has thirty scholars. Like her quite well. I live on an 80-acre farm. For pets I have a cat and my oldest brother has about 75 rabbits and my youngest brother has a pet pigeon. He caught it down to grandpa's in the silo. There are 4 in our family, two boys and two girls.—Ethel Anderson, R 1, Rosebush, Michigan.

Dear Uncle Ned—I have been reading the Children's Hour for a long while and think it is fine. I think the Doo Dads are taking a long vacation. I hope they come back soon. I am a boy 13 years old and in the 7th grade at school. For pets I have two cats and a calf. I think that the answer to Ina Anderson's riddle is Mississippi. I will close with a riddle? When did Moses sleep five in a bed? Ans.: When he slept with his forefathers.—Rodney Howard, Bangor, Michigan.

Dear Uncle Ned—I live on a one hundred twenty acre farm. Papa owns another farm of forty acres. We have a sugar bush, where we make syrup every spring. My sister and I play the piano. We are in the second grade in music. Our music teacher has thirty scholars. I go to the Ellis school in Assyria township, fourteen miles north of Battle Creek. Our schoolhouse is painted white and trimmed with grey. I am in the seventh grade. My birthday was the 13th of October. I was eleven years old. I have light brown hair and dark brown eyes. We are going to have a Halloween party at our school Friday. I have two sisters and two brothers. Uncle Ned must be almost a twin to my grandpa. His birthday is the 29th of November.—With love to Uncle Ned—Sylvia Miller, R 2, Nashville, Michigan.

Dear Uncle Ned—Tonight is Halloween I wonder if there will be much damage done? One year my brother and his chums blockaded the road with rails. I am looking for my twin. I am in the 8th grade and am thirteen years old. My birthday is Dec. 22nd. I have blue eyes and my uncle tells me I have red hair but it is more brown than red. What is the matter with the Doo Dads? I enjoy the M. B. F. very much.—Myrtle Bearss, Owendale, Michigan.

Dear Uncle Ned—I am a girl ten years old and in the fifth grade. I live on a farm of 240 acres. My father has 12 calves, and 9 cows. Our school gave a Halloween program on Friday night. For pets I have a big dog named Bob and two little kittens which are very cunning. I have three brothers, two older and one younger than I. I would like to hear from some little girl near my age.—Margaret Chisholm, R 1, Custer, Michigan.

Dear Uncle Ned—I am a farmer girl. We live on a 206-acre farm. We have 35 chickens. I am a girl 12 years old and in the fourth grade. I have two miles to go to school. We have a great time at school. My father takes the M. B. F. and likes it very much. For pets I have 1 kitten, her name is Pussy. I have six sisters and eight brothers.—Deloris Manor, Augres, Michigan.

Dear Uncle Ned—I am a girl 13 years old and am in the seventh grade at school. I go to school every day. We take the M. B. F. and like it very much. There are 43 pupils in our room at school. I live on a forty-acre farm. We have 5 cows, 5 pigs, 3 horses, 50 chickens, 2 cats, 1 dog, 6 calves. I enjoy reading the children's letters which are very interesting. I think the answer to Ina Anderson's question is a potato. Her promise was whosoever guessed the riddle, would receive a letter from her. About four weeks ago Mr. Virgil Benedict, a subscription agent for the M. B. F. spent Sunday at our home and we enjoyed a visit with him as he told us some of the things pertaining to the World War in which he was a soldier who sailed across the "pond." I have an uncle who served in the late war and was shell-shocked and gassed at Juvigny.—Doris Clute, R 1, Tawas City, Michigan.

### OTHER LETTERS RECEIVED

Edna Hunt, 5, Traverse City; Arirla Micks, Traverse City; Maxine L. LaLonde, Pinconning; Sadie Watkoski, Traverse City; Ruth A. LaLonde, Pinconning.

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Do not fail to plant some of these wonderful lilies this fall. We can supply you with nice strong plants, and will guarantee them to reach you in good condition and grow and bloom satisfactorily. What better guarantee could you ask than that? We know they will please you. Now is the time to send in your order.

### HOW TO GET THEM:

We will send you six bulbs for fall planting, all charges prepaid as a reward for sending only two yearly subscriptions to the Michigan Business Farmer for one year at \$1.00 each. Your own renewal for one year may be included. The other subscription may be either a new or renewal. Both subscriptions must be sent at the same time with remittance of \$2.00. You can easily secure another order to send along with your own and will be well repaid for your effort in securing it.

THE MICHIGAN BUSINESS FARMER  
Mt. Clemens, Mich.





# BREEDERS' DIRECTORY



(SPECIAL ADVERTISING RATES under this heading to honest breeders of live stock and poultry will be sent on request. Better still, write out what you have to offer, let us put it in type, show you a proof and tell you what it will cost for 13, 26 or 52 times. You can change size of ad. or copy as often as you wish. Copy or changes must be received one week before date of issue. Breeders' Auction Sales advertised here at special low rates: ask for them. Write today!)

BREEDERS' DIRECTORY, THE MICHIGAN BUSINESS FARMER, Mt. Clemens, Michigan.

## CLAIM YOUR SALE DATE

To avoid conflicting dates we will without cost, list the date of any live stock sale in Michigan. If you are considering a sale advise us at once and we will claim the date for you. Address, Live Stock Editor, M. B. F., Mt. Clemens.

Nov. 16—Poland Chinas. Howley Bros., Merrill, Mich.  
Nov. 19—Holsteins. Southern Michigan Breeders' Ass'n, Fair Grounds, Jackson, Mich.  
Jan. 13—Horses—Mich. Horse Breeders' Ass'n, M. A. C., East Lansing, Mich.  
Feb. 2—Hampshire Swine, Lenawee County Hampshire Swine Breeders' Ass'n, Adrian, Mich.

## LIVE STOCK AUCTIONEERS

Andy Adams, Litchfield, Mich.  
Ed. Bowers, South Whitley, Ind.  
Porter Colestock, Eaton Rapids, Mich.  
John Hoffman, Hudson, Mich.  
John P. Hutton, Lansing, Mich.  
August Miller, St. Johns, Mich.  
L. W. Lovewell, So. Lyons, Mich.  
D. L. Perry, Columbus, Ohio.  
J. I. Post, Hillsdale, Mich.  
O. A. Rasmussen, Greenville, Mich.  
J. E. Ruppert, Perry, Mich.  
Guy C. Rutherford, Decatur, Mich.  
Harry Robinson, Plymouth, Mich.  
Wm. Waffle, Coldwater, Mich.

## CATTLE

### HOLSTEIN-FRIESIAN

#### SHOW BULL

Sired by a Pontiac Aaggie Korndyke-Hengerveld DeKol bull from a nearly 19 lb. show cow. First prize junior calf, Jackson Fair, 1920. Light in color and good individual. Seven months old. Price \$125 to make room. Hurry!  
Herd under Federal Supervision.

#### BOARDMAN FARMS

JACKSON, MICH.  
Holstein Breeders Since 1906

I AM OFFERING LIGHT COLORED HOLSTEIN-FRIESIAN bull 1 year old from 21.51 lb. dam and sire whose six nearest dams are 33.34 lbs. butter. Herd under state and federal supervision.  
Oscar Wallin, Wiscogin Farm, Unionville, Mich.

#### TUEBOR STOCK FARM

Breeders of Registered Holstein cattle and Berkshire Hogs.

Everything guaranteed, write me your wants or come and see them.

ROY F. FICKIES  
Chesaning, Mich.

\$50

BIG, MUSKY, HEALTHY, HOLSTEIN BULLS from Traverse State Hospital stock. Registered and ready for service.  
GEO. W. PUFFER, So. Boardman, Mich.

SOME GOOD YOUNG REGISTERED HOLSTEIN cows. Fair size, good color, bred to good bulls and due from July to December. Mostly from A. R. O. stock, prices reasonable and every one guaranteed to be exactly as represented.

M. J. ROCHE  
Pinckney, Mich.

#### SOLD AGAIN

Bull calf last advertised sold but have 2 more that are mostly white. They are nice straight fellows, sired by a son of King Oona. One is from a 17 lb. 2 yr. old dam and the other is from a 20 lb. Jr. 3 yr. old dam, she is by a son of Friend Hengerveld De Kol Butter Boy, one of the great bulls.

JAMES HOPSON JR., Owosso, Mich., R 2.

FOR SALE—TWO BULL CALVES, A HOLSTEIN and Durham about 3 months old. Both have heavy milking dams. Not registered. \$50 each if taken at once.

CHASE STOCK FARM, Marlette, Mich.

#### Fairlawn Herd—Holsteins

Hire Sir, Emblaggard Lilith Champion 108073 His sire's dam Colantha 4th's Johanna, world's first 85 lb. cow, and world's first 1,200 lb. cow. The only cow that ever held all world's butter records from one day to one year, and the world's yearly milk record at the same time. His dam Lilith Piebe De Kol No. 93710, over 1,150 lbs. of butter from 20,599.4 pounds of milk in a year. World's 2nd highest milk record when made and Michigan state record for 6 years. Only one Michigan cow with higher milk record today. His two nearest dams average:

Butter, one year ..... 1,199.22  
Milk ..... 28,515.8  
Champ's sons from choice A. R. O. dams will add prestige to your herd and money to your purse.

J. F. RIEMAN

Owner  
Flint, Mich.

#### NICE YOUNG BULL

sired by 35 lb. son of King of the Pontiacs. Dam over 20 lbs. First check \$100 gets him. Also a few heifers by same sire.

#### BRANDONHILL FARM

Ortonville, Michigan

JOHN P. HEHL

1205 Griswold St., Detroit, Michigan

#### A BLUE RIBBON WINNER YOUNG BULL

on the 1921 Show Circuit. For sale at a low price. Out of an A. R. O. granddaughter of Pontiac Korndyke.

Sired by our SENIOR SHOW BULL Model King Segis Glista 32.37 lbs.

#### GRAND RIVER STOCK FARMS

COREY J. SPENCER, Owner

111 E. Main Street, Jackson, Mich.

Herd under State and Federal Supervision.

#### 7 YEARLING BULL BARGAINS

Sired by Segis Korndyke De Nijlander, a 32 lb. son of a twice Michigan ribbon winner her dam, 29 1-2 lbs. Dams are daughters of King Segis Pontiac, a 37 lb. son of King Segis. Records 16 lbs. to 30 lbs. Priced at half value. \$100 up. Federally tested June 10. Write for list.

ALBERT G. WADE, White Pigeon, Mich.

HOLSTEIN FRIESIAN PURE-BRED BULL calves, also good grade heifers; tuberculin tested herd. Prices are right.

LARRO RESEARCH FARM, Box A North End, Detroit, Michigan.

BULL CALF, BORN APRIL 20, 1921, WELL grown, well marked, very straight, and sure to please you. Sire Segis Flint Hengerveld Lad whose two nearest tested dams average 31.93. The dam is a 21 lb. three year old grand daughter of King Segis, she has a 30 lb. daughter. Price \$125.00 f. o. b. Flint. Write for extended pedigree.

L. C. KETZLER, Flint, Michigan.

## Two Holstein Bull Calves

Nearly ready for service.

A. R. O. dams. Sire one of Michigan's best bulls.

Dam of No. 1 has 512 lbs milk, 23.5 lbs. butter in 7 days at 4 yrs. Dam of No. 2 has 507 lbs. milk, 25 lbs. butter at 5 years.

They are both extra good, well marked and guaranteed right in every way. \$100 each. I cannot buy their equal for twice that amount.

A postal will bring particulars.

W. J. Gamble

606 Taylor Ave., Detroit, Mich.

WOLVERINE STOCK FARM REPORTS GOOD sales from their herd. We are well pleased with the calves from our Junior Herd Sire "King Pontiac" under Korndyke Segis" who is a son of "King of the Pontiacs" from a daughter of Pontiac Calhoun De Kol 2nd. A few bull calves for sale. T. W. Sorensen, R. 2, Battle Creek, Mich.

## TWO PURE BRED HOLSTEIN BULLS

whose sire and dams represents a combination of the best Holstein blood. 6 and 8 months. Write for further description. Price very reasonable.

J. E. LANCAUX

Fremont, Mich., R. F. D. 3

## REGISTERED HOLSTEIN BULLS

Sired by a son of King Oona and from good producing cows. Write for photos and prices.

EARL PETERS, North Bradley, Mich.

## SHORTHORN

GLADWIN COUNTY PURE BRED LIVESTOCK ASSOCIATION. Hereford, Shorthorn, Jersey and Holstein cattle; Duroc-Jersey, Poland China and Hampshire hogs; Oxford, Shropshire and Hampshire sheep.

A place to buy good breeding stock at reasonable prices.

FRED B. SWINEHART, President, Gladwin, Mich.

C. E. ATWATER, Secretary

## SHORTHORNS

We are now offering two splendid bulls, ten months old, the kind that is hard to find, out of our great breeding bull Perfection Heir; also a few heifers, some of them well along in calf. Will be priced worth the money. Write your wants or better come and pick them out. Will guarantee breeders.

#### S. H. PANGBORN & SON

3 Miles East. Bad Axe, Mich.

FOR SALE—REGISTERED SHORTHORNS and Duroc Jersey spring pigs, either sex; two red bulls, one 11 months and one 5 months old. Several heifers from 6 months to 2 years old. Scotch Top and Bates bred. Address: GEORGE W. ARNOLD or JARED ARNOLD, Williamsburg, R. 1, Michigan

## SHORTHORNS COWS, HEIFERS, BULLS

offered at attractive prices before January first. Will trade for good land.

Wm. J. BELL, Rose City, Mich.

THE VAN BUREN CO. SHORTHORN BREEDERS' Association have stock for sale, both milk and beef breeding.

Write the secretary, FRANK BAILEY, Hartford, Mich.

3 EXTRA GOOD BULL CALVES FOR SALE. From the Maple Ridge herd of Bates Shorthorns. Calved in September 1920.

J. E. TANSWELL, Mason, Michigan.

SHORTHORN CATTLE AND OXFORD DOWN sheep Both sex for sale.

J. A. DeGARMO, Marlette, Mich.

INHERITED SHORTHORN QUALITY Our pedigrees show a judicious mixture of the best blood lines known to the breed. Write to JOHN LESSITER'S SONS, Clarkston, Mich.

## FOR POLLED SHORTHORNS

Shropshire, Southdown and Cheviot rams write to L. C. KELLY & SON, Plymouth, Mich.

CENTRAL MICHIGAN SHORTHORN BREEDERS' Association offer for sale 75 head; all ages, both milk and beef breeding. Send for new list.

M. E. MILLER, Sec'y, Greenville, Mich.

## MILKING STRAIN SHORTHORNS

Registered stock of all ages and both sex. Herd headed by the imported bull, Kelmascott Viscount 25th, 648.563. Prices reasonable.

LUNDY BROS., R. 4, Davison, Mich.

MILKING SHORTHORNS Bulls old enough for service, tuberculin tested and at bargain prices.

W. S. HUBER, Gladwin, Mich.

## RICHLAND SHORTHORNS

Herd bulls for quick sale. Fair Acres Goods and Collingie Cullen 5th. Both roan five year olds and tried sires.

Best of blood lines and show prospects.

Both quiet to handle.

A real bargain.

Write for particulars.

## C. H. Prescott & Sons

Tawas City, Michigan

BUY SHORTHORNS NOW, 4TH ANNUAL herd test without a reactor. Some bargains in bulls.

JOHN SCHMIDT & SON, Reed City, Mich.

## MACK'S NOTES

### The Auction at Francisco Farm

On Friday afternoon, October 28, the third number in the Central Michigan Poland China sale circuit was pulled off by the Pope Brothers on their wonderful Francisco Farm just out of Mt. Pleasant. As in the other offerings of the circuit the hogs were sold by Col. William Waffles, of Coldwater and Col. John Hoffman, of Hudson, assisted by S. C. Forney of Mt. Pleasant and E. R. Leonard of St. Louis. It was universally conceded by all of those present at this sale, who have been in the habit of attending auction sales of pure-bred hogs that this was one of the best offerings ever made in the state and it is greatly to be regretted that the prices for which these fine animals sold were so far below their intrinsic value. While the Pope Brothers are past masters in the art of hog breeding they also specialize in the production of Shorthorn cattle that have not yet lost the ability to produce a liberal amount of milk; to those who visited the sale on Friday the herd of cattle referred to was one of the chief attractions.

In the hog exhibit, the boars named for reference were Black Jumbo Lad, Michigan Mastodon, 424007 and Michigan Clansman, 451233. The following is a list of breeders who purchased hogs at the Pope sale: E. A. Clark, St. Louis; Brewbaker Bros., Elsie; John Klumpp, T. A. McCarty, G. R. Wheeler, J. T. Witte, Bert Philo and Paul Messholder, all of Mt. Pleasant; E. R. Leonard, St. Louis; Eldon McLachlin, Elvart; Carl Moss-holder, Rosebush; E. B. Salsbury, Shepherd; Carl DeWitt, Wheeler; Charles Wetzel and Sons, Ithaca; Floyd Street, Ithaca; William Martin, Weidman; Albert Feldkamp and Amos Curtis of Manchester. The average of the females in this sale as a few cents less than \$30. The highest price paid was \$80.

### The Brewbaker Auction

An auction sale of pure-bred large type Poland China hogs was held by Brewbaker & Sons, Elsie, Mich., on Thursday, Nov. 3, on their farm located between St. Johns and Elsie. The offering was composed of tried sows, fall gilts, spring boars and spring gilts. Admirers of large type hogs had here the opportunity to inspect some of the best specimens of the breed that can be found in the state of Michigan. Two animals on exhibition for reference only, a boar and a sow, weighed more than 900 pounds and many of the animals offered in the sale were their descendants. The auctioneer was Col. Harry A. Eckhardt, Dallas City, Ill., assisted by Howard Ridenour, St. Johns. The clerk of the sale was Edgar Burk, St. Johns. The highest priced hog of the sale, a spring boar of exceptionally good breeding, was purchased by Archie Ward of Breckenridge of \$100. The sale average was about \$44.

Besides the gentlemen mentioned above, the following breeders purchased hogs at the Brewbaker sale: Arthur Gregory, Ionia; Harold Businger, Middleton; Doris Hover, Akron; W. McDonald, Allen Simons, C. P. Brown, William Peters, N. D. Thomas, Frank Suttiff, C. M. Conklin and Herbert Peters all of Elsie; Edward Burg and W. W. Hodge of St. Johns; H. J. Warren, Breckenridge; Armstrong Bros., Fowlerville; John Hoffman, Hudson; Harold Leonard, Alma; Frank Stewart, Ovid and E. A. Clark of St. Louis. At the close of the sale the firm announced another sale for next fall.

### The Hile Sale of Poland Chinas

An auction sale of large type Poland China hogs was held on Wednesday, Nov. 2nd, on the farm of Lester Hile, located between Lake Odessa and Ionia; this was a select offering of 47 young animals, all cholera immuned and in fine breeding condition. The most impressive exhibit made in connection with this sale was the herd boar Emancipator 2nd, an animal of outstanding merit and very generally conceded to be one of the best sires of the breed; many of the best animals in the offering were sired by this boar. Mr. Hile also has in his breeding herd some of the best brood sows that the writer has ever seen. Three breeders consigned hogs to the sale: George Aldrich who joins farms with Mr. Hile and L. B. Stokes, Greenville. All of the animals consigned to this sale had equal merit with the Hile offerings. The breeders who purchased hogs were as follows: T. E. Barge, Charlotte; Harry Wardlow, Montrose, Iowa; G. W. Alexander, Alto; Ralph Sherk, Caledonia; Schaffer Bros., Ionia; W. G. Noll, Carson City; A. J. Tobey, Marshall; Clyde Fisher, St. Louis; C. W. Carter, Lake Odessa; Russell J. Cook, Howell; Jacob Gless, Alto; L. S. Phelps, Greenville; E. A. Clark, St. Louis; W. J. Wood, Birmingham; A. T. Krum, Lowell; Albert Towse, Charlotte; Brewbaker Bros., Elsie; Charles Gates, Ionia; Arza Sherwood, Ionia; George Aldrich, Ionia; Wellington Smith, Ionia; Richard McCracken, Carson City; P. P. Pope, Mt. Pleasant and Frank Marvin, Elsie. The highest price, \$130, was paid by W. J. Wood, Birmingham for a tried sow from the Stokes offering. The sale average was \$44.52.

### The Lay Auction Sale

An auction sale of large type Poland China hogs was held Tuesday, November 1, at Hillcrest Farm owned by F. B. Lay, Kalamazoo. The farm is located two miles beyond Hopkins, between Grand Rapids and Allegan. The offering consisted of 50 head of hogs including tried sows, fall yearlings, spring gilts, spring boars and fall pigs. The auctioneer was Harry A. Eckhardt of Dallas City, Ill. The highest priced animal was a yearling sow which was purchased by Jerry Schotenboer, Holland, Mich., for \$85. The highest priced gilt in the sale went to Wallace Ruehle, Allegan, on a bid of \$50.

## The Southern Michigan Breeders Sale

AT THE FAIR GROUNDS, JACKSON, MICH.

Friday, Nov. 18, 1921, at 12:00 o'clock

50 head of Registered and A.R.O. HOLSTEIN CATTLE

This sales includes a carefully selected lot of cattle from some of the best breeders and they are selling them with all possible guarantees, such as 60-90 day retest, guaranteed breeders, and besides this they are giving a year's time to responsible parties.

The females include twenty nine pound cows, 25 lb. cow, a 25 lb. three year old, a 22 lb. 3 yr. old daughter of a 28 lb. cow and many others with good records and bred to good bulls. They are the money-making kind all through.

The bulls are all fit to go out and head good herds. There are two with 30 and 31 lb. dams, one with a 25 lb. three year old dam and all with the best of sires such as sons of 38 lb. cows.

Be sure to attend this sale.

Col. D. L. Perry, Auctioneer

Albert E. Jenkins, in the Box

For Catalog Address

The Michigan Holstein-Friesian Ass'n, Sale Mgrs.

Old State Block, Lansing, Mich.



Besides those just mentioned the following breeders bought hogs at the Lay sale: H. Berens, Zeeland; Ed Gunmanan, Will Sutton and H. C. Verbeck of Hamilton; William Leighton, H. Burch, Martin Afman, Ed. Wheatly, Joel Cram, Dan Early, R. D. Brown, John Redmond, and Fred Webber of Hopkins; A. G. Hadden, Charles Ryder, Fred Weick, and Ed. Weaver of Allegan; O. F. Burger and E. A. Fowler of South Haven; F. Neise, Bradley and C. J. Brown, Kalamazoo.

Hillcrest Farm is one of the wonders of Western Michigan with its 560 acres of splendid farming land and the outstanding building and other necessary equipment. Mr. Lay also specializes in pure-bred Holstein cattle.

Not so long ago, E. R. Leonard, of St. Louis was known as the Boy Wonder in connection with the breeding of Large Type Poland Chinas in Michigan; when the writer was looking over the splendid band of brood sows and boars on the Leonard farm, last Thursday, he came to the conclusion, that while Mr. Leonard was no longer a boy he is still a wonder in his ability to select and mate domestic animals so as to bring about desired results. The Leonard herd made a wonderful record at the Michigan fairs in 1921; at the Michigan State Fair in 1918 the herd won the following prizes: First on aged boar, junior yearling boar, aged sow, senior yearling sow, junior yearling sow, under six months sow, exhibitor's herd and breeders herd. The herd also furnished the grand champion boar and the grand champion sow, the senior champion boar, the senior champion sow, the junior champion sow, the second on get of sire and produce of dam.

Emancipator 2nd, the senior yearling boar at the head of Wesley Nile's Poland China herd, is universally conceded to be one of the best boars the breed has ever produced; weighing 700 pounds at 18 months old, he is almost perfect in conformation, with bone enough to carry a thousand pounds, as light as a feather. Descended as he is from the great Emancipator, Liberator and Giant Buster he represents a line of breeding that is much sought after these days.

The Poland China hogs recently sold from the Hillcrest offering of F. B. Lay and the Den Bleyker Bros., were of a very desirable type; the females had that matronly appearance that always develops in a successful hog mother and the males had the strong masculine character that bespeaks a prolific sire. Mr. Lay and the ambitious young men, who are conducting his farm for him, are surely building up a wonderful large type hog.

The Brewbaker's; father, mother, sons and son's wives are all intensely interested in the production of good hogs and a visit to the farm will convince anyone that they are making an outstanding success of their breeding venture. The great herd boar, Gertsdale Timm, crossed with Extra Long Jumbo, a 900-pound sow, has produced a large number of animals that have not only helped greatly in the making of recent Poland China history but they are also making the name Brewbaker, justly famous in connection with the production of improved live stock.

The work of Col. Harry A. Eckhardt, in last week's Poland China sales, was strictly "up to the minute" in the line of effective salesmanship; this fact, good-natured son of Illinois does nothing but sell hogs from the time the sale opens until the last bid is made. The man who can get more money for an offering of young hogs than Harry Eckhardt, is certainly an adept at coaxing.

W. I. Wood of Birmingham, Mich., aspires to the ownership of one of the leading Poland China herds of the state and the two splendid sows, that he bought at the Hile sale, will make good foundation timber for the undertaking; these sows will be bred to Emancipator, a fact that makes it certain that they will be heard from in the show rings of the future. Billy Wood will never be fully satisfied until he owns a show herd of young hogs that will go down the line and "clean up."

Large death losses of young hogs from cholera are showing up nearly every day, of late. The State House of Correction, at Ionia, is reported to have lost 100 head many of them well finished animals, ready for the butcher. The Polish academy at Orchard Lake, buried 54 the other day and a few more are said to be on the "waiting list." With corn so plentiful and young hogs so scarce as they are now it is indeed a great pity that so large a number of young feeding prospects should be sacrificed when a small investment, at the right time, would prevent the loss.

#### NOMADS OF THE NORTH

(Continued from page 5)

nest. Many times in his young life he had seen Noozak, his mother, go up to nests like that, tear them down, crush them under her big paw, and then invite him to the feast of dead wasps within. For at least a month wasps had been included in his daily fare, and they were as good as anything he knew of. He approached the nest; Miki followed. When they were within three feet of it Miki began to take notice of a very distinct and peculiarly disquieting buzzing sound. Neewa was not at all alarmed; judging the distance of the nest from the ground, he rose on his hind feet, raised his arms, and gave it a fatal tug.

Instantly the drone which Miki had heard changed into the angry buzzing of a saw. Quick as a flash Neewa's mother would have had the nest under her paws and the life crushed out of it, while Neewa's tug had only served partly to dislodge the home of Ahmoo and dangerous tribe. And it happened that Ahmoo was at home with three quarters of his warriors. Before Neewa could give the nest a second tug they were piling out of it in a cloud and suddenly a wild yell of agony rose out of Miki. Ahmoo himself had landed on the end of the dog's nose. Neewa made no sound, but stood for a moment swiping at his face with both paws, while Miki, still yelling, ran the end of his crucified nose in the ground. In another moment every fighter in Ahmoo's army was busy. Suddenly setting up a bawling on his account Neewa turned tail to the nest and ran. Miki was not a hair behind him. In every square inch of his tender hide he felt the red-hot thrust of a needle. It was Neewa that made the most noise. His voice was one continuous bawl, and to this bass Miki's soprano wailing added the touch which would have convinced any passing Indian that the loup-garou devils were having a dance.

(Continued next week)

#### MICHIGAN WILL MAKE BID FOR NATION'S DAIRY SHOW

(Continued from page 1)

He visited the National Dairy Show this year in St. Paul, and was so impressed with its magnitude and importance that he came home resolved to help bring the show to Michigan next year if possible. In explaining the value the show would be to Detroit and Michigan, Mr. Webster said that it is the marker set every year to illustrate to the nation the progress that it has made in the dairy industry and others based upon it. He said it would do much to improve dairying standards in Michigan inasmuch as visitors have the best possible opportunity to study the needs and possibilities of the industry and ways to improve types of cattle, methods of production and marketing.

The management of the national show will not decide on the place for the 1922 exposition until some time in January. It is hoped that Michigan dairymen and organizations, with the aid of the dairy interest of adjoining states will be able to bring together such an array of arguments in favor of the Michigan location as to thoroughly convince the management that it should come here.

#### PICRIC ACID CLEARS 30,000 MICHIGAN ACRES

THIRTY thousand acres of cleared land will be added to Michigan's total as a result of land clearing operations being carried on this fall with picric acid, according to estimates of land clearing specialists at the Michigan Agricultural College. In addition, it is said that farmers of the state have saved \$65,000 in the purchase of the war salvaged explosive. Twenty-seven carloads were placed in the state, thirteen in the upper peninsula and fourteen in the northern counties of the lower peninsula.

#### SHORTHORNS

AND HONEST MILCH COWS AT AUCTION

WEDNESDAY, NOVEMBER 16th, 1921 (12 o'clock M.—Eastern Standard Time)

At Robert W. Baker farms on River Road (Trunk Line 27) between Marine City and St. Clair, (St. Clair Co.) D. U. R. (Rapid Ry) River Road Stop

**BULLS**—Belles Monarch 901,373 (Red, 20 mo. old)  
Prince of Riverview 1,104,818 (Red 10 mo. old)

**HEIFERS**—Monarch's Belle 751,852 (Red 3 yrs. old)  
Bess 766,044 (Roan 3 yrs. old)  
White Princess 697,471 (White 3 yrs. old)

American Shorthorn herd book certified pedigrees with each arrival. Scotch topped Young Mary, Young Rhys, Galathea and Victoria families. Carrying the blood close up, of such record breaking champions as Harding's Whiteball Sultan, Carpenter and Ross' Avondale, Forbes Cock Robin. There is no better

12 really good milk cows and heifers—grade shorthorn or holstein—Also heifer and steer calves—a good registered Berkshire boar, brood sows and their spring and fall pigs.

**ALL STOCK OF THE RIGHT SORT. COME AND GET REAL MERIT, MONEY MAKING BARAINS**

ROBT. W. BAKER, R1, Marine City, Mich.

#### TWO REAL SHORTHORN HERD BULLS FOR SALE

15 mo. old and sired by Imp. Dainty Prince. W. W. KNAPP, Howell, Mich.

#### GUERNSEYS

**FOR SALE GUERNSEY BULLS, SERVICE-**able age, and calves. Dams now on test making splendid A. R. records. I have what you want in type breeding and production. Have never had abortion nor tuberculosis. Herd federally accredited. Prices \$100 up. Write for particulars.

A. M. SMITH, Lake City, Mich.

**GUERNSEY BULLS FOR SALE**—1 two-year old; 1 yearling; 1 five months old; 1 three months old, all the May Rose strain, advanced registry. Write G. T. BRYCE, Romeo, Mich.

**REGISTERED GUERNSEYS 2 CHOICE** HEIFER calves \$250. A choice bull calf very cheap. J. M. WILLIAMS, No. Adams, Mich.

**GUERNSEY BULL CALF 7 MONTHS** OLD SIRE, Langwater Prince Charmante, A. R. 4 A. R. daughters average 416 lbs. fat 2 1-2 yrs. Dam: Lawton's Lady Lu, A. R. 416 lb. fat class A. A. (farmers class) 1 A. R. daughter, 409 lbs. fat D. D. Write MORGAN BROS., Allegan, R. 1, Michigan

#### GUERNSEYS

**OF MAY ROSE AND GLENWOOD BREEDING.** No abortion, clean federal inspected. Their sires dam made 19,460.20 milk, 909.05 fat. Their mother's sire's dam made 15,109.10 milk 778.80 fat. Can spare 3 cows, 2 heifers and a beautiful lot of young bulls.

T. V. HICKS, R. 1, Battle Creek, Mich.

**FOR SALE, GUERNSEY BULL, 1 YEAR OLD.**

Write for particulars to ECHO LODGE FARM R. F. D. 2, Watervliet, Mich.

**REGISTERED GUERNSEY HEIFER CALVES** for \$125 each delivered. Bull calves for \$50. Sires 5, nearest dams average 725 lbs. fat. PINE HILL FARM, R3, Howard City, Mich.

#### JERSEYS

#### WORLD'S RECORD MADE BY JERSEY

A new world's record for all breeds for cows under two years of age has just been made by the Jersey heifer St. Mawes Lad's Lady No. 451568, owned in Oregon. She began her test 1 year, 11 mos., 28 days of age and produced in one year 11,756 lbs. of milk, 829.09 lbs. of butterfat, 975.29 lbs. of 85 per cent butter. This is the second time the world's record for all breeds for a heifer under two years of age has been made by a Jersey in Oregon.

Jerseys are winners. Jerseys are ideal dairy cows. A pure bred Jersey bull is a money making investment. Think! Act!

Write SEC'Y HENDRICKSON Shelby, Mich.

for free literature.

**JERSEY BULL CALVES.** Show type. From producers. \$50 and up according to age. MILO H. EDISON & SON, R2, Grand Rapids, Mich.

**ONE OF OUR MAJESTY BULLS WOULD IM-**prove your herd. FRANK P. NORMINGTON, Ionia, Mich.

**REG JERSEYS HEIFERS 1 YR. OLD**—Young cows in milk sired by Majesty's Oxford Shylcock 156,692 also young bulls sired by Frolic's Master Pogos 177683, a grandson of Pogos 99th and Sophie 19th's Tormentor, two great bulls of the breed. Write for prices and pedigrees. GUY C. WILBUR, R. 1, Belding, Mich.

**JERSEY BULLS AND BULL CALVES** sired by a son of Sophie 19th Tormentor. J. E. MORRIS & SON, Farmington, Mich.

**IF THE BULL IS HALF THE HERD, HOW** much would a son of Pogos 99th's Duke 8th, who has 60 per cent blood of Sophie 19th, be worth to your herd?

Let me send you pedigrees and prices on bull calves from this bull and Sophie Tormentor cow. FRED HAYWARD, Scotts, Mich.

#### HEREFORDS

#### HEREFORDS & DUROCS

Yearling bulls and bull calves, Beau Donald breeding. Also Duroc boars and gilts. J. C. THOMSON & SON, Parma, Mich.

**REGISTERED HEREFORD CATTLE — KING** R REPEATER 713941, and Beau Perfection 327899 head our herd. Bulls are sold; have some very fine heifers for sale, bred or opened, bred to our herd bulls. Come and see them; they will please you. Tony B. Fox, Prop., Henry Gehrholtz, Herdsman, MARION STOCK FARM, Marion, Michigan

**LAKEWOOD HEREFORDS** Young bulls sold, offering 4 year old Herd Header, a show bull, possessing size, quality and bluest blood. Cannot use longer. E. J. TAYLOR, Fremont, Mich.

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**DODDIE FARMS ANGUS** of both sex for sale. Herd headed by Bardell 31910, 1920 International Jr. Champion. Dr. G. R. Martin & Son, North Street, Mich.

**FOR SALE TWO REGISTERED ABERDEEN-ANGUS BULLS**, one six months old and the other 3 years. They are from the best herds in the country. Address GEORGE D. STUCK, Osego, Mich.

**REGISTERED ABERDEEN-ANGUS-BULLS,** Heifers and cows for sale. Priced to move. Inspection invited. RUSSELL BROS., Merrill, Michigan

The Home of

#### Imp. Edgar of Dalmeny Probably The Worlds' Greatest BREEDING BULL

Blue Bull, Supreme Champion at the Smithfield Show, 1919, and the Birmingham Show, 1920, is a daughter of Edgar of Dalmeny.

The Junior Champion Bull, Junior Champion Female, Champion Calf Herd and First Prize Junior Heifer Calf, Michigan State Fair, 1920, were also the get of Edgar of Dalmeny.

A very choice lot of young bulls—sired by Edgar of Dalmeny are, at this time, offered for sale.

Send for Illustrated Catalogue.

**WILDWOOD FARMS** Orion, Mich.

W. E. Scripps, Prop., Sidney Smith, Supt.

**BARTLETT'S PURE BRED ABERDEEN-ANGUS CATTLE AND O.I.C.** Swine are right and are priced right. Correspondence solicited and inspection invited. CARL BARTLETT, Lawton, Mich.

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Sired by Black Rosegay, third at Mich. State Fair and grand champion at Bay City, 1921. Young stock for sale.

**ANGUS HOME FARM** Davison, Mich.

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**FOR SALE—REGISTERED AYRSHIRE** bulls and bull calves, heifers and heifer calves. Also some choice cows. FINDLAY BROS., R. 5, Vassar, Mich.

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#### 25 RED POLLED CATTLE

Registered. All ages. E. S. CARR, Homer, Mich.

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**FOR SALE FIVE REGISTERED BROWN** Swiss cows and one yearling bull, priced right.

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**FOR SALE REGISTERED BROWN SWISS** Yearling Bull of famous breeding. Great grand-dam World's Champion; grand dam 14,647.2 milk, 616.45 fat; dam 12,132 milk, 588.8 fat at four years (Cow Testing Ass'n.)

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**REGISTERED GALLOWAYS.** The beef, cream and robe breed. Stock of all ages for sale. JAMES FRANTZ & SONS, Bluffton, Ohio

#### SWINE

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—FOR SALE, LARGE TYPE—

**POLAND CHINA** boar pigs. Sired by F's Clansman 391211, Michigan's 1920 Gr. Champion boar, and by Smooth Buster 395823, Michigan's 1920 1st Jr. Yearling Boar. Immune by double treatment. Priced to sell. Write or see them. Free literature to visitors. A. A. FELDKAMP, Manchester, R. R. No. 2, Mich.

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Big Type Poland Chinas. I have a few more of those big boned, high backed, smooth sided boars left. The kind that makes good at one-half their value. Come or write and let me tell you what I will do.

A. D. GREGORY, Ionia, Michigan.

#### L. T. P. C. \$15-\$20-\$25

We are offering our 1921 fall crop of pigs at the above prices. They are sired by Hart's Black Price and Right Kind Clan.

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**LEONARD'S BIG TYPE P. C. BOAR PIGS** L at weaning time, from Mich. Champion herd \$25 with pedigree. Satisfaction guaranteed. Call or write E. R. LEONARD, R. 3, St. Louis, Mich.

#### BIG BOB MASTODON

Is sired by Caldwell Big Bob, champion of the world. His dam's sire is A's Mastodon, grand champion at Iowa State Fair, same breeding. Peter A Pan is my new boar sired by Peter Pan, he by Peter the Great, Glover & Frank D. Winn herd, Kansas City, Mo. Some choice boars left sired by Big Bob. Priced low and guaranteed. 80 choice fall pigs, either sex. C. E. GARNANT, Eaton Rapids, Mich.

#### BIG TYPE POLAND CHINAS

Bred gilts all sold. April farrowed boars and gilts now ready. The kind that suits at farmers' prices. Satisfaction guaranteed, if not tell me, if so tell another.

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**BIG TYPE POLANDS**—Spring Pigs, both sexes, good and growthy. Best of blood lines represented. Write or call W. Caldwell & Son, Springport, Mich.

**BIG TYPE P. C. SPRING PIGS EITHER SEX** from large growthy dams and sired by choice herd boars. Come and see our stock, prices reasonable.

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**L. S. P. C. BOARS AT FARMERS' PRICES.** H. O. SWARTZ, Schoolcraft, Mich.



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Size—Quality—Popular Breeding. THAT'S US.  
A square deal—satisfaction. THAT'S YOURS.  
Public Sale—50 Head—Oct. 28, 1921

POPE BROS. CO.  
Mt. Pleasant, Mich.

**BIG TYPE POLAND CHINAS.** Fall pigs for sale sired by the 1200 lb. boar Monster Big Bob 327,623 and of Clansman, Giant Buster and Yankee breeding. Ready to ship now. All hogs double treated. Priced right for quick sale. Write or come and see them.  
CHAS. WETZEL & SONS, Ithaca, Mich.

**BOARS AT HALF PRICE** BIG TYPE Poland Chinas bred in the purple, sired by Mich. Buster, A. Giant and Butler's Big Bob. No better breeding. A big rugged, big-boned boar ready for service, registered, for \$25.00—\$30.00.  
JNO C. BUTLER, Portland, Mich.

**TYPE P. C. TWO SPRING BOARS, ONE SOW** \$25.00 each. Registered if sold this month.  
PLEASANT HILL FARM  
Ewart, Mich., Route 3, Box 89.

**HIGH CLASS POLAND CHINAS**  
Anything you want. Choice spring gilts and boars. Auction Sale Nov. 16.  
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**LARGE TYPE POLAND CHINAS**  
For sale, boars and gilts sired by B's Clansman, grand champion at 1921 Mich. State Fair, and by F's Clansman 1920 grand champion. Prices reasonable. Visitors welcome. Free delivery from Parma. Correspondence cheerfully answered.  
N. F. BORNOR, R 1, Parma, Mich.

I am offering Large Type Poland China Sows, bred to F's Orange at reasonable prices. Also fall pigs. Write or call.  
CLYDE FISHER, R 3, St. Louis, Mich.

## SPOTTED POLAND CHINAS

**Large Type Spotted Poland Chinas**  
Some spring pigs at right prices. Sired by Pride of Mecosta. Satisfaction guaranteed. All papers with pigs. Phone or write.  
J. B. FULLER, R 2, Reed City, Mich.

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**DUROC BOARS** at \$20 to \$40. These are good and guaranteed satisfactory. Inspection invited. Sired by Michigan Orion Sensation and by Michigan Demonstrator.  
Michigan Farm Ltd., Pavilion Mich.  
Kalamazoo County.

**FOR SALE—FINE MARCH AND APRIL PIGS**  
Sired by Gladwin Col. 188995. Write us your wants.  
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**TRIED** sows and gilts bred to or sired by Peach Hill Orion King 152489. Satisfaction guaranteed. Come look 'em over.  
Also a few open gilts.  
INWOOD BROTHERS  
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**AM OFFERING SOME HIGH CLASS SPRING DUROC BOARS**  
at reasonable prices. A few gilts bred for September farrow at bargain prices.  
W. C. TAYLOR  
Milan, Mich.

**FOR SALE — DUROC PIGS, 2 1-2 to 4** months old, either sex, big bone, prolific strain, superior individuals and breeding. Price reg 12 to 15 dollars. A few March gilts. Satisfaction or money back.  
WEST VIEW FARM, Hillsdale, Mich.  
B. E. Kies, Prop.

**PURE-BRED DUROC JERSEY HOGS**  
We usually have good boars and sows of all ages for sale. Reasonable prices.  
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**DUROC JERSEY BOARS-BIG ONES!**  
Priced to move them quick.  
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**DUROC BOARS** SPRING FARROW, Mostly Colonel, Long Wonder and Sensation breeding.  
CHASLEN FARMS, Northville, Mich.

**DUROC JERSEY BOARS.** Boars of the large, heavy-boned type, at reasonable prices. Write, or better, come and see.  
F. J. DRODT, R 1, Monroe, Mich.

**FOR SALE—REG. DUROC JERSEY SWINE.** A few real boar and sow pigs by Michigan Grand Champion Boar and from prize winning dams. Also a few fall pigs either sex, sired by 5th aged boar Detroit and 2nd at Saginaw. All stock double immuned except fall pigs. Satisfaction guaranteed.  
F. HEIMS & SON, Davison, Mich.

**Duroc Jersey Bred Stock all Sold.** Orders taken for ventling pigs. 1,000 pound herd boar.  
JOS. SCHUELLER, Weldman, Mich.

**OAKLANDS PREMIER CHIEF**  
Herd Boar—Reference only—No. 129219  
1919 Chicago International  
4th Prize Jr. Yearling  
BOOKING ORDERS FALL PIGS AT \$25  
BLANK & POTTER  
Pottsville, Mich.

**FOR SALE DUROC JERSEY BOAR, 1 YR.** old. 3d. West Michigan. Price \$60. Several good spring boars and gilts from prize winning stock at reasonable prices.  
FREY BROS., R 1, Caledonia, Mich.

**FOR SALE—BROOKWATER PRINCIPAL 33rd** 2 1/2 years old, right in every way.  
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**RICHLY-BRED DUROCS. YOUNG BOARS** and gilts sired by Brookwater Demonstrator 27, 2nd prize aged boar, State Fair 1921.  
H. E. LIVERMORE & SON, Romeo, Mich.

**FOR SALE AT BARGAIN DUROC BOAR** PIGS sired by Uneda Model Orion, Grandson of \$20,000 boar, Defender, Jack Orion, and Taxpayer Orion dams. Those pigs are making of real boars. Will ship for inspection before you pay.  
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—at—  
St. Johns, Michigan

Owing to the death of August Miller will sell at public auction at the farm all personal property and livestock including

**35 REGISTERED DUROC HOGS**

of the most approved type and breeding.

**7 HEAD REGISTERED HOLSTEIN FEMALES**

**SPAN OF REGISTERED BELGIAN MARES**

**AND 4 MONTHS OLD COLT.**

Autos will meet all trains

**MRS. AUGUST MILLER, St. Johns, Mich.**

**DUROCS** ANYTHING YOU WANT AT Farmer's prices.  
C. L. POWER, Jerome, Mich.

**FOR SALE** REG. DUROC SPRING BOARS, good breeding, prices right.  
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Henderson, Mich.

**Duroc sows and gilts** bred to Walt's King \$2949 who has sired more prize winning pigs at the state fairs in the last 2 years than any other Duroc boar. Newton Barnhart, St. Johns, Mich.

**50 DUROC JERSEY PIGS, 10 to 12 weeks old,** weight 35 to 40 lbs, either sex, all registered. \$10 each. We are crowded for room send check with order. Money back if they do not please you.  
SCHAFER BROS., Leonard, Mich., R 1

**Durocs, Hill Crest Farms.** Bred and open sows and gilts. Boars and spring pigs. 100 head. Farm 4 miles straight S. of Middleton, Mich., Gratiot Co. Newton & Blank, Perrinton, Mich.

**WE OFFER A FEW WELL-BRED SELECT-** ed spring Duroc Boars, also bred sows and gilts in season. Call or write.  
McNAUGHTON & FORDYCE, St. Louis, Mich.

**FOR SALE: ONE DUROC BOAR FROM** Brookwater breeding stock. Choice spring pig.  
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**O I C AND CHESTER WHITE** swine. Spring boars at reasonable prices. Choice Aug. & Sept. Pigs to be shipped at 8-10 weeks old. Prominent Bloodlines. Write.  
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**O. I. C.'s SERVICE BOARS, SPRING PIGS** at Farmer's prices.  
CLOVER LEAF STOCK FARM, Monroe, Mich.

**O. I. C. SWINE—MY HERD CONTAINS THE** blood lines of the most noted herd. Can furnish you stock at "live and let live" prices.  
A. J. GORDEN, Dorr, Mich., R 3.

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**HAMPSHIRE HOGS ARE THE MOST POPU-** lar hogs of today. Spring and fall boar pigs. at a bargain. A few open gilts. 9th year.  
JOHN W. SNYDER, R 4, St. Johns, Mich.

**An Opportunity To Buy** Hampshires Right  
We are offering some good sows and gilts, bred for March and April farrowing. Also a few choice fall pigs, either sex. Write or call.  
GUS THOMAS, New Lothrop, Mich.

## BERKSHIRES

**EVERY'S BERKSHIRES**  
Winners at the International 1920, State Fair 1920-21. Choice large type spring pigs, either sex. Satisfaction guaranteed.  
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**LAKESIDE FARM**  
offers Tamworth Boars and Sows for sale at right prices. A few of all ages from best blood lines in the U. S.  
FRANK KINCH, Grindstone Cy, Mich.

## CHESTER WHITES

## FOR SALE

6 pigs, 3 boars and 3 sows farrowed Sept. 6. Sired by Munger Monarch No. 79401 Dam Gay No. 144930. Chester White. Reference Bank of Munger, Munger, Mich.  
H. M. RADEMACHER, Munger, Mich.

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**FOR SALE** AMERICAN MERINO and Black Top Delaine rams. Purebred Berkshire boars, true to type and ready for service.  
JOHN W. WORTHINGTON, Howell, Mich.

**FOR SALE** REGISTERED HAMPSHIRE EWES AND RAMS.  
GLEN STACKHOUSE, Corunna, Indiana.

**SHROPSHIRE** OF QUALITY LAMBS and Yearling Rams.  
DEWITT C. PIER  
Ewart, Mich.

**SHROPSHIRE** A FEW WOOLY RAM LAMBS PRICED TO SELL  
DAN BOOHER, R 4, Ewart, Mich.

**FOR SALE** REGISTERED SHROPSHIRE ewes bred to lamb in March or April.  
ARMSTRONG BROS., R3, Fowlerville, Mich.

**WILLOW SHADE SHROPSHIRE** ewes and rams of the best breeding. Prices reasonable.  
O. W. SOBER, Fowlerville, Mich.

**60** Head Registered Shropshire Ewe and Ram lambs, also yearling rams of a quality that have given satisfaction since 1890. Priced to sell.  
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## HAMPSHIRE SHEEP

A few good yearling rams and some ram lambs left to offer. 25 ewes all ages for sale for fall delivery. Everything guaranteed as represented.

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## REGISTERED RAMBOUILLET RAM

Breeding and individuality. Ranging from one to four years old.  
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**EIGHT A NO 1** REGISTERED HAMPSHIRE EWES  
Young and priced at 12 dollars per head. Certificates furnished.  
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## TO INCREASE YOUR RETURNS

from sheep, breed Registered Rambouillets.  
For sale by  
P. C. FREEMAN & SON  
Phone 54-3 or 240  
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**REGISTERED HAMPSHIRE RAMS.** All ages. Bred and priced right. Also registered ewe all ages.  
W. W. CASLER, Ovid, Mich.

**FOR SALE** BLACK TOP DELAINE RAMS.  
FRANK ROHRBACHER, Laingsburg, Mich.

## MULES

**FOR SALE**  
One mule colt 4 months old. Good size, heavy bone, will make a large mule when grown.  
F. L. IRISH, Owosso, Mich., R. F. D. 5

## GOATS

**GOATS FOR SALE**  
Two 7-8 Toggenburg does two years old Registered A. M. G. R. A. These young does from fine milk strains. On basis of past performance they should give four quarts each per day next lactation period. W. D. ALLEN, 2037 Geddes Ave., Ann Arbor, Mich.

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**FOR SALE, FLEMISH GIANT RABBITS, DOES,** breeding age, \$6. Three months old pair, \$5. Registered does \$12 each. Stock pedigreed. Quality guaranteed.  
E. HINEBAUGH, Coldwater, Mich.

**HUNDRED HUNTING HOUNDS. TRIAL AND** photos. C. O. D.  
KASKASKUP KENNELS, Herrick, Ill.

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Wm. Waffle, J. T. Hoffman,  
Coldwater, Mich. Hudson, Mich.  
on the block. In the ring.

We make a specialty of selling pure bred big type Poland Chinas, Spotted Poland Chinas and Duroc Jerseys. Sales. We are experienced. We sell 'em and we get the money. We are expert hog judges. We are booking dates right now for 1922 sales. We would like to sell for you. We have one price for both of us and it's right. Select your date; don't put it off; write today. Address either of us.

## SYMPTOMS OF TUBERCULOSIS (Continued from page 7)

which goes hand in hand with a tuberculous lesion, is apt to be present. Night sweats, constipation, shortness of breath on exertion are other common early findings.

In comparatively rare instances, the first warning of the presence of the disease is a pulmonary hemorrhage.

As consumption gains foothold and the disease increases in severity, all of the above symptoms become more definite and the picture becomes clearer.

In the very early stages of the disease, the patient usually runs a temperature in the afternoon of a degree or more above normal and has a subnormal temperature in the morning.

The best books on the subject from a layman's standpoint are Lawarson Brown's "Rules for Recovery from Pulmonary Tuberculosis" and King's "The Tuberculosis Battle and How to Win It." Both of these can be obtained from the National Tuberculosis Association, 370 Seventh Avenue, New York City. This organization has considerable literature for free distribution and publishes an excellent monthly magazine called The Journal of Outdoor Life.—George H. Ramsey, M. D., Deputy Commissioner, State Department of Health, Lansing.

## IS THIS A GOOD INVESTMENT?

Do you consider it safe to buy the bonds of the First Mortgage Bond Company of Detroit?—J. S., Presque Isle County, Michigan.

The bonds offered by this company are in denominations of \$100, \$500 and \$1,000, a total of \$150,000. The security offered is alleged to be worth \$336,600. The price of the bonds is 6 per cent. The bonds are tax-free in Michigan, but subject to federal income tax. The property of the company named for security appears ample to cover the bond issue, and the personnel of the officers gives assurance of strength and safety. Fred L. Warner, former governor, is president, and Paul R. Gray, well known Detroit capitalist, is a director. Other officers are substantial Detroit business men.—Editor.

## LIABLE FOR NEGLIGENCE

A had a permit to pasture his mare and colt on B's farm. C was hauling wood across pasture and left the fence open and A's mare and colt got into C's pasture and the colt got kicked and is crippled for life. Is A entitled to damages from C?—A. B., Garden, Mich.

I would be of the opinion that C would be liable for negligence, if he had only the right of driving across the pasture.—Legal Editor.

## PLACING CULVERTS

The state is building a state trunk line by my place and they dug a six-foot ditch in front of my house. Are they supposed to tile it or not? I have gates going into each field along this road. Are they obliged to build one to gate and how wide should the drives be?—A Subscriber, St. Johns, Mich.

There is nothing in the law that compels the municipality constructing this highway to tile their gutters nor is there anything in the law which obligates the municipality constructing highways to build driveway culverts, but both the State Highway Department and the various Boards of County Road Commissioners do construct driveway culverts for a certain number of driveways to property adjacent to highways being improved, charging same to the original project. This however, is a matter entirely discretionary with the board having charge of the construction of the highway.—Harry H. Partlow, Legal Adviser, State Highway Department.

## MUST PAY TAXES

I want to ask you a question in regard to the supervisor assessing chattel property. I have a son that is of age and owns some cattle that are on my farm. Can the supervisor assess these cattle to me, and am I compelled to pay taxes on them?—J. R. H., Michigan.

The law provides: "All animals kept throughout the year in some township other than where the owner resides shall be assessed to such owner or the person in possession in the township where kept." The inquiry does not state where the owner resides but I would be of the opinion that the assessment was good.—Legal Editor.



## POULTRY BREEDERS' DIRECTORY

Advertisements inserted under this heading at 30 cents per line, per issue. Special rates for 13 times or longer. Write out what you have to offer and send it in, we will put it in type, send proof and quote rates by return mail. Address The Michigan Business Farmer, Advertising Department, Mt. Clemens, Michigan.

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Yearling Hens and Pullets—This stock is all selected Pure Breed Practical Poultry, late moulters and good layers. 3000 Yearlings; limited number Pullets. Guaranteed good practical quality. We will send you description of fowls and egg records. If you want first class paying Leghorns, write to us.

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Desk 2, Kalamazoo, Michigan

#### MUD WAY AUSH-KA FARM

offers young stock and a few mature breeders in White Chinese Geese, White Runner Ducks and White Wyandottes. Also O. I. C. spring girls. Write today for prices on what you need.

DIKE C. MILLER, Dryden, Mich.

**TOP QUALITY COCKERELS—MINORCAS,** Houdans, Rocks, Reds, Orpingtons, Spanish, TYRONE POULTRY FARM, Fenton, Mich.

**W. CHINESE GEESSE, PEKIN DUCKS, R. O. C.** Br. Leghorns.  
MRS. CLAUDIA BETTS, Hillsdale, Mich.

#### PLYMOUTH ROCK

**BARRED ROCK COCKERELS.** Parks 200-egg strain. From stock direct from Parks best pedigreed pens. \$3 each.

R. G. KIRBY,  
Route 1, East Lansing, Mich.

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**SINGLE COMB BUFF LEGHORN COCKERELS,** April and May hatched. Heavy laying strain.

J. W. WEBSTER, Bath, Mich.

#### FOR SALE

**S. C. WHITE LEGHORN PULLETS**

in lots of 25 up to 200 at \$1.50 each.  
VALLEY RIDGE POULTRY FARM  
Bloomington, Mich.

**SINGLE COMB BUFF AND BROWN LEGHORN** Cockerels at farmers' prices. Also White Wyandottes.

E. B. HOLLENBECK, Athens, Mich.

**ROSE-COMB BROWN LEGHORN HENS,** 1 year old for \$1.00. Also cockerels for \$1.50.  
WM. CHEESEMAN  
Yale, Mich.



### BREEDERS

We have a fine lot of English and American Leghorn Cockerels for sale at reasonable prices. Let us know your wants. We ship on approval and guarantee satisfaction.

### LORING & MARTIN CO.

East Saugatuck, Mich.

**GRABOWSKIE'S S. C. WHITE LEGHORNS,** cockerels and cocks for sale.  
L. G. GRABOWSKIE, Merrill, Mich. R. 4

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**SILVER AND WHITE WYANDOTTE COCKERELS,** bred from prize winners at Battle Creek and M. A. C. Round-up show. Good birds at \$3.00, \$4.00 and \$5.00 each.

O. W. BROWNING, R2, Portland, Mich.

#### C. W. CASE

ROCHESTER MICH.

**WHITE WYANDOTTE SPECIALIST**  
offers strictly high-grade young and old stock at popular prices. Correspondence solicited.

**TRAPNESTED PEDIGREED WHITE WYANDOTTE** cockerels from hens with records of 231 to 266 mated to cockerel from a 257 egg hen.  
C. R. HANES, Schoolcraft, Mich.

#### WHITE WYANDOTTES

Martin Foundation. A few good breeders for sale. No more baby chicks this year. Order cockerels now for early fall delivery. Prices reasonable.

C. W. HEIMBACH  
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**PUREBRED WHITE WYANDOTTE PULLETS,** at \$2.00 each. Fisher strain.  
MRS. TRACY RUSH, Ithaca, No. 7, Mich.

#### RHODE ISLAND REDS

**WHITTAKER'S R. I. REDS.** Michigan's great. Best color and egg strain. Both combs. Write for free catalog and our new proposition in regard to good breeding cockerels.

**INTERLAKES FARM,** Box 4, Lawrence, Mich.  
**WILL HAVE A FEW CHOICE PURE BRED** R. I. Red Cocks, hens and cockers for sale. Must act quickly if wanted.  
Wm. H. FROHM, New Baltimore, R1, Mich.

#### ORPINGTONS

#### ORPINGTONS AND LEGHORNS

Two great breeds for profit. Write today for free catalogue of hatching eggs, baby chicks and breeding stock.  
CYCLE HATCHER COMPANY, 149 Philo Bldg., Elmira, N. Y.

**ORPINGTONS COCKERELS AND PULLETS** for sale. Buff, White, Black Cockerels at \$7, \$8, and \$10. Pullets at \$3 and \$5. Also yearling hens \$3 and \$4. Hatching eggs, \$6 per setting of 15.  
GRABOWSKIE BROS., R. 4, Merrill, Mich.

#### MINORCAS

**S & R C BLACK MINORCA**  
Cockerels. Special, closing out \$1.50 and \$1.75 each. Satisfaction guaranteed.  
MAPLE VIEW POULTRY FARM  
E. Sylvander, Coloma, Michigan

#### ANCONAS

#### 3000 EARLY APRIL HATCHED

FULLY MATURED ANCONAS.

**BUCKEYE ANCONA FARM**

NEW LONDON, OHIO.

Heavy layers and show birds, none better. Reasonable prices and quality stock is our motto. Can furnish winners for any show. Ask for our late winnings at Columbus, O., Louisville, Ky., Cleveland, O., Pittsburg, Pa., Hagerstown and Cumberland, Md. Cks. Hens, Cks. Pul. and Mated Pens always for sale. Eggs and Baby Chicks in season. 100,000 incubator capacity. Write us and get the best.

#### LANGSHAN

**DR. SIMPSON'S LANGSHANS OF QUALITY**  
Bred for type and color since 1912. Winter laying strain of both Black and White. Have some cockerels for sale. Eggs in season.  
DR. CHAS. W. SIMPSON  
Webberville, Mich.

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**FOR SALE, MAMMOTH IMPERIAL WHITE**  
Pekin Ducks, males or females, \$2.00; three or more \$1.75 each. Buff Ducks, \$2.50 each. Also have a fine lot of English-American S. C. White Leghorn cockerels at \$1.50 each. S. C. Brown Leghorn Cockerels \$1.50; nice ones.  
MAPLE WOOD POULTRY FARM  
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#### TURKEYS FOR SALE

A few purebred Bourbon Red, early hatched. Write for prices, etc.  
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#### BOURBON RED TURKEYS

Unrelated stock \$6.00 this month.  
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#### GIANT BRONZE TURKEYS

Large vigorous pure bred birds of Copper Bronze strain. Buy your stock now at fall prices.  
MRS. PERRY STEBBINS, Saranac, Mich.

**MICHIGAN'S BEST GIANT BRONZE TURKEYS.** Splendid pure bred birds. Take advantage of early low prices.  
N. EVALYN RAMSDALE, Ionia, Mich.

**WHITE HOLLAND TURKEYS, WHITE AFRICAN** Guineas, Toulouse Geese. Stamped and dressed envelope for reply. No cards answered.  
A. A. WHITCOMB, Byron Center, Mich.

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The Michigan Business Farmer,  
Mt. Clemens, Mich.

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**60-ACRE FARM NEAR CITY, HORSES, 4** cows, poultry, hogs, manure spreader, implements, vehicles, tools, season's crops from large acreage potatoes, oats, corn, hay, vegetables, wood included; big city markets; close high school village, about 1 1/2 hrs. Detroit; 57 acres fertile, loamy tillage, cutting 2 tons hay acre; wire-fenced pasture; 30 apple, 25 cherry trees, plums, peaches, grapes; 8-room house valued \$3500, piazza, fine outlook; good barn, garage, ice house; owner unable operate \$5800 takes all part cash, easy terms. Prosperity yours if you act quickly. Catalog free. PERRIN W. CALLEN, South Lyon, Mich.

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**68 ACRE FARM FOR SALE, MOSTLY ALL** cleared. Fair frame house, new barn built last year, 32x46; frame granary 14x20, good well 280 feet deep; well drained good ditches and fences; clay and black loam land; good road, mail route, schools and churches. Located in Bay county, Garfield township. Section six. With horses, cattle and implements if wanted. MARTIN SMITH, R. 1, Rhodes, Mich.

**FOR SALE: 114 ACRE STOCK AND GRAIN** farm, 95 acres in cultivation, 30 acres grain, clay soil, good buildings, 1-2 mile from good market town, gravel road, milk route. Stock and implements if wanted. For A1 stock and grain farm write the owner. C. C. CATES, Fountain, Mich.

**FOR SALE: 46 A. TERMS. SIX-ROOM** house, good buildings, rich soil. Fruit, spring pasture. Equipment if wanted. School across street. Gravel road, 2 miles railroad. Electric. W. H. SCHULTZ, Imlay City, Mich.

**FARM LANDS WITH BUILDINGS, \$20 PER** acre up. Small payment down, easy terms. C. H. HOUSE, Mt. Pleasant, Mich.

**FOR SALE: 20 ACRES APPLE ORCHARD** 23 years old, to anyone buying this at \$200 per acre will make present of 90 acres good farm land, house and barns. CIAS. PARKER, Traverse City, Mich., R. 7, Box 86.

**160 A. BLACK SANDY LOAM, FINE** buildings, 2 1/2 miles from Vestaburg, \$10,000 part cash, bal. easy terms. A. C. DIAMOND, Vestaburg, Mich.

**80 ACRES, 3-4 MILE TO ELEVATOR,** postoffice, stores on R. F. D. Bearing orchard good water, easy terms. ETHEL JACKSON, Rhodes, Mich.

**160 ACRES—60 ACRES CLEARED, BAL-** ance good pasture. Buildings fair, clay-loam soil. Handy to school. \$26.50 per acre. RUSSEL WARD, R. F. D. 2, Prescott, Mich.

**50 A. IDEAL DAIRY FARM WITH ESTAB-** lished milk trade in town of 500 population. Good 11 room house, barn 28x38 full basement, cow barn 20x50 full basement, tile silo. Electric lights in buildings and running water on farm. Can be bought for less than buildin are worth. Write for price and terms. N. R. PETER, Wolverine, Mich.

## MISCELLANEOUS

### MACHINERY

**FOR SALE—REO SPEED WAGON IN A1** condition, stake body, good tires, motor perfect. Will take in Ford pick-up or roadster. M. RUTTA, Woodward, Eaton Road, Royal Oak, Mich.

**WE SELL NEEDLES AND REPAIR ALL** makes of sewing machines. Let us know your troubles. We can help you. THE DE STEIGER MUSIC CO., Mt. Clemens, Mich.

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**TYPEWRITERS—ALL MAKES SLIGHTLY** used, \$20 up. Easy payments. Free trial. Guaranteed two years. PAYNE COMPANY, Rosedale station, Kansas City, Kansas.

**INTERNATIONAL 8-16 TRACTOR, OLIVER** 2-14 bottom plow and tandem disc. Used 2 seasons. All for \$650. C. G. HUNTLY, Eaton Rapids, Mich., R. 8.

### SEED

**CERTIFIED IRISH COBBLER SEED POTAT-** toes for sale. The only field of certified Irish Cobblers in Michigan this year. You'll have to hurry. \$2.00 per bushel, sacks free. MORLEY E. OSBORNE, Sun Haven Farm, Standish, Mich.

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**WANTED—EXPERIENCED FARM HAND** with good references or possibly a tenant. Dry oak body wood for sale. R. W. ANDERSON, Clarkston, Mich.

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**GIRL AND BOY AGENTS — WANTED** quick. We trust you. Sales every home for greatest article ever invented. Agents delighted, parents approve because pleasant and profitable. Write quick. FIRE X COMPANY, Portland, Oregon.

**\$20 DAILY SELLING WONDERFUL NEW** low-priced Ford bumper. Outsell all others. Every Ford owner eager buyer. Act quick. WAL LACE McCORMICK, Streeter, Illinois.

**200 GOOD, BRIGHT, HONEST FARM BOYS** wanted to work for me. Earn money at home, after school and on Saturdays. Send stamp for particulars. H. T. ENDERSBE, Bad Axe, Mich.

**FERRETS FOR SALE. PRICE LIST FREE.** Book on ferrets, 10c. Ferret muzzles 25c each. BERT EWELL, Wellington, Ohio.

**TRUNKS, BAGS, SUITCASES. WHY PAY** two middlemen profits? Buy from factory direct. Send for free catalog. GEM TRUNK & BAG FACTORY, Spring Valley, Ill.

**CRUDE OIL FOR SALE. NATURE'S OWN** remedy. Write or wire. O. D. ARNOLD, Bryant, Ind.

**THE OLD RELIABLE JOSEPH D-SEK** Company, 726 W. Randolph St., Chicago, Farm and dairy products. Write, wire, or phone.

**BUY FENCE POSTS DIRECT FROM FOR-** est. All kinds. Delivered prices. Address "M. M." care Michigan Business Farmer, Mt. Clemens, Mich.

**GOVERNMENT CLERKS NEEDED—(MEN-** women); \$1400-\$2000; permanent; few to travel; expense allowance. Write Mr. Ozment, Former U. S. Government Examiner, 355 St. Louis, Mo. He gives reliable information.

**FILMS DEVELOPED FIVE CENTS. PRINTS** regular sizes, three cents each. GUMSER ART STORE, Holland, Mich.

**MORE MONEY FOR YOUR HOLIDAY LIVE** and dressed poultry. Get our quotation before selling. GLENN AND ANDERSON CO., 40 years at 26 Fulton St., Chicago, Illinois.

**HONEY, HONEY, HONEY. \$1.35 FOF 5** pound pail Postpaid. The best spread for your pancakes. JOHN D. DIETRICH, Middleville, Mich.

**HIDES TANNED OR LEATHER SOLD DI-** rect. Harness tanned 35c, sole 40c pound finished weight. Send hides or get prices. COCHRAN TANNERY, Greenville, Michigan.

**PURE COUNTRY SORGHUM MOLASSES,** extra good. Five gal. can \$5.00. Sample 10c CHAS. TOBIAS, Mfg., Crothersville, Ind.

**FULL BARREL LOTS DISHES, SLIGHTLY** damaged crockery. Shipped any address direct from Pottery, Ohio, for \$6.00. Lots are well assorted and still serviceable; plates, platters, cups and saucers, bowls, pitchers, bakery, mugs, nappies, etc., a little of each. Send cash with order. Write us. E. SWASEY & CO., Center Street, Portland, Maine.

### TOBACCO

**TOBACCO: KENTUCKY'S PRIDE, MILD AND** mellow. Best chewing or smoking, 10 lb. \$3.00; 20 lb. \$5.00. FARMERS CLUB, Mayfield, Ky.

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# MARKET FLASHES



## WAREHOUSING CORN

WITH THE approval of the Secretary of the Department of Agriculture the War Finance Corporation is about to develop plans for the warehousing of corn on a large scale. Evidently this is a plan not to take supplies from the market and create a scarcity, but to save a large and unwieldy surplus. Such a plan should be helpful to the farmers and of benefit to the public.

There was a large carry-over of corn last year, and on top of that came the 1920 crop of 3,232,367,000 bushels. This was the largest crop ever produced. We are now harvesting another one almost as large. Two record crops in succession can mean nothing else than an unusual surplus under ordinary conditions of consumption. What is to be done with it? Shall it be wasted or conserved?

The question has been well answered by Professor George F. Warren, now of the Department of Agriculture, who is an acknowledged authority in the economics of agriculture. In a recent study of farm products he pointed out that ample supplies of grain and hay should be held on farms in each year of excessive production. More attention, he said, should be given to storage and the financing of crops in years when the weather is unusually favorable, so that the unexpected production, which is often a calamity to the farmers, may be used to supplement short crops that are now almost equally injurious to industry.

No economist or financier can disagree with this advice. Then too, industry and finance are intimately connected with the corn market, because a low purchasing power of farm products is felt at once in all other circles. An illustration is to be found in the implement business. Heavy cuts in prices were made this year, yet farmers could purchase only a third of their usual supplies, according to the findings of the unemployment conference. This would suggest big inventory losses in this business. And a loss in one business affects others like pushing over one of a row of bricks.

There has not been a time in twenty years when the purchasing power of an acre of corn has been so low as it is now. Present indications are that by the time the crop movement is well under way this purchasing power per acre will be less than 65 per cent of normal. The absence of this buying power is felt all along the line of manufacturers, from shoes and shirts to automobiles and agricultural implements. We call it "stagnation."

The measure of corn is full and running over. Save and store the overflow against the day when the measure will be short. Federal licensed warehouses offer the means of doing this in a way that will ultimately add to the farmer's purchasing power and benefit general business.—Wall Street Journal.

## WHEAT

WHEAT PRICES PER BU., NOV. 8, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 Red	1.18	1.02	1.11½
No. 2 White	1.15		
No. 3 Mixed	1.15		.99
PRICES ONE YEAR AGO			
No. 2 Red	2.08	2.01	2.01

Last week's wheat market was very bearish and prices at Detroit declined 8c while on the Chicago market wheat for December delivery went below \$1 for the first time in six years. The weakest period of the week was the first four days during which time the market was over-supplied with grain and from appearances at that time it looked as though the supply was inexhaustible. The result was a steady decline in prices. However there was not much short selling going on as bears were exceedingly cautious believing the market might turn higher at any moment. Dealers report export demand was not of a very active nature

Edited by H. H. MACK

## MARKET SUMMARY

Wheat takes on bullish outlook with promises of higher prices. Corn and oats steady but little chance of much higher prices this week. Demand for rye small. Beans steady but do not look for substantial advance in prices within next week or two. Potatoes easy and supply liberal. All receipts of butter and eggs meet with good demand. Detroit market for dressed calves and hogs easy with no changes in prices.

but there is more wheat going out of this country than the average person believes because the business is being carried on under cover. Flour buyers stocked up when the railroad employees threatened to strike and the mills did not experience any demand last week so they were not in the market; some of the mills even closed down. Country offerings dropped off the latter part of the week but this did not affect prices as demand was slow. Of the wheat crop outside of the United States it is said that Canada has an enormous surplus, which is being marketed at a big loss to the growers, and Argentine and Australia are expecting to handle a large export business. Receipts at Chicago last week aggregated 109 cars compared with 92 cars one year ago. Shipping sales totaled about 250,000 bushels. On Monday, Nov. 7, the market lost some of its bearish appearance and prices advanced.

The condition of the winter wheat is considered fairly good excepting in the western states where the crop needs rain badly. Here in Michigan the crop is coming along very satisfactorily with only slight damage reported by the Hessian fly and it is believed the crop in general is in good condition for winter.

## CORN

CORN PRICES PER BU., NOV. 8, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 Yellow	.53	.47	.64½
No. 3 Yellow	.51		
No. 4 Yellow	.48		
PRICES ONE YEAR AGO			
No. 2 Yellow	1.00		

As we predicted in our issue of Nov. 5th the corn market was dull last week and prices declined slightly. Country offerings were light but receipts continued to more than fill the demand. The weak condition of the wheat market also had something to do with the dullness in corn. Some falling off of stocks was noticed at Chicago but supplies are still large. Export business is fairly good according to seaboard clearances. Shipments from Chicago last week amounted to 500,000 bushels. Receipts were estimated at 185 cars. The husking of the crop is progressing rapidly throughout the country and a large portion of the crop is already in the crib. Corn belt states report damage from mould and ear worm but the crop as a whole is of good quality, especially in this state. Huskers are making rapid progress in Michigan and some damage by ear worms is reported. The market trend was unchanged the opening day of the present week. No. 3 yellow was off 1c at Detroit.

## OATS

OAT PRICES (new) BU., NOV. 8, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 White	.37½	.34	.44½
No. 3 White	.34	.31	
No. 4 White	.31		
PRICES ONE YEAR AGO			
No. 2 White	.57	.55½	.52½

Oats went some lower in price the fore part of last week but did not decline near as much as wheat. The close of the week found oats lifeless and prices unchanged. Export demand was conspicuous for its absence and domestic business was not much better. Receipts were small

and country offerings amounted to practically nothing. Dealers are inclined to believe this grain has about reached the bottom and it is due for a recovery. We think so too but do not look for any gains of importance within the next few weeks. Instead of following wheat upward on Monday of the current week, oat prices declined.

## RYE

There were declines amounting to 10c in the Detroit rye market the early part of last week but on the closing day there was an advance of 3c which brought the price for No. 2 up to 81c. At Chicago the price dropped to 75c. These prices are too low and we are looking for this grain to go higher. We do not look for any spectacular change for the better but we are bullish on rye futures. It may be a matter of a couple of months before the market takes on a healthier outlook but it is bound to come, at least that is the way we see it. The growing crop of rye looks good and it should enter the winter in fine condition in most sections.

## BARLEY

The barley market appears lifeless and prices continue unchanged at the level established several weeks ago: \$1.00@1.30 per cwt., at Detroit and 51c per bushel on the Chicago market. The quality of this year's crop is reported to be not quite up to standard.

## BEANS

BEAN PRICES PER CWT., NOV. 8, 1921			
Grade	Detroit	Chicago	N. Y.
C. H. P.	4.25	5.32	5.35
Red Kidneys		5.12	
PRICES ONE YEAR AGO			
C. H. P.	4.65		

The Detroit and Chicago bean markets weakened slightly last week and prices declined while the New York market was steady and advanced. The decline at Detroit amounted to 15c.

## POTATOES

SPUDS PER CWT., NOV. 8, 1921		
	Sacked	Bulk
Detroit	1.75	2.08
Chicago		1.87
New York		2.04
Pittsburg		2.05
PRICES ONE YEAR AGO		
Detroit	3.75	

Owing to the impending rail strike New York shippers stocked up heavily with potatoes and the result was that last week the New York market was over-supplied with potatoes and prices declined. Chicago shippers and dealers did not pay much attention to the threatened strike and they did no extra buying. So the supply on that market was only normal. The result was that the cooler weather of last week steadied the Chicago market some although prices did not advance. Trade is good at this point but shipments are heavy thus holding the prices down. At Detroit receipts were liberal and the price was off slightly. Cooler weather, we believe, would mark the change to higher price levels. Potato digging is nearing completion and the yield in general for the entire U. S. is reported low. Reports of rot continue to come in.

## ONIONS

Weather conditions were responsible for the easy feeling in the onion market at Chicago last week, with respect to volume of trading, although prices suffered but little, possibly declining 25c per cwt. Operators with large stocks and no places to store them are selling at slightly lower prices but the men that have good storage facilities are holding on to their stock and sitting tight. Indiana reds and yellows are quoted at \$4.75@5 per cwt.

## APPLES

The apple market last week was slow at New York both on boxes and barrels. Prices on barrels seemed to be a little lower. Most of the soft fall fruit has been moved. For instance, there are no more McIntosh to speak of and this fruit was selling around \$12@14 per barrel. Standard winter grades are now getting into the market in good shape. Greenings, of course, are very scarce and good barrel Greenings last week were selling at \$6@10. Baldwins were doing very well at \$5@7.50 and Ben Davis were bringing \$4@6. Ben Davis is one variety that is lower than it was two weeks ago by perhaps \$1 per barrel. Some fancy Northern Spies were bringing \$8@10 and Kings were selling around \$6@8. Box apples were slow and the market was in a very bad condition, with offerings heavy.

## HAY

The rush of hay to market week before last owing to the threatened strike and heavy buying by dealers and consumers caused all markets to weaken last week and at many points prices went lower. Soon as this accumulation is cleared, the market ket will again steady down. Prices did not change at Detroit so standard timothy is worth \$18@19 per ton with the best grade \$1 higher. No. 1 clover is \$14@15 per ton and No. 1 clover mixed \$15@16 per ton. Other large markets located throughout the U. S. are from \$1 lower to \$8 higher.

## LIVE STOCK MARKETS

Another week's experience with a freaky cattle market, has been the lot of the average cattle dealer and feeder. High-grade yearling steers, just the kind the market prefers, made a new record for the year selling at \$12.50 per cwt. in Chicago, while all other grades of killing cattle, stockers and feeders were dull and sharply lower. Veal calves, hogs and sheep are quoted lower and lambs steady to a trifle higher. The trade in all fresh meats except light yearling calves has been dull and slow of late and selling prices have showed a decline, ranging from 50 cents to \$2 per cwt., in all of the larger cities of the country. The cause assigned for these conditions is the accumulation of fresh meat in the coolers of the country in anticipation of a labor strike that did not materialize. The demand for cured meats and lard is reported to be active and the movement of generous proportions; the extremely low prices, at which all cured meats and lard are selling, tend to stimulate demand. Provisioners are entirely satisfied with the business they are doing in commodity and by-products.

Last week's Chicago cattle receipts were 10,000 head lighter than for the week before and 18,000 lighter than for the same week, last year. A few good cattle came to hand but more plain and medium kinds were received that the trade could absorb without materially shading values. The yearling steers that brought \$12.50 were of show-yard quality and light average weight; on the same day, yearlings, just as well finished but heavier in weight, brought only \$11.40. A load of Hereford steers, averaging 1,490, brought only \$9.50. The call for light beef is aptly illustrated by these sales as all of the cattle came from the same



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WHEN ORDERING GIVE MAKE OF CAR AND YEAR MADE. A \$5.00 DEPOSIT MUST ACCOMPANY ALL ORDERS. ALL BATTERIES SHIPPED EXPRESS C.O.D. SUBJECT TO INSPECTION A \$1.00 DISCOUNT WILL BE ALLOWED IF THIS ADVERTISEMENT IS RETURNED WITH ORDER.

**Storage Battery Service Co.**  
6432 E. JEFFERSON AVE.  
DETROIT MICH.

locality and were as good as grain and care could make them.

Lambs held their own all last week and the close was from 15 to 25 cents per cwt. higher than the opening on Monday. All other grades of sheep were lower for the week. Receipts in the Chicago sheep department, last week, were about 5,500 smaller than the week before, the decrease being mainly in the lamb department. Feeding lambs were active all the week, with a top of \$8 per cwt.

Receipts of hogs at Chicago, last week, were called extremely large for this season of the year, being 148,500; this generous supply, coming on top of the big run of the week before, created a surplus that made it possible for packers to pound the values, toward the middle of the week. For the most part, however, trade was active and featured by a persistent shipping demand for all kinds, especially pigs and light weights. The close was strong at the extreme high point of the week. Large receipts, all around the market circle, on Monday of this week, caused a decline in prices and fore-shadowed an easy mid-month trade at prices slightly below \$8.00 per cwt. in Detroit and western points.

**Live Stock Prices**

The following prices were paid at the Detroit Stockyard Tuesday, Nov. 8.

**Cattle**

Best handy wt. butcher steers	6.25@6.75
Mixed steers and heifers	5.50@6.00
Handy light butchers	4.50@5.00
Light butchers	4.00@4.25
Best cows	4.50@5.00
Butcher cows	3.00@3.75
Cutters	2.50@2.75
Canners	2.00@2.25
Choice bulls	4.50@5.00
Bologna bulls	4.00@4.50
Stock bulls	3.00@3.75
Feeders	5.25@6.00
Stockers	4.00@5.25
Milkers and springers	45.00@100.00

**Calves**

Best	11.50@12.50
Common	7.00@10.00
Heavy	4.00@7.00

**Sheep and Lambs**

Best lambs	8.50
Fair lambs	7.00@7.75
Light to common lambs	5.00@6.00
Fair to good sheep	3.00@3.75
Culls and common	1.00@2.00

**Hogs**

Mixed hogs	7.85
Extreme heavy	7.25
Pigs and yorkers	8.00
Roughs	6.40
Stags	5.00
Boars	3.00

**MISCELLANEOUS MARKET QUOTATIONS**

**Detroit, November 8th.**

Butter—Best creamery, in tubs, 37¢ 40¢ per lb.

Eggs—Fresh, candled and graded, 45¢ 51¢; storage, 33¢ 35¢ per doz.

Apples—Greening, 2.50¢ 3¢; Baldwins, 2.25¢ 2.50¢; Spy, 2.50¢ 3¢; Jonathan, 3.25¢ 3.50¢; Snow, 3.50¢ 4¢ per bu.; western boxes 2.25¢ 3.25¢.

Cabbage—50¢ 70¢ per bu.

Celery—Michigan, 25¢ 30¢ per dozen; 1¢ 1.25¢ per box.

Onions—Eastern, 5¢ 5.50¢; Indiana, 5¢ 5.50¢ per 100 lbs.

Dressed hogs—Small to medium, 11¢ 13¢; heavy, 9¢ 10¢ per lb.

Dressed Calves—Choice, 14¢ 15¢; medium, 11¢ 13¢; large, coarse, 5¢ 10¢ per lb.

Live Poultry—Best spring chickens, 21¢ 22¢; Leghorn springs, 18¢; large fat hens, 24¢; medium hens, 20¢ 21¢; small hens, 15¢; old roosters, 15¢; ducks, 20¢ 23¢; geese, 20¢ 22¢; turkeys, 30¢ per lb.

Sugars—Eastern granulated, \$6.80; non-caking mixture, \$8.10; XXXX powdered, \$8; No. 2 soft, \$6.50; Michigan granulated, \$6.50 per cwt.

Hides—No. 1 cured 6¢; No. 1 green 5¢; No. 1 cured bulls 4¢; No. 1 green bulls 3¢; No. 1 cured calf 14¢; No. 1 green calf, 13¢; No. 1 cured kip 9¢; No. 1 green kip, 8¢; No. 1 horsehides, \$2.50; No. 2 horsehides, \$1.50; sheep pelts, 25¢ @ \$1; grubby hides, 2¢ under No. 2; No. 2 hides 1¢ and No. 2 calf and kip 1 1-2¢ under No. 1.

**WHEAT AND CORN EXPORTS**

Bradstreet's of October 29th says: Wheat, including flour, exports from the United States and Canada for the week ending October 27, aggregate 9,413,957 bushels, against 11,035,684 bushels week before and 9,564,365 bushels in the like week a year ago. For the seventeen weeks ending October 27 exports are 163,279,531 bushels against 170,161,227 bushels in the corresponding period a year ago. Corn exports for the week are 1,017,306 bushels against 2,732,996 bushels week before and 265,933 bushels in same week a year ago. For the seventeen weeks ending October 27 corn exports are 41,928,545 bushels, against 2,230,095 bushels a year ago.

**BOSTON WOOL MARKET**

The Commercial Bulletin says: "The government wool auction was the center of all attention last week and the strong sale which resulted shows the fundamental soundness of the American market. The business privately has also been of fair proportions and at fully firm prices, with medium to low grades tending to strengthen. In the goods market there is little change."

**CROP REPORTS**

**Midland**—Beets are nearly all hauled. Some corn has been husked. A week more of moderately good weather will see nearly everything done up for the winter. It has been a little rainy but not bad for this time of year.—C. L. H.

**Emmet**—Been having some very good weather. Corn huskers and potato diggers all glad to keep busy. Some barn building, repairing, etc., going on. Farmers' Clubs busy and interest keen for farmer benefits. Schools well attended and even the country boys were prone to play some Hallowe'en pranks.—Mrs. G. P. Conroy, Oct. 28th.

**Berrien (W.)**—Farmers busy shredding and husking corn. Corn crop poorest in years with a large per cent badly damaged by worms. Potatoes nearly all dug with yield and quality much better than farmers had expected. Have been having lots of rain with a few frosts. Soil fine for plowing now. Not much of anything moving to market at present. Wheat and rye looking good. Work on the roads is progressing rapidly; several new roads are nearing completion and a few old ones are being rebuilt and widened.—O. C. Young, Nov. 4th.

**Hillsdale**—A few farmers have shredded their corn and many husking yet. The ground has froze twice this week, the first this fall. We have had windy days and cool nights the past week and two or three light rains. A public meeting was held last evening in the city hall in Hillsdale by the veterinarians to point out dangers of tuberculosis. The testing of the cattle is expected to be finished Saturday of this week.—Reno J. Fast, Nov. 4.

**Montcalm (N.)**—The farmers are busy husking corn, doing a little building, repairing buildings and getting ready for the winter as fast as they can. The weather is quite cool and cloudy with once in a while a snowflake. Ground is slightly frozen. The hard freeze has taken the leaves from the trees and vines. Everything begins to look like winter.—Geo. B. Wilson, Nov. 4.

**Genesee**—Everyone plowing; getting more work done this fall than usual. All crops secured except some corn. Weather ideal for wheat and it looks as good as could be asked. Potatoes much better than anticipated. Dairying looking better as prices are higher.—A. R. Graham, Nov. 4.

**Calhoun**—This is November and the fall work is about done. Corn is nearly all husked. Potatoes dug and most all sold. Potatoes were a poor crop in this county. There is some good corn but the crop as a whole was poor. Soil is in good shape and grain is looking good. Some hay going to market. The weather is some colder. We have had lots of rain of late.—C. E. Beardsley, Nov. 4.

**Fur Department**

Edited by A. R. Harding, America's foremost author and trapper.

Questions Invited.

(Continued from last week)

**THE TRAPPING INDUSTRY**

ALTHO tens of thousands of fur pelts are caught in deadfalls each season and others with the aid of dogs yet there are several firms engaged in the manufacture of game traps for catching fur animals. The smallest sizes are adapted for catching muskrat, weasel, mink, skunk, etc., are turned out by millions. Those of larger sizes suitable for fox, coon, otter, beaver, etc., are of course, made in much less numbers. Next to the smallest size is the trap mostly used, that is, the one known as No. 1 Newhouse or corresponding size and strength of other makes.

New models and improved traps are constantly being brought out and include tree traps, stop thief traps, jump traps, Kangaroo, triple clutch, two trigger, etc. Two makes or models known as eclipse folding trap and Nelson-Boode trap are on the market this season for the first time so far as known. The latter is a Michigan product invented and manufactured within the state. The jaws and pan are much longer than in the old style end spring.

(To be Continued)



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Our Fashion Book, which heretofore has been a separate affair, has been incorporated in and made a part of our regular catalogue. It has Fashion plates of muffs, neckwear and other fine fur garments; also remodeling and repairing, together with prices and estimates. In ordering catalog, write name and address plain.

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