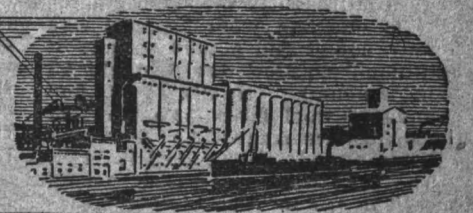


The Michigan BUSINESS FARMER



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Harding Pleads for Relief of American Farmer

Tells Congress Right to Organize and Buy and Sell Co-operatively Must be Clearly Given

PRESIDENT HARDING rendered the American farmer a distinct service when he appeared before Congress last week and bluntly told them that the farmer had suffered most from the burdens of readjustment and pleaded for measures which would give him partial relief.

"Something more than tariff protection is required by the American farmer," said the President. "There is actual depression in our agricultural industry, while agricultural prosperity is absolutely essential to the general prosperity of the country."

Very, very slowly the people of the United States have arrived at a true appreciation of the condition of the farmer and its effect upon all business. But for the President of the United States to emphasize this condition in a public address must certainly result in a keener realization of the situation and the speedy adoption of measures of relief.

Speaking at greater length upon the subject the President said:

"Congress has sought very earnestly to provide relief. It has promptly given such temporary relief as has been possible, but the call is insistent for the permanent solution. It is inevitable that large crops lower the prices and short crops advance them. No legislation can cure that fundamental law. But there must be some economic solution for the excessive variation in returns for agricultural production.

"It is rather shocking to be told, and to have the statement strongly supported, that 9,000,000 bales of cotton, raised on American plantations in a given year will actually be worth more to the producers than 13,000,000 bales would have been. Equally shocking is the statement that 700,000,000 bushels of wheat would bring them more money than a billion bushels. Yet these statements are not exaggerated statements. In a world where there are tens of millions who need food and clothing which they cannot get, such a condition is sure to indict the social system which makes it possible.

"In the main the remedy lies in the distribution and marketing. Every proper encour-

agement should be given to the co-operative marketing programs. These have proven very helpful to the co-operating communities in Europe. In Russia, the co-operative community has become a recognized bulwark of law and order and saved individualism from engulfment in social partisanship. Ultimately they will be accredited with the salvation of the Russian state.

"There is the appeal for this experiment. Why not try it? No one challenges the right of the farmer to a larger share of the consumers' pay for his product, no one can dispute that we cannot live without the farmer. He is justified in rebelling against the transportation cost. Given a fair return for his labor he will have less occasion to appeal for financial aid; and given assurance that his labors shall not be in vain, we reassure all the people of a production sufficient to meet our national requirement and guard against disaster.

"The base of the pyramid of civilization which rests upon the soil is shrinking through the drift of population from farm to city. For a generation we have been expressing more or less concern about this tendency. Economists have warned and statesmen have deplored. We thought for a time that modern conveniences and the more intimate contact would halt the movement, but it has gone steadily on. Perhaps only grim necessity will correct it, but we ought to find a less drastic remedy."

Wants Flexible Tariff

President Harding warned Congress against the adoption of a tariff which would shut out all imports. Acknowledging the need of a tariff which will apply protect our "productive activities," he hopes that a way will be found to "make for flexibility and elasticity, so that rates may be adjusted to meet unusual and changing conditions which cannot be accurately anticipated."

"There is a manifest difference of opinion," he said, "about the American valuation. It is no radical departure in view of the varying conditions and the disordered state of money values, to provide for American valuation, but there cannot be ignored the danger of such a valuation brought to the level of our own production costs, making our tariffs prohibitive. It

might do so in many instances where imports ought to be encouraged. In this proposed flexibility authorizing increases to meet conditions so likely to change, there should also be provision for decreases. A rate may be just today and entirely out of proportion six months from today. If our tariffs are to be made equitable, and not necessarily burden our imports and hinder our trade abroad, frequent adjustments must be necessary for years to come."

Other Recommendations

Other outstanding points in the President's address are:

Recommended Congress consider amending Constitution to prevent further issues of non-taxable securities.

Dissatisfaction with recent tax bill is expressed and intention of submitting future recommendations for further tax revision announced.

Denunciation of commercial treaties ordered under the Jones Shipping Act would bring chaos in trade relationships.

Presidential authority for fixing variable tariff duties with assistance of United States Tariff Commission requested.

Prompt passage of foreign debt refunding bill urged.

"Unreservedly, I recommend the appropriation necessary to supply the American Relief Administration (in Russia) with 10,000,000 bushels of corn and 1,000,000 bushels of seed grains."

Of the Arms Conference Harding said: "A most gratifying world accomplishment is not improbable."

"The right of labor to organize is just as fundamental and necessary as the right of capital to organize."

Urged establishment of an industrial relations court to protect the public against warfare between capital and labor.

Recommended reclamation legislation to make available arid, swamp and cut-over lands in West and South, to provide more homes and to aid ex-service men.

Called for "general policy of transportation, of distributed industry and of highway construction" to restore balance between cities and farms.

Every proper encouragement should be given to co-operative marketing program."

Farm Bureaus Plan Co-operative Marketing Exchange in Detroit

UNDER THE leadership of Milton Carmichael, secretary-treasurer of the Wayne County Farm Bureau, a movement has been launched to organize a co-operative marketing exchange in the city of Detroit to handle, store and sell the products of its members. The organization committee is composed of farm bureau leaders and officers in counties surrounding Detroit. Tentative plans were laid down at a meeting held Dec. 3rd, and the organization will be completed January 21st.

Products which will be handled by this exchange for direct sale to Detroit consumers will include poultry, eggs, butters, fruits, vegetables, dressed hogs and veal

calves, also potatoes and apples where same does not interfere with farm bureau marketing agencies. The exchange will also conduct an egg pool, for which adequate storage facilities will be provided.

"By this means," says Mr. Carmichael, "the Farm Bureau members will not be compelled to sell their eggs during the production period in the spring, but will be enabled to hold a good portion of the same over until the winter months and thus receive the higher prices prevailing at that time, all of which will be returned to the producers excepting the handling and storage charge, the entire proposition being managed on a co-operative basis. These egg pools handled in other states are reaping the farmers rich benefits.

"This project is 100 per cent farm bureau without being affiliated or connected in any way with the agricultural division of the Detroit Board of Commerce; it will be known as the Farm Bureau Produce Exchange and operated entirely along co-operative lines. The service in Detroit will include in addition to cold storage, general delivery to the retail trade and a staff of salesmen to look after the individual lines. It is calculated that the details can be worked out to start business not later than March 1st."

An almost identical project is being promoted by C. A. Bingham, head of the agricultural division of the Detroit Board of Commerce. The principal difference between the two is that the board of commerce project is a (Continued on page 15)

FARM BUREAU MARKETING
WOOL

WITH THE United States cleaning up on its stocks of wool, the State Farm Bureau continues to move the 1921 pool to market at a satisfactory rate. Last week the pool disposed of another 100,000 pound block of wool to an eastern mill. Fifty thousand pounds of fine clothing wool brought 26 cents a pound and 50,000 pounds of half-blood clothing wool brought 25 cents a pound. Nearly 2,000,000 pounds of wool have moved out of the pool since August 1. About 2,785,000 pounds were pooled in 1921.

The 1920 wool pool has been paid off. The last of the 18,000 checks in final settlement were dispatched early last week. The department is now taking care of adjustments here and there and is urging growers with adjustments on hand to write in at once.

The 1921 pool is still open and wool is coming in, subject to the cash advance made last summer, equivalent to half the market value of the graded wool on the day of grading. Farmers are shipping direct to the farm bureau wool warehouse at Lansing. The emergency tariff is barring foreign wools and is strengthening the general market, according to the wool department.

INSURES FUTURE SUPPLY OF
ALFALFA SEED

CLOSE CO-OPERATION between northwestern co-operative associations of alfalfa and clover seed growers and members of Michigan Farm Bureau locals and co-operative associations should materially relieve any shortage of good stocks of alfalfa and clover seed which may be felt next spring, says the State Farm Bureau seed department.

Seedsmen of the nation are forecasting a shortage of good clover seed next spring. Drought at home and abroad made great cuts in the

Current Agricultural News

normal production of clover seed. In the United States the normal purchase are about 120,000,000 pounds of red clover seed annually. Today there are about 62,000,000 pounds of clover seed in sight to meet the requirements, says the Farm Bureau quoting the Bureau of Market's figures. Little seed will be exported to the United States; however, that is considered a small loss as very little of the imported seed is adapted to Michigan conditions.

The corn belt states movement to grow more clover and less corn is also expected to have its effect on the clover seed supply. There is said to be practically no carry-over of old seed.

Michigan produces little alfalfa seed. Most of that is shipped in from the northwest where ideal alfalfa seed producing conditions are said to exist in a climate far more rigorous than that of Michigan. In assisting that northwestern alfalfa seed producing region to meet Michigan requirements with respect to pure and genuine seed, the Michigan Farm Bureau has developed supplementary seed resources for Michigan that should relieve any shortage that may be felt in Michigan.

Michigan farmers early agreed that the Northwestern alfalfa and clover producing states of Idaho, Utah, North and South Dakota and Montana were the proper sources of alfalfa seed and supplementary stocks of clover seed for Michigan.

Last summer the State Farm Bureau seed department loaned Vaughn Tanner to the unorganized Grimm alfalfa seed growers of Blackfoot, Idaho, for several months. The result was the Idaho Grimm Alfalfa Growers' Association, numbering 165 producers, said to produce about 90 per cent of the world's supply of genuine Grimm alfalfa seed.

Today the growers are not only organized but are doing business. They have furnished their association with plats showing the location of their Grimm fields with relation to all other crops grown on their respective farms, and every member of the association has absolutely proved the genuineness of his stock of Grimm. They also have a rigorous inspection service. Today they are cleaning, scarifying and warehousing their seed in a plant that handles nothing but Grimm.

The Idaho growers have made the Michigan State Farm Bureau their eastern headquarters and have assured Michigan farmers first call on all Idaho Grimm stocks while they last in recognition of the services given them by a Michigan co-operative association. The northwestern growers are working with eastern co-operative associations in a co-operative relationship.

The State Farm Bureau seed department is now the greatest co-operative seed concern in the country as a handler of general seeds, and is said to handle a larger volume than any private concern in the middle west outside of such centers as Chicago and Toledo.

FRUIT MEN WAR ON FAKE FRUIT
JUICES

TRUTH-IN-FRUIT juices legislation is to be pushed by fruit growers of the nation, now up in arms over the wholesale manufacture and sale of chemical fruit juices in place of the natural product, according to the Michigan State Farm Bureau. President James Nicol of the State Farm Bureau, a prominent fruit grower is a hearty supporter of such fruit legislation. Mr. Nicol is chairman of the Fruit Growers' Marketing Committee of 21.

The public is helpless at present in the matter of chemical fruit juices and fruit growers of the nation are being imposed upon. Gum arabic and other ingredients are being used to make artificial drinks "cloudy" so that they will resemble fruit juice drinks. The consumer cannot tell the difference. Oftentimes the thing is helped along by a display of real fruit at stands where the questionable fruit juice drinks are sold, and the advertising concerning them is so adroitly worded that the consumer is led to believe he is drinking fruit juice instead of a chemical preparation. Fruit growers are determined to protect their industry by putting an end to such deception.

EATON COUNTY'S PIG CLUB
CHAMPION

TWO YEARS ago last spring the first pig clubs in Eaton county were organized by County Agent T. A. Farrand. In the time since they have been going, the work accomplished by the club members has won them some of the most coveted honors of the hog breeders of Michigan. One in particular, Sidney B. Phillips, leader of the Brookfield Club of near Charlotte, has not only developed some prize-winning pigs, but has also placed well in the State Fair judging contest, winning the highest all-around honors in judging and first place in judging dairy cattle. By winning these contests he earned two trips, one to Chicago to the International, and the other to the National Dairy Show at Minneapolis.

Sidney was one of the first to join the clubs which were organized in 1919. Four clubs were started that year. Three of them chose Poland-Chinas, but Sidney took up Duroc-Jerseys. He bought his pure-bred pig and that fall he exhibited her with the rest of the pigs from his club at the county fair, but did not win any prizes. He kept her and the next spring she gave birth to a small litter of pigs. In the fall he picked out his best gilt to exhibit at the county show again. She took first place and won for Sidney a pure-bred gilt offered by the Michigan Duroc-Breeders Association.

This added to his enthusiasm and he was elected leader of his club. He tried judging that year, failed

to place, but did not lose heart and returned stronger than ever the next year. This fall he made the team representing his county at the State Fair. There he won the highest honors in all-around judging and the first honors in judging cattle. At the county fair he again exhibited his pigs, this time bringing two gilts and two boars. One of the gilts walked off with first prize against a field of 37 others entered by some of the best breeders in the state.

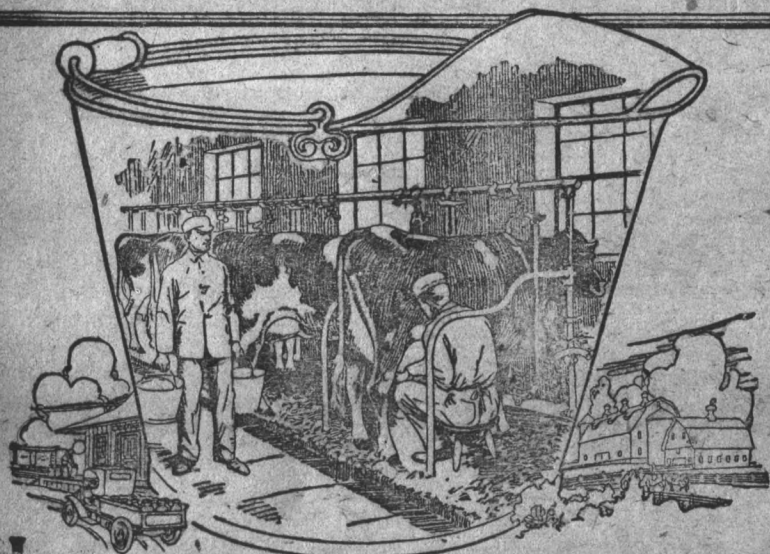
But the winning of the prizes is not the only thing which Sidney has done. He has the foundation of a fine herd of Durocs which should yield him considerable enjoyment and income in the years to come. In recognition of the splendid work which he has done he has been awarded a free short course scholarship at the M. A. C. and expects to attend the college soon. He gives credit for his success to hard work, determination, "pep," and the fact that the people of his county realize the value of a county club leader to boys and girls of the county.—C. E. Johnson, M. A. C. Correspondent.

CROP YIELDS POOR IN GREAT
BRITAIN

GREAT BRITAIN'S grain crop for 1921, from present appearances, seems to be the worst for many years. The wheat crop is the only one of which it is possible to speak with satisfaction. Of other crops, barley, which usually averages 32 bushels to the acre, is expected to fall considerably below that figure. The oat crop will be very poor. The hay crop is said to be ridiculously low, although where harvested the quality is good. Yields of 11 to 20 hundredweight are expected against 40 hundredweight (Ireland and 25 hundredweight (Great Britain) in 1920. Potatoes are a varied crop as regards yield and some farmers have obtained no greater weight than the seed they planted. The crop must be described as a bad one on the whole. The root crop is stated to be the least successful of all. Against yields of 40 to 60 tons of mangolds to the acre in good years, the highest yield so far reported is 29 tons (South Wales) which is nine tons more than the average of that district, but in most cases mangolds have yielded from practically nothing to 20 tons per acre. In consequence of crop failures, considerable decrease in farm wages is expected. In the south farmers declare their inability to pay more than 30 shillings a week; those in the west 35 shillings a week; and in the north, 40 shillings. The price of live stock has also fallen, in some reported cases. Cattle, which brought 35 pounds a head in the spring were sold after the summer for 21 pounds a head. Bullocks bought at 50 pounds realized only 40 pounds sterling after the summer's fattening.

The potato yield in Scotland is estimated at from 5 to 15 per cent above the normal and in some cases 5 to 25 per cent below. In Berwick, turnips are estimated 40 per cent below normal and swedes 20 per cent below. In Roxburgh, turnips are reported 50 per cent below the normal and swedes 10 per cent. In other districts an average yield is expected. The preliminary returns of the Board of Agriculture for Scotland in 1921, recently published, reflect considerable progress on the "back to grass" policy. Of the total acreage of 19,069,633 in 1921, 3,345,659 were under crops and 1,333,697 under permanent grass, as compared with 1,358,809 acres in 1920.

Crop returns from the Province of Saskatchewan, Department of Agriculture, based upon reports from 1,123 correspondents, estimate the wheat harvest at 174,424,781 bushels from 11,651,622 acres, being an average of 14.9 bushels per acre; the oats yield is 181,723,496 bushels from 4,838,900 acres or 37.2 bushels per acre; the barley yield at 11,455,961 bushels from 427,798 acres or 26.7 bushels per acre the rye at 14,140,227 bushels from 1,038,507 acres or 13.6 bushels per acre; the flax at 8,030,633 bushels from 336,858 acres, or 8.2 per acre.—U. S. Consul at Regina.

Increased Milk Production
—and a better grade of milk

MORE and richer milk is well worth trying for. It means more money on the profit side of dairying. And it is far from being just a dream. In every herd there are certain cows that are not yielding up to capacity, just because of some reduced vitality of genital or digestive organs—some sluggish condition of the milk-making organism that proper medicinal aid would quickly correct.

It is just such conditions—very common to hard-worked milch cows—that Kow-Kare is able to clear up, because this famous cow medicine has medical properties that act directly on the organs of production and reproduction making them function as nature intended. Besides effectively preventing the ailments that make cows unprofitable, Kow-Kare has a nation-wide reputation as a reliable remedy in the treatment of Barrenness, Abortion, Retained Afterbirth, Scouring, Bunches, Milk Fever, Loss of Appetite, etc.

Play safe; know what to do when a cow is sick. Send for our free book on cow ailments, "The Home Cow Doctor." It tells the right treatment for various ailments, and has a wealth of information valuable to cow owners.

Kow-Kare is sold by general stores, feed dealers and druggists, at the new reduced prices—45c and \$1.25

Dairy Association Co., Inc.,
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"Penny-a-day
Prevention."

The cheapest health insurance you can invest in is to use Kow-Kare regularly a part of every week during the winter to keep the assimilation and digestion in good order and throw off disease. Many of the most serious disorders that arise during calving period can be prevented by using Kow-Kare for a couple of weeks before and after. Don't overlook this suggestion.



Grain Growers Seek Reason for Price Declines

Senate Resolution would Authorize Federal Trade Commission to Make Investigation

NOW THAT two-thirds of the 1921 grain crop is out of the farmers' hands the U. S. Grain Growers' Inc., wants the Federal Trade Commission to investigate the reasons why prices have gone down so drastically. This is an excellent idea. It gives the Grain Growers, Inc., and the Farm Bureau a chance to get a little favorable publicity at a time when it will come in handy, but so far as doing the farmers very much good, it comes ninety days too late. However, the Business Farmer is for it and every farmer ought to be for it, and if he reads this article through to the end he will find out how he can help bring about the investigation.

This publication was one of many which was fooled for a time by the cry of "falling exports" as an excuse for falling prices. But not for long. It made a little investigation on its own account and discovered that farm products were going out of the country at a tremendous rate. So while other farm papers and farm organizations were bewailing the lack of export demand and imploring the re-birth of the War Finance Corporation, the Business Farmer published the facts, and showed in its August 27th issue that grain exports for 1921 were exceeding all records. In that issue we said:

"If anybody tells you that the exports of American food products are dropping off, and therefore prices must go lower, don't believe him. This caution is given because certain speculative interests who want to see grain prices go lower are trying to lead farmers to believe that the export business developed during the war has been shattered. It is true that there is a slight decline in the quantity exported this year of certain food products as compared with those of last year, but these are more than offset by the huge increase in exports of wheat and corn."

How strikingly similar are the words of Pres. Gustafson of the U. S. G. G., Inc., three and a half months later when he says:

"At the same time that wheat prices are being hammered down to the dollar mark and grain growers are being led to believe that a weakened foreign demand will not require a normal ex-

How Our Wheat Exports Have "Declined"

The following official U. S. Department of Commerce reports are for the first ten months of each year named:

Average exports, 1909-14	60,588,884
1920	160,348,814
1921	255,806,737

portable surplus, we find that more wheat has actually been exported than ever before."

Responsibility for the bearing of the market with false statistics and stories is laid at the door of the grain exchange and those who speculate on the market.

"On November 3rd," said Mr. Gustafson, "when wheat sold at 99 cents a bushel in the Chicago market—the first time in five years that wheat fell below the dollar mark—the price was driven down during a hectic day of wild trading. James A. Patten, grain king, stood on the side lines in the Chicago Board of Trade. A newspaper reporter interviewed him. 'Wheat won't stop at a dollar,' Patten said. 'It will go down much further. There isn't any consumptive demand to bolster up the market—nothing to hold up the price. European credit is shot—so poor that we cannot look for an export demand to hold up the market!'"

"That is the statement that has been repeated again and again by the market makers, copies in grain trade journals and market reports."

"Grain exchanges held up the same bugaboo of decreased exports after July, 1920, and offered it as an excuse of rapidly declining prices of grain during the harvest period of that year."

When the year was done the official government figures show that a total of 307,394,000 bushels of wheat and wheat flour were exported in 1920, as compared to the average exports of 227,998,600 bushels of wheat and wheat flour for the five war years of 1915-1919 inclusive. If the ratio of 1921 exports are continued to the close of the year, the total exports of wheat and wheat flour will exceed 350,000,000 bushels."

Gustafson charges that the present market is a "one-man market" influenced to a large extent by an operator who, "in addition to being a buyer, is also an elevator warehouseman, a shipper, a manufacturer of grain food

products, a miller and an exporter." In support of his contention that the market has been a manipulated affair this year to say nothing of previous years, Mr. Gustafson quotes as follows from a letter alleged to have passed between a man on the "inside" of the market and a prominent grain dealer:

"There was no reason except the 'smashing process' to break the December option in Chicago in two weeks from \$2.75 to \$2.06 because all the while, every day, more wheat was being sold to Europe than was being bought from the country. The export sales were limited only by prudence on the part of the exporters."

In view of these alleged facts Mr. Gustafson believes that the Federal Trade Commission should conduct an investigation. A resolution was introduced in the Senate on August 16th to authorize such an investigation, but it got buried in a committee. This resolution provides that

"The Federal Trade Commission be and hereby is authorized and directed to investigate, beginning with the harvest of the 1919 grain crop, the margins between farm and export prices; the freight and other costs of handling; the profits or losses of the principal exporting firms, and corporations and their subsidiary or allied companies and firms; all the facts concerning market manipulations, if any, in connection with large export transactions or otherwise; the organization, ownership, control, interrelationship, foreign subsidiaries, agencies, or connections of the firms engaged in the export of grain, including the extent of their control of the facilities used by them; the organization, methods of operation and agencies, used by foreign buyers of grain in this country."

How Farmers Can Help

For a long time we have been curious to know what "happens in the dark" after products have left the farmers' hands. Now is our chance to take a peep. But it will take some pressure to get the resolution through congress, so every farmer who wants to see the "inside" of the grain trade practices is requested to write his senator and congressman to use their influence to secure an immediate vote on Senate Resolution, No. 133.

State Hunting Laws Tell When, What and How Wild Game May be Killed

EACH SESSION of the legislature makes certain important, and usually wise changes in the laws governing the protection of wild game in the state. It is difficult for the average person to keep informed of these changes, and consequently law-respecting persons in pursuit of game are likely to infringe upon some new law, run into the arms of a game warden and find themselves in court. Ignorance of the law is no excuse for its violation, so it is best to be informed and avoid breaking laws, and suffering penalties.

That there is wide-spread ignorance of the law and a real desire to observe the letter of the law is shown by the number of inquiries received recently by the Business Farmer upon when, what and how wild game may be killed. Some of these questions with their answers are published below for the sake of the many who find it necessary to protect their property, to kill for food, or who love to hunt for sport's sake.

Who May Hunt Without License?

Can anyone who hasn't a hunting license get a bounty on weasel, mink, rats, etc., if they shoot them when they are after their chickens? Can anyone use a ferret to hunt rats in their hen coop and get a bounty on rats killed? How much is the bounty on weasel and rats? Is there a bounty given on mink and how much is it? What is a mink hide worth? Can anyone be fined for hunting without a license when the animal

is killing their chickens? Do you know of anyone who has ferrets for sale?—Old Subscriber, Hillsdale, Mich.

The object of a bounty is to encourage the destruction of certain animals. Therefore, there is no restriction upon the method you may employ to hunt and kill animals on which there is a bounty. You do not have to have a license to hunt weasel, rats, woodchucks, crows, hawks, certain kinds of owls, or English sparrows. No matter how you kill them or under what circumstances you are entitled to receive a bounty which will be paid by the clerk of the township in which you reside. The bounty on weasel is twenty-five cents; on rats, ten cents. There is no bounty on mink. The mink is a protected animal which cannot lawfully be killed from and including the first day of April to and including the thirty-first day of October. A mink hide is worth from \$2 to \$5 depending upon size and quality. It is lawful for any citizen to hunt upon his own premises (on which he resides) any non-protected animal without a license. He may not kill a protected animal during the closed season even though it is destroying property unless permitted by the state game, fish and forest fire commissioner who is authorized to issue a permit for such killing upon receipt of proof that the animal is destroying or is liable to destroy his property. The fur of animals taken under permit must be turned over to the state game, fish and forest fire commissioner. Who can provide this reader with a ferret?

Unlawful to Destroy Holes

A has a farm with a pond on it in which muskrats are digging holes all around the banks and digging the

ground full of holes. Has A any right to let B come in and catch these rats by destroying their holes if he does not wish to do it himself?—W. C., Lapeer, Mich.

Section 359 of the compiled game laws provides that it shall be unlawful at any time for any person to destroy, disturb or molest any beaver, skunk, muskrat or rabbit house, hole or other excavation which may be used or occupied by such game or fur-bearing animals, or at any time set any trap within six feet of a muskrat house or hole. To kill a muskrat during the closed season which is the same as for mink one must prove that the muskrat is doing damage or is liable to do damage to property and secure a permit from the state game, fish and forest fire commissioner as described in a preceding paragraph.

When Ferrets May Be Used

Is it a fact that a township may decide by vote whether or not it shall be legal to use ferrets in hunting rabbits. If so, how should one proceed to bring the question before the voters?—G. N., Decatur, Mich.

Yes, section 367 of the compiled game laws for 1921, provide that "it shall be lawful to make use of a ferret or guinea pig or any other rodent for the purpose of hunting * * * rabbits in any township in this state, where in a majority of the electors * * *" so decide. Upon the filing of petitions signed by not less than twenty voters of the township with the clerk of the township, the board shall order the question submitted to a vote of the people at the next regular election, and a majority vote will decide the question.

Farmers may also use ferrets for killing rabbits upon securing a permit from the department of conservation.

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War Referendum

SPEAKING at Indianapolis on Sept. 4th, 1919, President Wilson said: "If there had been nine days of discussion Germany would not have gone to war. If there had been nine days upon which to bear the opinion of the world, the judgement of mankind upon the purposes of those governments, they never would have dared to execute those purposes".

In other words, there would have been no war if in every nation concerned the people themselves had been given an opportunity to express themselves. This is the thought which has prompted Sen. Ladd of North Dakota to introduce a resolution for the amending of the Constitution depriving Congress of the power to declare war except in case of actual invasion, without the expressed approval of a majority of the voters.

Sen. Ladd predicts himself that his resolution will not be adopted. The congress of the United States is still a slave to tradition. The mere suggestion of taking away from them the "privilege" of declaring war is in the opinion of many congressmen quite too impertinent to merit serious consideration.

But what is there so startling or impractical about such an idea? If the nations are really sincere when they say they want to bring an end to warfare why should they blind themselves to the most obvious methods of doing it? It is safe to say that if the kings and kaisers, presidents and potentates, statesmen, military autocrats and others who declare war and keep alive the war spirit had to bare their own breasts to the swords of the enemy, there would be fewer causes for war and less actual warfare. It is a magnificent thing to fight for a principle, but the appraisal of the principle and the zeal to defend it are usually in direct proportion to the sacrifice which its defense incurs. And how strikingly true this is when it comes to war.

The world will never be entirely free of international disputes. Every nation must needs have its diplomats to write notes and arbitrate and peaceably adjust if possible its differences with other nations. But even the wisest of statesmen are prone to mistakes and passion and when their failure at peaceful adjudication leads the nation which they represent to the brink of war, it is then time for the people to step in and review the evidence. How many, many times in the past would wars have been averted had the people been given time for deliberation and power to enforce their mandates.

Service vs. Profits

THE E. L. WELLMAN Company of Grand Rapids has filed a protest against the Pere Marquette's proposal to abandon

three of its short lines in Montcalm and Ionia profit. The Wellman Company has a number of elevators on the lines in question which would be rendered virtually worthless should the contemplated action be carried out. Nor can service on these roads be discontinued without serious loss and inconvenience to thousands of farm folks who depend upon them for transportation of farm products.

The Pere Marquette quite properly insists that it should not be forced to run its lines at a loss for an indefinite time. For a government to impose such conditions upon private capital would be the very height of autocracy. On the other hand those who were attracted by the transportation facilities offered by these lines of railways to invest their money in farms and other business enterprises in the sections served are entitled to consideration. It would be as much an infringement of their rights as American citizens to destroy their avenues of transportation as it would be to compel the owners of such avenues to conduct them at a loss.

In this situation we find the most potent argument for government ownership of rail ways, upon the each for all and all for each theory of popular government. The government, being of and for the people could not discriminate against one section of the country in favor of another merely because the roads lost money in one and made money in the other. The principle is exactly the same which is recognized in the universal service of the postal department, of post roads, schools, etc. Money that is expended by the government in the building and maintenance of harbors is of direct benefit to only a comparatively few, but the cost is borne by the entire country. Why should not this principle of service as against profits be applied to the railroads?

The Bond and Mortgage Company

"Will you please inform me as to whether the Lincoln Bond and Mortgage Company, a Delaware corporation, located in Detroit, is a reliable company and safe for investment? I am a school teacher and am thinking of investing some money in the company."—E. D., Durand, Michigan.

THIS IS one of scores of letters we have received in recent months concerning the stock of bond and mortgage companies. We have gone to great pains to investigate these concerns,—the standing of the promoters, the nature of business carried on, the prospects for profit-earning, etc. In the majority of cases we find that these companies are backed by men of high standing in the state and community. Generally the nature of the business is the purchase of land contracts, the underwriting of construction projects, and other similar objects which the banks are unable to finance either because of lack of funds or the inhibition of the banking laws. The only question about these firms which should receive particular scrutiny is their ability to earn the dividends promised in the sale of their stocks.

In the first place, there is a considerable risk involved in the kind of business transacted. Otherwise the state banking laws would offer no objection to the banks handling this kind of paper or making this kind

of investment. Granted that all business involves a risk to which the purchaser of stock is liable, it would appear upon investigation and good authority that the risk involved by bond and mortgage companies is a seasonal risk and that it is omnipresent at this particular time.

By way of explanation: When capital is plentiful and banks have more money than they can loan, construction projects are easily financed. The ease with which they are financed and the ease with which real estate can be bought and sold results in a speculative tendency which puts prices up. The country passed through just such a period in 1919 and 1920. Millions of dollars have been sunk in land and buildings at inflated values. When the day of reckoning came prices went down and they are still going. Naturally the purchasers of real estate and of the securities of apartments, office buildings, etc., find themselves in the possession of investments which have suffered considerable shrinkage in value.

During a period of money stringency when the demand for money greatly exceeds the supply as has been the case the past year, bond and mortgage companies come into existence in large numbers and flourish like a green bay tree as long as the stringency lasts, but when money is easier again, they find it more difficult to earn their contemplated profits. This view of the prospects of these concerns was laid before Dr. Friday, professor of economics at Ann Arbor, who replies as follows:

"Your analysis of the situation of the bond and mortgage companies seems to me to be thoroughly sound. These companies have been able to do a large business and make considerable profits during the past few years, but I agree with you that with the falling interest rates and the easier money market the field of these companies will be much restricted and their profits considerably lessened."

These are facts which should be remembered when anyone is approached to invest in the stocks of these concerns.

Another Good Man Gone Wrong

WILLIAM BOUCK, former master of the Washington State Grange, has been expelled from the National Grange. A review of the evidence shows that this action was necessary in order to uphold the dignity and jurisdiction of the National Grange.

When we first learned of the famous Bouck case we were inclined to sympathize with Bouck. He is a man of strong convictions and a fighter. He rebelled against the dictums of the National Grange on grounds which we thought were well taken. But like many another good man, he lost his head. Following his removal from the Washington State Grange, he, with the aid of some sympathizers, effected an entirely separate organization which sought to supersede and displace the regularly constituted State Grange. By this move he lost the good will of many members, and the principles for which he had fought no longer seemed quite so worthy.

So do good men go astray and their cause suffer. Progress and reform are forever paying the penalties of egotistical, impractical leadership.

"Buy a Bushel of Health"

GREAT AND wonderful work is being done by the National Tuberculosis Association and its state branches in the eradication of tuberculosis. It is estimated that there are one million active cases of tuberculosis in the United States at the present time and that at least 132,000 of these will have died during the current year. This is a terrible toll to pay to a disease which can in large measure be prevented through the right kind of educational methods such as are being pursued by this association. Farmers can help in the war against tuberculosis in two very practical ways. One of them is to keep no cow and sell no milk that is tubercular, and the other is to purchase a few of the little Christmas seals which are offered for sale at each Christmas season to help finance the work of the association.



"LITTLE RED RIDING HOOD" HAS LEARNED SOMETHING, AND NOW CARRIES A GUN
From the Tribune (Sioux City, Ia.)

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. 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. The next morning Challoner puts Miki and Neewa in the front end of his canoe and starts down the river. As they are nearing a waterfall the pup and the cub fight and roll out of the canoe. Challoner thinks the two will be killed but, unknown to him they arrive at the foot of the falls still alive. Coming out on the shore they start off through the woods. Neewa discovers a wasp's nest and tears it down. Neewa and Miki are badly stung but continue on their journey. They are attacked by a great owl but escape. They watch wolves kill a caribou and when the wolves leave they feast on the remains. With full stomachs they have a play and upon returning find two owls that have taken possession of the carcass are being attacked by a wolf. Neewa continues to feast on the carcass of the caribou and Miki leaves him to seek fresh meat.

(Continued from last week)

CHAPTER TEN

A QUARTER of a mile away Miki had heard the clamor of the crows. But he was in no humor to turn back, even had he guessed that Neewa was in need of his help. He was hungry from long fasting and, for the present his disposition had taken a decided turn. He was in a mood to tackle anything in the eating line, no matter how big, but he was a good mile from the dip in the side of the ridge before he found even a crawfish. He crunched this down, shell and all. It helped to take the bad taste out of his mouth.

The day was destined to hold for him still another unforgettable event in his life. Now that he was alone the memory of his master was not so vague as it had been yesterday, and the days before. Brain-pictures came back to him more vividly as the morning lengthened into afternoon, bridging slowly but surely the gulf that Neewa's comradeship had wrought. For a time the exciting thrill of his adventure was gone. Half a dozen times he hesitated on the point of turning back to Neewa. It was hunger that always drove him on a little farther. He found two more crawfish. Then the creek deepened and its water ran slowly, and was darker. Twice he chased old rabbits that got away from him easily. Once he came within an ace of catching a young one. Frequently a partridge rose with a thunder of wings. He saw moose-birds, and jays and many squirrels. All about him was meat which it was impossible for him to catch. Then fortune turned his way. Poking his head into the end of a hollow log he cornered a rabbit so completely that there was no escape. During the next few minutes he indulged in the first square meal he had eaten in three days.

So absorbed was he in his feast that he was unconscious of a new arrival on the scene. He did not hear the coming of Oochak the fisher-cat; nor, for a few moments, did he smell him. It was not in Oochak's nature to make a disturbance. He was by birth and instinct a valiant hunter and a gentleman, and when he saw Miki (whom he took to be a young wolf) feeding on a fresh kill, he made no move to demand a share for himself. Nor did he run away. He would undoubtedly have continued on his way very soon if Miki had not finally sensed his presence and faced him.

Oochak had come from the other side of the log and stood not more than six feet distant. To one who knew as little of his history as Miki there was nothing at all ferocious about him. He was shaped like his cousins, the weasel, the mink, and the skunk. He was about half as high as Miki, and fully as long, so that his two pairs of short legs seemed somewhat out of place, as on a dachshund. He probably weighed between eight and ten pounds, had a bullet head, almost no ears, and atrocious whiskers. Also he had a bushy tail and snapping little eyes that seemed to bore clean through whatever he looked at. To Miki his

accidental presence was a threat and a challenge. Besides, Oochak looked like an easy victim if it came to a fight. So he pulled back his lips and snarled.

Oochak accepted this as an invitation for him to move on, and being a gentleman who respected other people's preserves he made his apologies by beginning a velvet footed exit. This was too much for Miki who had yet to learn the etiquette of the forest trails. Oochak was afraid of him. He was running away! With a triumphant yelp Miki took after him. After all, it was simply a mistake in judgment. (Many two-footer animals with bigger brains than Miki's had made similar mistakes.) For Oochak, attending always to his own business, was, for his size and weight, the greatest little fighter in North America.

Just what happened in the one minute that followed his assault Miki would never be able quite to understand. It was not in reality a fight; it was a one-sided immolation, a massacre. His first impression was that he had tackled a dozen Oochaks instead of one. Beyond that first impression his mind did not work, nor did his eyes visualize. He was whipped as he would never be whipped again in his life. He was cut and bruised and bitten; he was strangled and stabbed; he was so utterly mauled that for a space after Oochak had gone he continued to rake the air with his paws, unconscious of the fact that the affair was over. When he opened his eyes and found himself alone, he slunk into the hollow log where he had cornered the rabbit.

In there he lay a good half hour, trying hard to comprehend just what had happened. The sun was setting when he dragged himself out. He limped. His one good ear was bitten clean through. There were bare spots on his hide where Oochak had scraped the hair off. His bones ached, his throat was sore, and there was a lump over one eye. He looked longingly back over the "home" trail. Up there was Neewa. With the lengthening shadows of the day's end a great loneliness crept upon him and a desire to turn back to his comrade. But Oochak had gone that way—and he did not want to meet Oochak again.

He wandered a little farther south and east, perhaps a quarter of a mile, before the sun disappeared entirely. In the thickening gloom of twilight he struck the Big Portage between the Beaver and the Loon.

It was not a trail. Only at rare intervals did wandering voyageurs coming down from the north make use of it in their passage from one waterway to the other. Three or four times a year at the most would a wolf have caught the scent of man in it. It was there tonight, so fresh that Miki stopped when he came to it as if another Oochak had risen before him. For a space he was turned into the rigidity of rock by a single overwhelming emotion. All other things were forgotten in the fact that he had struck the trail of a man—and, therefore, the trail of Challoner, his master. He began to follow it—slowly at first, as if fear-

(Continued on page 11)



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EDITED BY A. R. HARDING

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QUESTIONS ANSWERED

RETANNING ANGORA ROBE

I have a very fine fur baby robe for baby cutter of Angora goat that a friend of mine washed for me shrinking and about ruining it because it is so hard and small. Could I tan it over and stretch over so as to make it larger?—Mrs. Wm. H. Moore, Antrim County, Mich.

Dampen the flesh side and then apply the following: Mix together one pound pulverized alum, half a pound salt petre and twice the bulk of the two of wheat bran. Spread this evenly over the skin one-fourth inch thick; now fold the skin, wool side out, and let lie in a cool (but not freezing) place several days, the longer the better, so long as the place is cool; say a week. Now scrape off the mixture, dry out the skin and work until soft. The working is important and the easiest way if the skin is large enough, is to take a smooth sharp-edge board, nail it to a bench or tree, supporting the outside end with an upright, and with a person holding each end draw back and forth across the edge of the board until the skin is dry and soft. Let the skin dry a while, then rub a while. If this is not carried out the skin will look like an old battered can. In other words work, work, work over the board while drying.

Ready to Help

"Beg pardon, sir, but could you tell me if there is a man living in this hotel with one eye named John Hardy?"
"Maybe I could help you out. Do you know the name of his other eye?"
Black and Blue Jay.

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.)

YOU ARE ENTITLED TO WOOL PROFITS

I noticed in a recent issue of your paper where some wool growers are getting returns as promised by the government on 1918 wool that we were forced to sell at their price. Am enclosing a receipt for part of my 1918 clip which I sold as early as possible as I wanted to help in any way that I could. No matter how small, and trusted that I would get a final settlement. However, after learning of the unsuccessful efforts of others I never tried to get it, thinking that it was just another one of those too frequent deals where the farmers got "chopped" and are told to take it and look pleasant.

On the same date that this wool was sold I sold about twice as much to Kalamazoo Hide and Fur Co. Have lost their receipt but think I could get particulars from them now. Would it do any good? The wool that this notation covers was sold to Appledorn Hide and Fur Co.

If you think anything can be done with it would appreciate it; also if you think it would do any good I will get receipt and the particulars of the other lot. If you can do anything on this rest assured that you will get my subscription for at least five years and we will change the meaning of M. B. F. in this home to My Best Friend.

Needless to say we need the cash as we are like ALL farmers we know of and are not breaking our backs or selling our hands carrying our money around. However we are still eating and living and will be for some time we hope.—W. I. R., Kendall, Mich.

If you sold your wool at the price fixed by the government you are certainly entitled to share in the profits which were made upon it. I would suggest that you and all other farmers who sold wool in 1918 at the government price send a detailed statement of the sale, including date of sale, name and address of purchaser, amount and grade sold, and price received, to the Wool Division, U. S. Department of Agriculture, Washington, D. C. It has taken the government a long time to collect these profits, but they are now available for distribution, and those who are entitled to receive the profits should not delay in getting in their applications.

RATIONS FOR DAIRY COW

Please advise me through your paper of the best rations for a dairy cow where there is no silo but plenty of corn fodder, clover hay, oats and corn. My brother would like to know the ration where there is a silo. He also has the same feeds I have with the exception of the clover hay.—E. C., Marcellus, Mich.

I would offer the following as a ration for one who has no silo but has clover hay, oats and corn. You also wish to have a ration where there is a silo but no clover hay. The principal difference in a ration with silage fed as compared to one where silage is not fed is that where silage is fed there will be a less amount of hay needed. Silage saves on the roughage and in addition offers a succulent food which is of benefit to the cow and aids in her digestion.

Without Silage

Give the cow all the clover hay she wants night and morning. Let her pick over what corn fodder she wants to during the day. For a grain mixture I would recommend the following: 4 parts ground corn; 4 parts ground oats; 1 part linseed or cottonseed meal. Feed one pound of this mixture for each four pounds of milk produced per day.—O. E. Reed, Professor of Dairy Husbandry, M. A. C.

INSURANCE

Would like to know how my fire insurance should be made out? In the spring I bought a farm knowing all the time the buildings should be insured but neglected to insure them. A short time ago the lady I bought the place from came to me and told me the insurance had been paid by her up to Aug. 1st and then she renewed the insurance, again feeling sure we would pay \$8, the price of the yearling premium. And we never saw any insurance papers at all. She wanted us to pay her \$8 and leave the policy just as it was when she owned the place.—E. A. F., Tawas City, Mich.

Under the terms of your contract if you did not have the property insured the other party had a right to procure insurance and have it added to the contract. The insurance policy should be made payable to you and to the seller as your interest

may appear. The application for the insurance should state that you are a purchaser on contract. In case of fire, seller would have the right to have the insurance applied in the contract if it is so provided in the contract. If it is provided in the contract that the money shall be expended in replacing a burned building you would have a right to enforce that agreement.—Legal Editor.

HAVE YOU DEALT WITH THIS FIRM?

Do you know of the Nehall Market Co., 2602 Orleans St., Detroit, Mich., is a reliable firm? They sent me their prices and shipping tags for live poultry. I shipped hens to Faltis Poultry Co., 54 W. Elizabeth St., one crate last spring and one crate this fall. My hens were one year old, large white Wyandottes, averaged five pounds apiece. They quoted them as small hens and four of them smooth legged ones as chicks. They allowed me 187 pounds gross weight and out of that they took 83 pounds tare. Our crate weighed 30 pounds. They allowed me 18 cents for the ones quoted as small hens and 20 cents for the four classed as chicks. On the same day I shipped them the Detroit Free Press quoted large hens 26 cents and our local buyer was paying 20 cents for large old hens. Last spring I was not used any better in regard to weight or price on the shipment I made them. Am writing this so to warn others and to get your advice on some reliable firm. Thanking you in advance for any advice you can give.—J. C. L., Ingham County, Mich.

Editor's Note: We have had no complaints against this firm. Readers who have had dealings with them are requested to write their experiences.)

COLLECTING DEBT FROM BONUS OR PENSION

I wish to know whether a debt can be collected from the proceeds of a soldier's bonus or pension.—Subscriber, Michigan.

Neither the soldier's bonus nor pension are subject to attachment or garnishment before they are delivered to the soldier. After he receives the money he may place it where it would become subject to garnishment but so long as it remains distinct as a bonus or pension it is subject neither to garnishment nor attachment.—Legal Editor.

PROFITS ON FARM BUREAU BLANKETS

Some of our neighbors have received money lately for their 1918 wool. Can you tell me how to get ours and who pays it? We sold 343 pounds in 1918. In 1920 we shipped to the Farm Bureau at Lansing 295 pounds of wool. A short time ago we received the last of our money for it, which made us \$36.56. The Farm Bureau made a lot of that wool up in blankets and cloth, didn't they make any money in doing this? If they did who got it, surely we didn't. We take several farm papers but find the M. B. F. best of all.—D. B. M. & Son, Clifford, Mich.

Regarding the profits of the Farm Bureau on wool products, Mr. Jas. N. McBride of the Wool Department writes as follows:

There has been approximately \$15,000 accruing to the wool pool in the manufacture of wool into blankets, fabrics, etc.

The amount accruing from the season of 1920 was apportioned in the settlement. The amount that is on hand and in process of accumulation is the property of the wool pool and will be so distributed.

A considerable portion of the profit goes directly to the wool pool in the higher price charged and credited to the wool grower when it goes into manufacture. For example, we can use a grade of wool in horse blankets that is practically unsaleable. This wool is strong and is admirably adapted to these purposes, but has been stained and is coarse. It would be worth but a few cents per pound otherwise.

In this way, the profits to the wool pool are very much larger indirectly than otherwise.—James N. McBride.

ASSESSING FOR STATE REWARD ROADS

Please tell me what amount can they assess real estate for state reward roads for first, second, third and fourth benefits and benefits at large and what are the distances of first, second, third and fourth benefits?—Subscriber, Hillsdale County, Mich.

There is no limitation placed on the amount of property may be assessed for special benefits and as for classifications, there are none, the theory of the assessment law being that property shall be assessed ac-

(Continued on page 10)

What the Neighbors Say

ABOLISH INTEREST RATES

I HAVE read much about the high cost of living, co-operation, cutting out the middleman, etc., but as yet no one seems to offer anything better.

Now I would like to know what a dollar ever did to create another dollar. We will say I buy a farm, pay \$10,000 down, borrow \$10,000 more of a money lender at 7 per cent, give a mortgage back on the farm. This mortgage is first recorded then is locked up in some vault for a year. Then I have to pay \$700 interest money. Now I did not borrow this money to carry around in my pocket, never even took it out of circulation, but still I am fined \$700 annually for it until it becomes a burden to myself and family. And the chances are more than even after 20 years of annual interest payments of \$700 each the farm is sold on a mortgage.

Now why can't the government attend to all this circulation of money instead of allowing high finance bankers, bonding and trust companies to do it? Let the government attend to all this through the post offices of our nation, at or near cost and no grafting allowed. As it is our great nation is getting into debt so fast that the debt has been doubling about every 12 to 15 years until I believe I am safe in saying the debt the American people are today trying to carry exceed 200 billion dollars. How many more doubles do you think we can carry?

Capital has opened up every avenue of investment the human mind can conceive of and are still figuring. Understand, I believe any rate of interest is too high if the debt gets large enough. When it costs our 108 million people 12 to 15 billion dollars a year to circulate less than 6 billion dollars there surely is something wrong. My remedy would be to let the government take over these securities and take care of them and give the people a chance to pay them and perhaps after a few generations we might be free from debt.—Wm. R. Smalley, Wexford County, Mich.

We're for anything that will cut out the grafters and make it easier for the average man to make an honest living. Honestly, I can't think of a single objection to your scheme, only we all know that it can never, never be adopted. Not only would the great money-lending agencies you speak of spend their last dollar to prevent such a destruction of business, but you would also encounter the opposition of millions of small investors who have money drawing interest in savings accounts.—Editor.

WAR FINANCE CORPORATION

WITH REFERENCE to the agricultural billion dollar appropriation do you think the farmers of this country can afford a proposition of this nature; with all it incurs in the way of taxable expense. Government aid always means taxes. Appropriations for the agricultural

interests means ultimately, that the manufacturers and business interests will line up for their share at the government table.

Give the farmer a square deal in the way of decent prices for the products of his investment in land, time and labor. Give him a square deal on the buying end as well. And he'll need no paternal support from the government.

Let the Farm Bureau, the National Grain Growers' Association and all the kindred interests instituted by farmers stand as one unit nation-wide. Then and not until then, will the farmer realize on his cherished hopes and dreams. As Teddy Roosevelt once said, "This will not be a good country for any of us to live in, unless it's a good country for all of us." And in this connection the prosperity of the farmer means good times for all. And the sooner the profiteering interests in this country read the hand writing on the wall, the sooner they'll hasten the day.—Harvey Power, Newaygo County, Mich.

There is no appropriation involved in the War Finance Corporation Law. Congress has simply set aside a sum of money to be used as a revolving fund, which will be loaned to farmers at legal rates of interest. Instead of costing the government anything, the law ought to yield a profit, for the interest charged by the government is higher than the interest which the government pays upon its own obligations. In this case the government gets part of the profit which would otherwise go to banks. Banks pay four per cent interest on savings accounts which they loan at seven. But for the funds of the War Finance Corporation the banks must pay five per cent interest. We would have no objection to the government lending its credit in this manner upon ample security, to any kind of business which cannot be satisfactorily taken care of through the regular banking channels. The mere fact that agriculture should be in a position where it requires such a huge sum of money to finance it until another crop is an indictment of the miserly returns which farmers get for their labor. The various farm agencies, working together, as you suggest, will some day find the solution to the present inequalities.—Editor.

A FRIEND OF THE NON-PARTISAN LEAGUE

WE CAME to Michigan 2 years ago from North Dakota and bought land here and since then the farmer has been handed the worst end of the deal (as in pre-war days) until the price of our land is double what it was when we first bought it. Taxes were high last year and from watching the various appropriations to the state institutions, each one absolutely necessary, and the many miles of good roads made this year, absolutely necessary too, they can not be lower. It seems that a new commission ought to be formed whose members are soil experts and whose duty it would be to analyze Michigan soil and see if it were possible to produce these improvement appropriations and leave a scant living for the producer. Of

(Continued on page 10)

Do You Want BIG MONEY For YOUR Furs?

Sure you do! How can you get it? That's up to you! All you have to do is ship to the right house. Scores of thousands of trappers all over North America have learned from experience that a sure way to get big money for furs is to ship direct to

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an honest, reliable, responsible, safe fur house—a house that has been satisfying fur shippers for more than thirty-eight years—a house that will always give you an honest grading, pay you the highest market price on every skin and send your returns quickly. "SHUBERT" is a mighty good house for you to do business with. You take no risk—"THE SHUBERT GUARANTEE" protects you absolutely. We want furs—QUICK—and are paying big prices, so don't wait another minute—quick action means big money for you.

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EXHIBIT OF A. B. SHUBERT, INC., AT CHICAGO PAGEANT OF PROGRESS
The exhibit that probably attracted more attention at the big Pageant of Progress held in Chicago last summer, was that of A. B. Shubert, Inc., the Chicago raw fur house. Prepared with much care and the aisles surrounding it continually thronged.

Automobile Insurance

Congested Traffic Increases Accidents

The Citizens' Mutual Automobile Insurance Company of Howell, Michigan, is now finishing its seventh season of success and has paid out a total of \$948,061.09 for claims. In addition to this amount of payment, the company has paid adjusting expenses and attorney fees for adjusting over 7,000 claims. The company has been run on a conservative basis and has added to the surplus each year. The officers, agents and adjusters have had the experience to qualify them in assisting the policy holder when he suffers a loss.

The Company is well known to the automobile theft department in Detroit, Toledo, Chicago, Milwaukee, St. Louis, Indianapolis, Columbus, Buffalo, Cleveland, etc., and in case of the recovery of a Michigan car in any of those places is promptly notified. In case of an accident in which the policy holder becomes liable for serious personal injury or death, the officers and adjusters have had sufficient experience to handle the claim. On the other hand, the public realize that in case they have a just claim that is properly brought to the attention of the company that they can obtain prompt service without litigation or expense. In fact, automobile losses, as a rule, are complicated. The automobile owner should therefore select a company with experience, equipment and strength to take care of losses.

Many of the leading men of the state, including judges, lawyers, bankers, business men and farmers, are among our policy holders. In fact, the company had the first pick of the automobile owners of the state.

It is the object of the company to give reasonable rates and at the same time to create a sufficient surplus to meet requirements. If you are not insured, why not insure in the

Citizens Mutual Automobile Insurance Company
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Aspirin

Always say "Bayer"

Unless you see the name "Bayer" on tablets, you are not getting genuine Aspirin prescribed by physicians for 12 years and proved safe by millions. Directions in package. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylic acid

Read the Classified Ads in
M. B. F.'s Business Farmers' Exchange

The Farm Home A Department for the Women

Edited by MRS. GRACE NELMS JENNEY

CENTERPIECE FOR CHRISTMAS DINNER TABLE

"The earth has grown old with its burden of care
But at Christmas it always is young."

FOR THE centerpiece on the Christmas dinner table one may use a plum pudding made after this recipe.

Cut strips of cardboard about 24 inches in length and 3 inches wide and cross over each other and fasten the loose ends to a circle of cardboard, forming a shape like an inverted bowl, that is a half-sphere. Baste all very securely, then cover with cheese cloth very smoothly. This in turn cover with cotton batting or wadding. When ready to trim dust well with artificial snow and sprigs of holly, little figures of Santa, just a little bit of evergreen and a sprig of mistletoe. Place this in the center of your table and after dinner is all over lift off the pudding and underneath find a plum for each member of your family. It is easy to pick up a little favor for each one, a tiny box of mints for grandmother, a little desk calendar, a pencil for the boy who loves to draw, a rubber dolly, a good cigar, a package of life-savers. These are just hints. Many other things will suggest themselves. Much fun will be had and the whole affair should be kept a surprise. The little packages should all be done up in gay tissue paper, gold cord and ribbons.

These puddings are sold in the city stores and bring a big price. You can make one just as pretty at a very trifling cost.

One may take the top of an evergreen and make a tiny Christmas tree for the center of the table, having little packages on it, but it lacks the element of surprise that the other holds. Both should be trimmed to be very pretty and artistic.

SOME GOOD SUGGESTIONS

I ENJOY reading that which others have contributed to the Farm Home department of the Business Farmer and will write a few lines and send them in, perhaps I can help somebody along a little.

When you want to remove the old putty from a window sash heat an iron red hot and hold it on the putty and it will soften and come out a great deal easier.

This fall I made a tick for my little grandson's cradle and filled it with corn husks cut into shreds with a table fork.

It is coming time of the year when the farmers will butcher stock and put away their meat for next year. Last year in January we butchered a hog that weighed about four hundred pounds. We cold-packed seventy-nine quarts, using mostly one-half gallon fruit jars and we have five cans left. It has kept just as

T'HOUD KISSIN' HER GOOD-BYE

WUNST I was mad at Maw,
I don't remember why;
But I 'st walked right off to school
T'hou' kissin' her good-bye.

A big, ole lump came in my throat
An' purt near made me cry;
Fer me and Maw is awful friends
An' allus kiss good-bye.

An' might' near ever'thing I did
Went wrong, looked like to me;
I stabbed my toe, and tore my waist
An' fell and skinned my knee.

I missed in 'rithmetic an' lost
A chaunt to get up head,
An' in the spellin' class I left
A letter out of dead.

An' that ol' lump growed an' I says
"S'pose if Maw should die,
Right now, an' me a leavin' her
T'hou' kissin' her good-bye."

My, that's the longest mornin'
'At I ever spent, I know
It seemed like more'n fifty years
'Fore it was time to go.

An' never mind what happened
When I seen my maw, but I
'st guest I won't go 'way no more
T'hou' kissin' her good-bye,
—Contributed by Mrs. Byers, Hiawatha.

nice as fresh meat from the store, and only one can showed signs of mold. We will use the cold pack process again this year. It is a great saving of labor and fuel and we have fresh meat on hand which can be prepared for the table on short notice the whole year through. We packed the side meat in brine made of rock salt. The process of cold packing has been described so many times in the papers that it is not necessary to repeat it here.

We do not hear so much about the high cost of living now as we did a year or two ago but most of the farmers are feeling rather sore over the losses sustained as a result of the rapid decline of prices. It is just as essential to economize now as then in order to bridge over those losses. Some of our most successful farmers have gone down to ruin as a result of the low prices received for crops or stock that cost more than they got for them, but the greater portion are holding onto their homes.

I noticed that calicoes and percales that had polka dots or figures always wore out first; holes came where those spots were. I bought plain calico and found that it wore nearly twice as long as the figured goods and looks just as good; plain navy blue is my favorite color.

As this article is getting long I will bring it to a close, wishing all a merry Christmas and a Happy New Year.—Mrs. R. G. M., Bronson, Michigan.

CORRESPONDENTS' COLUMN

In answer to the letter of Mrs. R. H. of Kent County, I know of no attachment for hemstitching that is entirely successful. If any one else does we would be glad to hear from her.

The big machines are efficient but very expensive.

W. J. B. of Adrian: The answer to "The Bird with the Broken Pinion" which you so kindly sent me, was published during the early summer. When the poem was discussed at some length. You are right, the decision rests with someone higher in love and wisdom.

I am glad to keep the poem and it may sometime be called for again. The little story we will publish.

Mrs. D. F. W., Minneapolis: I think that numbers 3551, 3442, 3306, 3284, 3625 and 3700 would be attractive and perfectly suitable made up in serge. Be sure to have a long, loose waist line.

Molasses Cookies

I would like recipe for soft molasses cookies, published in a recent issue. Thanking you.—Mrs. W. M.

Do you wish the recipe that suggested the dough to be mixed up the night before? There have been several recipes for molasses cookies.

For the Study Club

As I am an interested reader especially of the Farm Home Department for the women of the Michigan Business Farmer I would like to have you answer these questions or give me more information. I belong to a study club and am asked to write a paper on the origin of Mother's Day. I haven't been able to find anything concerning the same among my readings. Also would you please name one or more famous singers and some books worth while. I hope I am not asking too much and I will close sending you a recipe for a Calumet Jelly Roll: 3 eggs beaten separately, 1 cup sugar, 2 level teaspoons of Calumet Baking Powder, 1 1-2 cups pastry flour, 1-2 cup warm water, flavor when done, spread quickly with jelly and roll in napkin.—Mrs. F. A. R.

Among the prominent singers of today will be found the names of:

Women: Galli Curci, Gluck, Matzenhauer, Henkel, Homer.
Men: Werrenrath, Martinelli, McCormack, Ruffo, Stracclari.

White Loaf Cake

We always welcome the M. B. F. in our home. I look forward to the women's department like a visit from an old friend. I can my corn the same as Mrs. R. S. only boil it three hours instead of two, and it keeps good and if a can happens to smell a little sour a pinch of soda

will help it. Will send white loaf cake recipe: 2 cups white sugar, 1-2 cup butter, scant, 1 cup milk, 3 cups flour, 2 teaspoons of baking powder, whites of 3 eggs beaten stiff. I always have good luck with this. Will some one please send recipe for home made sausages?—Mrs. E. E. Mc.

A New Marmalade

As I never have written to your most interesting column before I am going to send in a good recipe called "Pumpkin Marmalade."

Cook the pumpkin as for pies and put through a sieve of colander and for 2 pounds of pumpkin put 8 pounds of white sugar and the pulp and juice of 4 oranges and 4 lemons and cook until it is thick. Will keep in jelly tumblers and can either hot or cold.—Mrs. J. A. T.

CANDIES

French cream. Foundation of all cream: White of one egg, equal quantity of cold water, stir in XXX powdered or confectioners' sugar until you have it stiff enough to make into shape with the fingers. For walnut creams make into balls, press upon it a walnut carefully picked from shell; making ball flat on top and bottom. Any kind of nuts may be used.

Vanilla Caramels

2 cups granulated sugar, 2-3 cup sweet milk, filled with butter, not melted, 1 teaspoonful vanilla. Stir until it begins to boil; not again. Cook about 25 minutes, or until it turns a light brown. Pour out on buttered tin and when partly cooled mark off squares with a sharp knife.

Hickory Nut Candy

1 cup hickory nuts, 2 cups sugar, 1-2 cup water. Boil sugar and water until thick enough to spin a thread; flavor with vanilla or lemon. Set in cold water, stir quickly until white, then stir in nuts—put into tins. When nearly cold cut in squares.

Fudge

2 cups granulated sugar, 1-2 cup cream or rich milk, 2 squares unsweetened chocolate, butter size of egg, 1-2 teaspoon vanilla. Melt ingredients together. Let boil hard for just four minutes. Remove from fire and beat until thick. Pour into buttered tin.

Divinity Candy

3 cups granulated sugar, 1 cup Kara Korcee syrup, 1 cup hot water, whites of 3 eggs, beaten light, 1-3 pound nutmeats cut in pieces. Boil sugar, syrup and hot water until brittle in cold water, really hard. Let cool for 2 minutes, pour gradually over the beaten whites. Beat until stiff enough to form in pieces when dropped from spoon. Stir in nuts. Drop on waxed paper.

Turkish Delight

1 ounce sheet gelatine (6 sheets to one ounce), 1 cup cold water, 2 cups sugar, 1-2 cup water. Boil, add gelatine, boil slowly 20 seconds; add juice and rind of 1 orange and 1 lemon, boil up, then pour in tins, when cold cut in strips roll in powdered sugar and cut in squares. May be colored pink or green.

AIDS TO GOOD DRESSING

For Comfort, Appearance and Economy
All patterns cost 12c. Catalogue 25c. Please address orders to Pattern Department, care Mrs. Jenney.

Keep the date of your order and if your pattern is not received inside of ten days notify me at once giving date of order.

In a week or two I will publish braiding designs which may be ordered through this department.

There have been many requests for such designs, these have been chosen because they are artistic and not difficult. I am sure you will like them.

A Popular Style

2913. Here is a model that is serviceable for spring and fall. The collar may be rolled high, or turned down together with the fronts, in low neck outline. Serge, cheviot, gabardine, satin, silk, velvet and corduroy could be used for this model.

It is cut in 6 sizes: 6, 8, 10, 12, 14 and 16 years. Size 12 will require 4 yards of 44 inch material.



Popular, Comfortable Dress Style for the Growing Girl

Pattern 3753 is here attractively illustrated. The Pattern is cut in 3 sizes: 12, 14 and 16 years. A 14 year size requires 2 3-4 yards of 36 inch material for the dress and 2 1-4 yards of 32 inch material for the gumpie.

Figured gabardine is here combined with crepe de chine. Satin and serge, tricolette and organdy, silk and twill may be combined for this design.



The Children's Hour

MERRY CHRISTMAS!

The greeting falls from every tongue,
The dear old welcome words so sweet,
By far-off, angel chorus sung,
From baby lips in earthly street.
One message glad in heart and voice
Makes all the wide, wide earth rejoice:
"Peace on earth, good will to men!"
The Christ-child's birthday comes again.

DEAR CHILDREN: Little do most of us think or know when we greet a friend or relative with, "Merry Christmas" how old those two words are, how much they mean and how many times they have been said. They are wonderful words and I wish to send this greeting to you all, to the poor and rich people of foreign countries; in fact the entire world. But there are many who will not have a merry Christmas. They do not only live in the devastated crop areas of Europe but there are many in our own country, in our own neighborhood and I hope you will all offer a prayer to God on Christmas morning that such conditions will not be endured another Christmas, that 1922 will be a year of plenty so that all of the children of God may have a happy Christmas next year.

Want to have some fun Christmas morning and at the same time give pleasure to others? Alright. Gather the crumbs from the breakfast table and place them out-doors where the birds will find them, then sit by the window and watch them enjoy their Christmas breakfast. The little birds will be very grateful for the crumbs because everything is frozen and they have a hard time finding enough to eat during the winter.

When I told you last week about the birthday cards I received I had mislaid one and did not find it until after the paper was on the press. This card was from Lloyd and Louis Gugel, Ewart, Mich.—**UNCLE NED.**

OUR BOYS AND GIRLS

Dear Uncle Ned—I have been reading the Children's Hour for many months and finally could not resist writing. I live on a 280-acre farm, five miles from Gobleville. My father has forty-five head of registered Holstein cattle. I am thirteen years old and am in the ninth grade and have a birthday February 3rd. Pearl Dunn of Kendall must live quite near me, and her birthday is the same day as mine. If I have a twin, please let me know. I have two brothers younger than myself, both in the fifth grade. I lived in South Haven three years before moving here. It seems to me, a lot more girls write than boys. I think they're just a little timid, don't you? I have a riddle that I simply must tell you: Why didn't they play cards on Noah's Ark? Answer: Because Noah sat on the deck. I can hardly wait for the surprise the Doo Dads will bring us. Good luck to all.—Georgia E. Brown, R. 1, Gobleville, Mich.

Dear Uncle Ned—I am a girl ten years old and in the sixth grade. I have a sister six years old. I do not know which I like better, winter or summer. Summer we go to the lakes and plains and in the winter we can't.—Louise Lince, Box 71, Lupton, Mich.

Dear Uncle Ned—I am a boy fourteen years old and I am in the sixth grade. I like to go to school. We live on a farm of one hundred and twenty acres. We have four horses and four cows. My father goes hunting deer every fall up to Ontonagon and he brings home a deer every time. We take the M. B. F. and like it very well. Your friend, Guy Hardy, Turner, Michigan.

Dear Uncle Ned—I am 14 years old the 15th of April and if I have a twin I would be delighted to hear from her or him and I would answer immediately. We had a spelling contest this afternoon with the eighth grade from another school and our eighth grade won. I am in the eighth grade. My brother is writing to a girl twin which I found in the M. B. F. One of our horses was hurt tonight. My brother was leading him out to water and he jerked away from him and tried to jump the fence just where the post was and cut a big hole in the lower part of his breast.—Agnes Geyman, La Salle, Michigan.

Dear Uncle Ned—My mother said you give very good advice to children. I am writing to two of my M. B. F. cousins. Their names are Bertha Hardy of Mayville and Anna Smith of Jonesville. We will have a Christmas entertainment at our school Dec. 22nd, and I will be teacher in a dialogue. The name of it is: "Christmas at Skeeter Corner." My mother and we girls can play an organ and a piano, in fact, we all play some kind of an instrument. We are a musical family.—Iris Arnold, Mt. Clemens, R. 4, Michigan.

Dear Uncle Ned—I am a little girl. My birthday comes the 6th of June and I was 11 years old last June. My father owns 120 acres 5 miles north of the Au Sauble river and he raises quite a few sheep. He has about 80 sheep to winter this year. He also has some cattle. I raised a few chickens this summer but as prices are so low we have decided to eat them. Mother roasted one for Thanksgiving and it surely was good. We have a few turkeys but are just getting started in them. I think they are nice. As it is so near Christmas time I will wish you all a very merry Christmas and a happy New Year. I was interested in your letter about toads. I really did not know they were so much good. I wish I could sell some. Please tell us about more animals.—Your little chum, Vivian L. Deyarmond, R. 1, Mio, Michigan.

Dear Uncle Ned—I am a boy 10 years old. Here is a poem I made up myself:
Winter Time
Way down in my homestead
Like a bird in its nest,
I settled in my little bed
And took a nice long rest.

I thought of the cows in their barn,
And of the sheep in the shed;
I thought of the chickens in their coop
And the horses to be fed.

When I rose in the morning
The ground was white with snow;
On a hill by my window
The children were all sleigh-riding in a row.

We have 4 cows, 5 calves, 2 horses and nearly 100 chickens. For pets I have a cat and a dog.—Leslie B. Carver, Paris, Michigan.

Dear Uncle Ned—I am sweet sixteen. How many of your girls and boys like good poetry? I do. I make it a point to learn some good poetry every year. I am going to send you a verse which I like very well and try to apply it to my every day life. Uncle Ned is a dear man and I wish I could talk to him personally. Are you all planning to go through high school at least? If you are stick to it. I am in the tenth grade this year. I would have been in the eleventh but I was sick and had to take the ninth grade two years, but I stuck to it and I am very thankful that I did. My birthday is the 20th of September. Have you a nickname? I have and every one calls me by it too. It is Peggy. Please write to me.—Just a Chum, Lela Sisco, R. 1, Box 9, Perry, Michigan.

We have so little space this week, "Peggy," that I can not print your poem but I will be pleased to in a later issue.

Dear Uncle Ned—How are you anyhow? I am a farm boy 11 years old and am in the sixth grade. I like school very much. For pets I have a dog and a Shetland pony. My father takes the Michigan Business Farmer and I like to read the Children's Hour. I have one brother and one sister.—Conrad Wick, R. 3, Wheeler, Michigan.

Dear Uncle Ned and Cousins—How are you all? Are we not having fine weather? We are planning on a big entertainment at our schoolhouse for Christmas and we children started practicing for it this week. Who is father of the corn? Answer: Popcorn.—Dick Hewlett, Alanson, Michigan.

Dear Uncle Ned—For pets I have a dog, a cat, some chickens, a pig, a cow and a horse. I have one sister. We live on an eighty-acre farm. We are forty rods from school and we go home for dinner. In school I study arithmetic, reading, language, geography, health and spelling. There are forty-four pupils in our school.—Gilbert Proulx, Turner, R. 2, Michigan.

Dear Uncle Ned—I am eleven years old and am in the sixth grade at school. If I have a twin please have them write to me. My birthday is January 4. We are going to have a Christmas program. We had a Halloween program. My teacher is very good. I hope she will teach next year, too. For pets I have a dog and a cat.—Florence A. Coleman, R. 6, Box 69, Ithaca, Michigan.

Dear Uncle Ned—May I join your merry circle? I am 7 years old, have curly hair and am in the 2nd grade. I like to go to school and like my teacher. We are getting ready for our Christmas program. I have learned my piece.—Lizzie Butler, Bellaire, Michigan.

Hello Uncle Ned—I have been a silent member of the M. B. F. and now I want to join your merry circle. May I? I live on a large farm and I have one sister and one brother which are both older than I am. When I was two and 1-2 years old my own father died and now I have a step-father and am very happy. I am in the eighth grade. Why does a farmer build his pig pen on the south side of a barn? Answer: To keep his pigs in. When a barrel weighs ten pounds what can you put into it to make it weigh seven? Answer: Holes.—Lela Mercer, Onaway, Michigan.

Dear Uncle Ned—I am a farm boy. I am 12 years old. I go to school every day. I am in the 5th grade at school. I like my teacher. We take the M. B.

F. and think it fine. We live on a 40-acre farm.—Lester Wrisley, R. 2, Vestaburg, Michigan.

Dear Uncle Ned—I am a farm girl, 10 years old and in the 4th grade at school. There are 23 children going now. My teacher's name is Miss Bell. I live on a 4-acre farm. My brother lives on a 160-acre farm. For pets I have 3 cats, 5 chickens, a pair of black silver foxes but they are not really pets because they bite. On the farm we have about 40 chickens, 2 horses, and 2 cows. I have one sister and three brothers. My birthday is October 5.—Hazel Matilda Huston, Potterville, Michigan.

Dear Uncle Ned—I would like to join your merry circle. I go to school as much as I can. I am in the sixth grade. My brother takes the M. B. F. and thinks it fine. We have seven young pigs and 1 old pig. For pets I have three cats.—Glen Wrisley, Vestaburg, Michigan.

Dear Uncle Ned—I enjoy reading the Children's Hour. I am twelve years old and in the seventh grade. I have one sister. My brother died almost three years ago. We have 20 chickens and 2 bantams. I am selling crochet and embroidery work. I have sold \$7.50 worth in three nights after school. I wonder if I have a twin sister or brother. My birthday is November 13. If I have a twin any place, I would like to hear. I will answer all letters I receive.—Anna Hart, Webberville, Box 73, Michigan.

Dear Uncle Ned—I am a girl ten years old and in the sixth grade. I have two sisters and one brother. We also have a little orphan baby, caring for it. For pets I have a cat and a dog. I live on a 40-acre farm. And my father owns 80 acres besides. We have 3 horses, 7 cows, 15 sheep about a hundred hens and over three hundred little chicks.—Beulah Husted, R. 2, Sumner, Michigan.

Dear Uncle Ned—I am a boy 7 years old and in the third grade. I have three sisters. I have two brothers and one brother-in-law. My father is milking 3 cows.—Horace Sackett, R. 1, Kendall, Michigan.

OTHER LETTERS RECEIVED

Marie Schlager, Ester Thant, George Patten, Jacob Herstein, Turner; Henrietta Helderop, Ada; Orma Hammond, Lake; Rose M. Arnold, Mt. Clemens; Emily Raymond, Sidaw; Mary McLeod, Palms; Iva Robinson, Melvin; Caroline and Violet Bowers, Coleman; Irene Clark, Bad Axe; Eunice Butler, Bellaire; Helen Bernice Phillips, Yale; Jack Stimac, Engadine, Michigan.



Leavening Strength Tells the Story
The price you pay for baking powder doesn't determine the results you will have on bake day — it's the leavening strength that counts.
You may buy a baking powder for less than Calumet and think you are practicing economy. Don't be misled — the bakings you spoil will make those that are successful exorbitant in cost.

CALUMET BAKING POWDER

has successfully proven, during the past thirty years that it contains more than the ordinary leavening strength. That's why bakings where it is employed never fail to raise properly. Calumet is used by more housewives, leading chefs, domestic scientists, restaurants, hotels and railroads than any other brand. Millions buy it — you should try it. A pound can of Calumet contains full 16 oz. Some baking powders come in 12 oz. cans instead of 16 oz. cans. Be sure you get a pound when you want it.

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CALUMET

CONTENTS 1 LB.

IT AIDS GROWTH!

Cod-liver oil contains element that science considers needful in promoting growth and sustaining strength.

Scott's Emulsion

of rarest Norwegian cod-liver oil, should be given liberally to the boy or girl who may be a source of worry.

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Keep your lighting plant up to full capacity. Replace your old batteries with a brand new, latest improved type, at a very low cost. No matter what make of Light Plant you have, we can furnish a new battery for it of any size you want. These are the highest grade batteries made. Don't buy any battery until you get our prices. Send for full particulars. Give name of plant and size battery wanted. Write today.

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Farmers, retired farmers, others, make any money introducing our farm seed. You can do it. A Good Winter Business for FARMERS. No experience, no investment required. Norfolk. You can make \$500 this winter. Our bargain freight paid, prices help you. Samples, particulars, order books, free. Write today. Dept. L.

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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.

Jan. 4—Holsteins, Fertiland Farms Dispersal, W. T. Bandeen, Mt. Pleasant, Mich.
Jan. 13—Horses—Mich. Horse Breeders' Ass'n, M. A. C. East Lansing, Mich.
Feb. 2—Hampshire Swine, Lenawee County Hampshire Swine Breeders' Assn, Adrian, Mich.

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Harry A. Eckhardt—Dallas City, Ill.
John Hoffman, Hudson, Mich.
John P. Hutton, Lansing, Mich.
L. R. Love—Waukesha, Wisconsin.
L. W. Lovewell, So. Lyons, Mich.
J. E. Mack—Mt. Atkinson, Wisconsin.
D. L. Perry, Columbus, Ohio.
J. L. Post, Hillsdale, Mich.
O. A. Hansen, Greenville, Mich.
J. E. Ruppert, Perry, Mich.
Guy O. Rutherford, Decatur, Mich.
Harry Robinson, Plymouth, Mich.
Wm. Waffle, Coldwater, Mich.
S. T. Wood—Liverpool, Ohio.

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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. 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.

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ADVANCE DATES SOLICITED.
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CATTLE

HOLSTEIN-FRIESIAN

SHOW BULL

Sired by a Pontiac Aagris, Korndyke-Hengerveld DeKol bull from a nearly 10 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, Wisconsin 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.

MY, OH MY! WHAT AN OPPORTUNITY

We are now offering a beautiful calf born Aug. 2nd, 1920. His sire a 35.68 lb. bull. Dam's sire has three sisters each with yearly records of over 1200 lbs. two of them former World's champions. Write for pedigree. HILLOREST FARM, Kalamazoo, Mich.

Auction Sale, Dec. 21st, 1921

Place: Village of Middleton, Mich.

13 head of Registered Holstein Friesians 9 Cows, 4 Bulls

All cows have A. R. O. records and all rich in the blood of the 31 lb. cow that topped the sale held at East Lansing last spring; one yearling bull, a son of this 31 lb. cow and all the bulls grandsons of the great field bull Dutchland Creamelle Korndyke Lad, a 4-year-old great grand daughter of Colantha Johanna Lad, and daughter of the 31 lb. cow will be sold. For full information send for catalogue.

H. W. SCHULTZ, Middleton, Mich.

\$50

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

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 \$1.93. The dam is a 21 lb. three year old grand daughter of King Segis, she has a 30 lb. daughter. Price \$125.00 c. b. Flint. Write for extended pedigree.
L. C. KETZLER, Flint, Michigan.

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.

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 Ona. 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.

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

Fairlawn Herd—Holsteins

Hire Sire, Embaggard Lillith Champion 108073 His sire's dam Colantha 4th's Johanna, world's first 35 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 Lillith 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 1,100.22
Milk 28,515.9
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.

7 YEARLING BULL BARGAINS

Sired by Segis Korndyke De Nilander, 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.

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.

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.

HOLSTEINS THREE COWS AND BULL. Registered, leading strains. Singly or the lot. A real bargain.
M. E. OSBORNE, Sun Haven Farm
Standish, Mich.

DON'T BUY HOLSTEIN OR GUERNSEY CALVES ANYWHERE UNTIL YOU WRITE EDGEWOOD FARMS, WHITEWATER, WIS.

REGISTERED HOLSTEIN BULLS

Sired by a son of King Ona and from good producing cows. Write for photos and prices.
EARL PETERS, North Bradley, Mich.

SHORTHORN

REGISTERED SHORTHORN CATTLE, DU- roc Jersey Hogs and Percheron Horses. Quality at the right price.
CHASLEN FARMS, Northville, Mich.

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.

SHORTHORNS AND O. I. C's. Young heifers and bulls. Tuberculin tested. Spring pigs and bred glits cholera immune. All stock registered free and guaranteed satisfactory. J. A. WILK & SON, Alma, Mich.

MILKING STRAIN SHORTHORNS

Registered stock of all ages and both sex. Herd headed by the imported bull, Kalmascott Viscount 25th, 648.563. Prices reasonable.
LUNDY BROS., R. 4, Davison, Mich.

FOR SALE MILK STRAIN DOUBLE STAND- ard Polled Shorthorn Calves either sex, by Yorks Polled Duke No. 16884-545109 from accredited herd.
PAUL QUACK
Sault Ste Marie, R. 2, Mich.

SHORTHORNS AND L. T. POLAND CHINAS Pure-bred young stock for breeding purposes; also Cotswold sheep.
SOLNEY BROS., St. Louis, Mich.

WATERLILY STOCK FARM

offers 4 fine Reg. Shorthorn Bulls from 10 to 22 mo. old at bargain prices.
THEODORE NICKLAS, Metamora, Mich.

CENTRAL MICHIGAN SHORTHORN BREED- ers' Association offer for sale 75 head; all ages, both milk and beef breeding. Send for new list.
M. E. MILLER, Sec'y, Greenville, 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

ASSESSING FOR STATE REWARD ROADS

(Continued from page 6)

cording to the benefits received, so that it could not very well be mapped out in the first, second, third and fourth class benefits.

The matter of arriving at the per cent of benefits is left with the authority upon whom the statute confers the right to make the assessments. This of course is subject to the right of appeal as provided by the same statute. Undoubtedly the person who submitted this inquiry has come within a class of benefits where some assessing officers conceived the idea that they might map out their assessment districts assessing each district a different percent according to the distance from the improvement, but this is not the proper method of assessing and is being discontinued by all assessing officers.—Harry H. Partlow, Legal Adviser, State Highway Department.

INSURANCE COMPANIES CONSOLIDATE

I have been insured in the Northern Assurance Co at Detroit for nearly five years and just got word from them saying they and the American Life Insurance Co., of Des Moines, Iowa had consolidated and they have taken over the American Insurance Company's name. They say the change does not affect the policy holders in any way. Would you advise me to have the name of my policy changed from the old name to the new before I make my fifth payment which is due the middle of this month?—M. G., Northville, Michigan.

It make no difference when you have the change made. Consolidation of insurance companies is quite a regular thing nowadays and does not invalidate in any respect the policies affected.—Editor.

A FRIEND OF THE NON-PARTISAN LEAGUE

(Continued from page 7)

course, the poor corporations ought not help to bear the tax burdens.

We are believers in the Farm Bureau and also Non-Partisan League in North Dakota. They ought not conflict with each other as the purpose of both is to bring relief for farm conditions—each striving for the same end. Some readers don't understand the League, in fact they can't be expected to for the information they get is through the press which is controlled by big business interests that will not permit them to say anything in favor of farm organization to conflict with their own interests and encourage the farmers to organize. The big business interests do so hate to give up some of their leeching jobs and let agriculture keep some of the money they so dearly earn by working 16 hours a day. And some of the bankers fear their interests will be hurt while others could see that if agricultural interests were helped theirs would be also.

How I hope some of the good substantial farm papers like the M. B. F. could get FACTS about the Non-Partisan League and publish them so the farm people at least could read them and have time to give the matter a fair judging before their minds get filled with poison against it from reading such harangues as was printed in the Nov. 12th issue of the Saturday Evening Post.

If this interests you enough to print it you may do so. When getting subscribers for your paper I can truly say they are getting their money's worth.—Mrs. Ada M. Benson, Eaton County, Mich.

Where did you get the idea that taxes assessed against farm land should bear some proportion to the productive capacity of the land? Perish the thought! That's asking too much of our tax authorities. It doesn't matter whether your land produces enough to pay your taxes. That's no fault of the state. It's merely your misfortune. We have published columns of facts about the Non-Partisan League. Part of its program appeals to us. Part of it doesn't. We admire the great fight the league has put up against the forces of reaction and misrepresentation, and we believe it has had a marked influence upon the political thought of the entire nation, whether the league program eventually triumphs does not greatly matter so far as the majority are concerned. It has sounded the warning to corrupt business and politics and the warning has been heeded throughout the United States. What little recognition agriculture has gained in recent years may be credited in large part to the influence of the Non-Partisan League.—Editor.

Uncle Rube Spinach Says

ANSWER TO "UNFAITHFULNESS"

IN M. B. F. of Nov. 12, some one, prob'ly a woman, writes a very interestin' letter about unfaithful men—says she knows what she's talkin' about 'cause she's met up with one of 'em an' that, while she's still livin' with him an' is prob'ly happier with him than she could be away from him, still there's something gone out of her life that can't ever be put back an' she wants to know what's the matter with us men any way that makes 'em act so pestiferous—or words to that effect.

My dear madam, I don't know your name nor where you live but no matter, the question you have asked is a question many others have asked an' it's a hard one to answer but as I always delight in answerin' hard questions I jest answer this one by askin' another—What's the matter with our women? Why can't they hold a man after they've worked months an' sometimes years to git him? Oh, yes, my dear madam, women do work to git the men they love. Don't ever make the mistake of thinkin' they don't—they fix themselves up in allurin' way—they are all smiles an' kittenish, they pet an' flatter an' make the poor insignificant fish think he's jest about the only he-thing what ever were pants. An' the deluded biped of male specie believes all this honey business is goin' to last a lifetime—he likes it an' fer a time, lives on it—he is perfectly contented jest as long as the honey holds out. No other woman ever has a look in on his affections, his own little wife is the only thing in the world to him—there is nothin' else to be desired—his life is full an' complete an' he is true an' faithful as any man could possibly be.

But in the course of time the honey business gits tiresome to the woman in the case—she has other things to occupy her mind an' time an' thinks "what's the use of wastin' so much time on him? He's mine now an' he can't git away 'cause the law won't let 'im. I'll jest slack off on the lovin' business now an' I won't need to look so nice an' neat—I'll take thinks easy an' rest up—he won't care or if he does it won't matter—he'll get used to it and everything will be lovely—fer me!"

Well my dear madam, no woman could ever make a bigger mistake than this! Somethin' goes out of the man's life right there—somethin' is lackin'—he may not know jest what it is—the woman may not notice any difference fer a time, but jest the same, from that minute they begin to drift apart—the breach grows wider, home is not the same, he feels himself neglected, he becomes resentful an' then if some woman happens to step in, some woman who can supply the honey, the soft words of flattery, the little nothings that mean so much to most men, when a woman says 'em, why don't you see why men fall fer that sort of thing? A man gets lonesome

jest the same as a woman does, he may not an' prob'ly does not, intend to do anything really bad—at first he does not anyway, but the honey, the soft words, the smiles are all sweet to him—here is the companionship he's been missin' at home, why not enjoy it while he may? His wife has ceased to care for him an' here is a woman who cares! He is once more flattered, is made to feel that he is a real man again. The seed is sown, it goes on an' on, the wife becomes secondary, she gets mad an' raves at him, this only makes matters worse, an' sooner or later the other woman takes complete possession—the house is broken up an' three people at least, more if there happens to be children, are made unhappy fer life. Now dear madam, I have always claimed an' I claim now, that if a woman can make herself so attractive that she appeals to a man more than any or all other women before marriage, so attractive that he marries her an' leaves all the rest, then by usin' the same tactics after marriage, she can hold him against the whole world!

A man does not marry a woman to have a boss! He does not marry her to have a manager of his business. A man marries a woman fer a pal—he wants her to be that first, next a home maker or as a helper in that effort and last, to be a mother to their children, his and hers, joint owners, partners in everything and pals in all things.

When the woman ceases to be the pal he wants her to be he begins to lose interest at once. If she puts the children ahead of him he resents it; he may not say so but he does just the same. He wants to be what he was in the beginning, or what she made him think he was, a real he-man, as long as the woman keeps him thinking that, there is no danger of any such thing as unfaithfulness. There will never be a thought of it on the man's part, there could be no reason for such a though—men are human—they like to be flattered by women, they want their wives to love an' pet 'em. A woman can lead a man any way she wants to jest as long as she can keep from him the fact that he's bein' led. No woman can drive a man to do any thing—he's not built that way? Trustin' my dear madam that this will enlighten you on the subject of unfaithful men I'll jest say this in closin'—I uphold no man or nor woman who deliberately goes wrong, but before I condemn either one I would have to know what first led to the break in home relations. Cordially yours, UNCLE RUBE.

NOMADS OF THE NORTH

(Continued from page 5)

ing that it might get away from him. Darkness came, and he was still following it. In the light of the stars he persisted, all else crowded from him but the homing instinct of the dog and the desire for a master.

At last he came almost to the shore of the Loon, and there he saw the campfire of Makoki and the white man.

He did not rush in. He did not bark or yelp; the hard schooling of the wilderness had already set its mark upon him. He slunk in cautiously—then stopped, flat on his belly, just outside the rim of firelight. Then he saw that neither of the men was Challoner. But both were smoking, as Challoner had smoked. He could hear their voices, and they were like Challoner's voice. And the camp was the same—a fire, a pot hanging over it, a tent, and in the air the odors of recently cooked things.

Another moment or two and he would have gone into the firelight. But the white man rose to his feet, stretched himself as he had often seen Challoner stretch, and picked up a stick of wood as big as his arm. He came within ten feet of Miki and Miki wormed himself just a little toward him, and stood up on his feet. It brought him into a half light. His eyes were aglow with the reflection of the fire. And the man saw him.

(Continued next week)

OIL LIGHT BEATS ELECTRIC OR GAS BURNS 94 % AIR

A new oil lamp that gives an amazingly brilliant, soft, white light, even better than gas or electricity, has been tested by the U. S. Government and 35 leading universities and found to be superior to 10 ordinary oil lamps. It burns without odor, smoke or noise—no pumping up, is simple, clean, safe. Burns 94 per cent air and 6 per cent common kerosene (coal-oil).

The inventor, A. R. Johnson, 609 W. Lake St., Chicago, Ill., is offering to send a lamp on 10 days' FREE trial, or even to give one FREE to the first user in each locality who will help him introduce it. Write him today for full particulars. Also ask him to explain how you can get the money and without experience or money, make \$250 to \$500 per month. (Adv.)

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, Muir, 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. O. KELLY & SON, Plymouth, Mich.

FRANCISCO FARM SHORTHORNS AND BIG TYPE POLAND CHINAS Now offering—Three bulls ready for service. Mastodon, Clansman, Emancipator breeding in gilts bred for spring farrow. See them.

POPE BROTHERS CO Mt. Pleasant, Michigan

FOR SALE FOUR REGISTERED DURHAM bulls from 8 to 10 months old. Also some fine female Durhams. HENRY J. LYNCH, Mayville, Mich.

SHORTHORNS COWS, HEIFERS, BULLS offered at attractive prices before January first. Will trade for good land. Wm. J. BELL, Rose City, Mich.

DUROCS AND SHORTHORNS, BRED GILTS, yearlings and two year olds, few good boars, bull calf 8 weeks old, good cow with heifer calf. Several bred heifers. P. B. LUDLOW, Rolling Prairie, Ind.

MILKING SHORTHORNS Bulls old enough for service, tuberculin tested and at bargain prices. W. S. HUBER, Gladwin, Mich.

RICHLAND SHORTHORNS Special offer on two white yearling Bulls from IMP. Cows and sired by IMP. Newton Champion. Also several other real Bull Bargains. Don't overlook these bargains.

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.

TWO REAL SHORTHORN HERD BULLS FOR SALE 5 mo. old and sired by Imp. Dainty Prince. W. W. KNAPP, Howell, Mich.

GUERNSEYS **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.

GUERNSEY BULL & BULL CALVES from dams making large A. R. Records. Accredited herd. Write for particulars. A. M. SMITH, LAKE CITY MICHIGAN

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

GUERNSEYS FOR SALE Several good bulls, ages from five months to two and a half years. G. T. BRYCE, Romeo, Mich.

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

JERSEY BULL CALF 2 mos. old, Sire Roussetts Raleigh Lad. Dam has made 2,317 lbs. milk, 109.53 lbs. fat in 60 days. A fine cow that combines show type and production. Price of bull \$75, crated and transferred.

YEAR OLD HEIFER bred to Gamboges' Majesty Lad, a grandson of Sybils Gamboge that sold for \$65,000. Sire won 2nd prize at Ohio State Fair and sold for \$2,000. A full sister to her has made 1846 lbs. milk, 80.76 lbs. fat in 60 days. Price \$125 crated and transferred. A. L. GRAY, Salesville, Ohio.

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

JERSEYS We offer a few young cows at \$125.00 each. Heifer calves \$75.00 delivered. Bull calves at \$50.00. All registered and transferred. Noble of Oaklands and Oxford Lad blood lines. M. A. O'BRIEN, Redsville, Wis.

FOR SALE REG. JERSEY CATTLE One or one carload, cows, heifers and bulls. A rare opportunity to secure exceptionally well bred animals. Constitution, production type combined.

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IF THE BULL IS HALF THE HERD, HOW much would a son of Pogs 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 cows. FRED HAYWARD, Scotts, Mich.

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The Home of **Imp. Edgar of Dalmeny** Probably **The World's Greatest BREEDING BULL**

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boar pigs. Sired by F's Clansman 391211,
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these high boned, high backed, smooth sided
boars left. The kind that makes good at one-
half their value. Come or write and let me
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at weaning time, from Mich. Champion herd
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L. T. P. C. \$15-\$20-\$25

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Price and Right Kind Clans.
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ASSOCIATION. Hereford, Shorthorn, Jersey
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Hampshire sheep.
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Is sired by Caldwell Big Bob, champion of
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from large growthy dams and sired by choice
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bred in the purple, sired by Mich. Buster,
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Prices reasonable. Visitors welcome. Free
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We have one of the largest and best herds in
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Also a few open gilts.
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reg 12 to 15 dollars. A few March gilts. Sat-
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We usually have good boars and sows of all
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A few real boar and sow pigs by Michigan
Grand Champion Boar and from prize winning
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All stock double immune except fall pigs.
Satisfaction guaranteed.
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Duroc Jersey Bred Stock all sold. Orders taken
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Herd Boar—Reference only—No. 129219

1919 Chicago International 4th Prize Jr. Yearling

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27, 2nd prize aged boar, State Fair 1921.
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PIGS sired by
Uneda Model Orion, Grandson of \$20,000 boar,
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These pigs are making of real boars. Will ship
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2 1/2 years old, right in every way.
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WE OFFER A FEW WELL-BRED SELEC-
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Durocs. Hill Crest Farms. Bred and open sows
and gilts. Boars and spring pigs. 100 head.
Farm 4 miles straight S. of Middleton, Mich.
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Duroc sows and gilts bred to Walt's King 32949
who has sired more prize winning pigs at the
state fairs in the last 2 years than any other Du-
roc boar. Newton Barnhart, St. Johns, Mich.

FOR SALE DUROC SERVICE BOARS and
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Model Orion King. Call or write.
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FOR SALE: ONE DUROC BOAR FROM
Brookwater breeding stock. Choice spring pig.
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O. I. C. & CHESTER WHITE SWINE. SPECI-
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smooth Aug. and Sept. pigs. Bloodlines of Ad-
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sure to please, write me before you buy. I can
save you money. Clara V. Dorman, Snover, Mich.

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Boat Supplies	Fertilizer	Lighting Rods	Sprayers
Berry Baskets	Fur Buyers	Limestone, Pulverized	Silo
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(Write on margin below anything you are interested in not listed above.)

Name

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O. I. C. 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
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An Opportunity To Buy Hampshires Right

We are offering some good sows and gilts, bred
for March and April farrowing. Also a few
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Bred gilts, bred sows, fall pigs, bargain prices.
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HAMPSHIRE PLACE YOUR ORDER NOW
for bred gilts and fall pigs
of the leading blood lines. 9th year.
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BOARS
Sows bred or open. Satisfaction guaranteed.
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Top Delaine rams. Purebred
Berkshire boars, true to type and ready for
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tered and bred, for sale cheap, only 5 to sell.
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ewes bred to lamb in March or April.
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Ewes and rams of the best breeding. Prices
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A few good yearling rams and some ram
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Breeding and individuality. Ranging from one
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Registered does \$12 each. Stock pedigreed. Qual-
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Crop Reports

Genesee—Our farmers' market in Flint
is the busy place now. Three times a
week our market is open and there is
ready sale for everything that is raised
on the farm. Prices are good, being
about same as stores retail at. Beef,
pork, poultry, all find quick sale. Butter
and eggs move quickly. Potatoes, pop
corn, bread, cakes, honey, beets any-
thing in fact that is eaten find quick cash
sale.—A. R. Graham, Dec. 9th.

Washtenaw—Some corn out, but good
weather to get it in. Farmers are husk-
ing corn, hauling manure and cutting
wood. Potatoes about all sold. Not
much grain or stock for better prices on
wheat, corn and oats. Very little snow
or frost. Can plow sod ground.—H. C.
Ringle, Dec. 9th.

Midland—What little snow we have
had is nearly gone, but air is quite cold.
The roads are good. There is little being
done at present though I did see some
late beets going to town the other day.
Not much building being done. Farmers
are having a hard time selling their
wood; for some reason or other people
prefer coal.—C. L. H., Dec. 9th.

Eaton—Cold and cloudy, ground frozen
so those who have corn out are haul-
ing it in. 20 per cent of farmers here are
wondering where their tax money is com-
ing from. Nearly 2 1-2 per cent war-
time valuation on real estate, slight re-
duction on personal. Farms for sale at
your own price.—C. F. L., Dec. 9.

Kalamazoo—Many of the farmers are
selling grain and drawing it to market
while others are cutting wood for winter
use. The weather has been very change-
able during the last week. The ground is
frozen too hard to plow now. Mr. F.
H. Hinkle of Climax, Mich., has put a
farm of 96 acres on the market during
the last week.—H. H. F., Dec. 7th.

Shiawassee (E.)—Fine winter weather
but the ground is nearly bare of snow and
not frozen over two inches in depth. What
corn that was not put in silos is now be-
ing husked, mostly by husking machines.
Quite a lot of fall plowing is being done.
There is not much grain being held for
higher prices. Very few real estate
deals are being made just at present in
this part of the county but quite a num-
ber are taking place in the north tier of
townships. Not so many auctions are
taking place as the farmers sell stock
and implements with the land.—D. H. M.,
Dec. 9th.

Macomb—Weather changeable. Field
work about all done. The thunder of
T. N. T. or picric acid heard on every
side, caused by many farmers blowing
stumps. Potato prices still going down;
oats also. Consolidated schools being
strongly agitated here. To be voted on
Dec. 29. It doesn't look good to many.
Kiddies all anxious for Christmas; also
some of us older ones.—Philip A. Wer-
nette, Dec. 10th.

Bay—Roads very much improved! The
young men busy loading beets at weigh
stations, getting something for extras.
Corn being shredded and all good. Cat-
tle prices down. Not much being sold.
Plowing nearly done and farmers pre-
paring for winter and spring repairing.
Not many planning any buildings.—J. C.
Armour, Dec. 9th.

Wexford—Farmers cutting wood, do-
ing chores and other fall work. Most
of them are holding their crops for high-
er prices. Fall grain looks pretty good
so far. Taxes are several dollars high-
er than last year. Our school tax is al-
most double. So much for consolidated
schools of which there are 4 in this coun-
ty. Ross Fenton has a Ford. W. B.
Spencer lost a horse.—Wm. A. Jenkins,
Dec. 9th.

Alcona—Farmers cutting and buzzing
wood, some hauling in corn, doing road
work and some hauling hay to cars for
about \$12.50. Ground is frozen so can-
not plow. Quite a lot of potatoes being
kept over until next spring. We are
having quite steady weather, staying
around about 30. The ground is par-
tially covered with snow. There has
been three or four cases of smallpox in
this vicinity. Fall grain is looking good.
—O. H. R., Dec. 9th.

Oscoda—This has been a good fall for
plowing and considerable was done. No
snow to speak of and farmers are cutting
wood. There is plenty of hay but not
much being sold. Tax paying time is here
and most of us wonder how to get money
to pay them.—O. C. Kurtz, Dec. 8th.

Montcalm—The farmers are busy with
chores, getting up wood, shredding corn.
Ground frozen too hard to plow. Many
are attending farmers' meetings and other
entertainments. Several are building;
one a large barn, another a hen house,
one a house and another a large porch,
all of which will be quite an improvement
to this vicinity. The tax roll is now
ready but no taxes have been paid in
yet around here.—Geo. B. Wilson, Dec. 9.

Saginaw—Nice mild weather. Too
much rain for farm work. Some are fall
plowing yet where it is not too wet. Fall
wheat looks nice. Not much grain going
to market. Some stock being sold.—
Geo. Luttenbacher, Dec. 9th.

Kent—Weather is fine. Farmers cut-
ting wood, hauling manure and doing
odd jobs. Quite a few auction sales. Fair
prices received for most articles. No po-
tatoes or other crops being sold just now.
—C. A., Dec. 8th.

Perfectly Frank

"What an awful gash you have on your
forehead!"
"Oh, next to nothing—next to noth-
ing."—The Bulletin (Sydney).

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POULTRY

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Kalamazoo, Michigan

PURE BRED COCKERELS FOR SALE

S. C. White Leghorns, S. C. Brown Leghorns, Silver Campines, at \$1.50. S. C. White and Buff Orpingtons, Houdans, White Face Black Spanish, Partridge Wyandottes, \$2.00 each.

MAPLE WOOD POULTRY FARM
Benjamin Scott, R. 1, Bannister, Mich.

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.

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CHINESE GEESSE, PEKIN DUCKS, R. C. Br. Leghorns.

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Quality Bred—By us for 30 years. Hundreds of big husky cockerels and pullets; solid color from "Hogan" tested heavy layers.

BIG TYPE, BRONZE TURKEYS
Massive chills and pullets by 1st Chicago and Cleveland winners. Our exports to Europe and So. America prove their quality.

LARGE AFRICAN GUINEAS, any number.
J. C. Clipp & Sons, BxM, Saltillo, Ind.

BARRED ROCKS. Surplus breeding stock all sold. More Hatching eggs next spring. More Cockerels next summer and fall. From stock from Parks best pedigreed pens.

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Hens, pullets, cockerels, at farm-ers' prices.

ROBERT E. KNIGHT, New Baltimore, Mich.

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SINGLE COMB BUFF LEGHORN COCKER-els. April and May hatched. Heavy laying strain.

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LEGHORNS ENGLISH WHITE LEGHORNS. Cockerels, Tom Barron strain, \$1.50 each.

JOHN W. MORGAN, Yale, Mich.

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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.

GRABOWSKA'S S. C. WHITE LEGHORNS, cockerels and cocks for sale.

L. G. GRABOWSKA, Merrill, Mich. R. 4

WYANDOTTE

C. W. CASE

ROCHESTER MICH.

WHITE WYANDOTTE SPECIALIST

offers strictly high-grade young and old stock at popular prices. Correspondence solicited.

WHITE WYANDOTTES

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

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Big Rapids, Mich.

SILVER AND WHITE WYANDOTTE COCK-erels. 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.

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STOCK AND EGGS—quality for the particular Breeder. Write for special price list today. Specializing in Barred Rocks, 10 other breeds.

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Big Value Baby Chicks

Eleven popular, money-making breeds. Easy to buy—priced low. Easy to raise—husky, healthy, vigorous. And guaranteed! Write today for FREE catalog showing many breeds in full colors.

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WHITTAKER'S R. I. REDS. Michigan's greatest 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.

Choice thoroughbred Rose Comb Rhode Island Red Cockerels, splendid color, \$3.00 each.

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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, R. 1, Mich.

ORPINGTONS

ORPINGTONS AND LEGHORNS
Two great breeds for profit. Write today for free catalog 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.

GRABOWSKA BROS., R. 4, Merrill, Mich.

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 winners at Columbus, O., Louisville, Ky., Cleveland, O., Pittsburg, Pa., Hagerstown and Cumberland, Md. Cks, Hens, Ckls, Pul. and Mated Pens always for sale. Eggs and Baby Chicks in season. 100,000 Incubator capacity. Write us and get the best.

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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.

TURKEYS

PURE BRED BOURBON RED TURKEYS.
Toms \$9.00; Hens \$7.00.

MRS. ALFRED MEEK, Belmont, Mich.

BOURBON RED, GIANT BRONZE AND
Narragansett turkeys. Also Brown, White and Buff S. C. Leghorns, R. I. Reds, White Wyandottes and Barred Rocks. Write for prices.

Cedar Lawn Poultry Farm, Danville, Mich. R. 1

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. Great in size; fine in color.

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GIANT COPPER BRONZE TURKEYS. Either sex, any age, reasonable prices.

W.M. D. SLOUGH, Ellsworth, Michigan

FOR SALE—MAMMOTH BRONZE TURKEYS.
Write for prices.

MRS. H. D. HORTON, Filton, Mich.

White Holland Turkeys. Why not get the best? Over 35 years breeding and shipping from one farm. Our reputation is behind every bird. A stamped addressed envelope brings prices. A. Whitcomb, Byron Center, Mich.

Bourbon Red Turkeys, young, vigorous, nicely marked, early hatched hens and toms, not akin.

AROME D. IVES, Rockford, Mich., R. 8

Thoroughbred Giant Bronze Turkeys, large and healthy, splendid birds. None better. Toms \$9 each if taken at once. N.S. Alder, Fairgrove Mich.

BREEDERS' ATTENTION

If you are planning on a sale this year, write us now and

Claim The Date!

This service is free to the live stock industry in Michigan to avoid conflicting sale dates.

LET "THE BUSINESS FARMER" CLAIM YOUR DATE!

BUSINESS FARMERS' EXCHANGE

50 A WORD PER ISSUE—3 insertions for 10c per word. Farm for sale ads. not accepted for less than 3 times. Twenty words is the minimum accepted for any ad. in this department. Cash should accompany all orders. Count as one word each initial and each group of figures, both in body of ad. and in address. Copy must be in our hands before Saturday for issue dated following week. The Business Farmer Adv. Dept., Mt. Clemens, Michigan.

FARMS & LANDS

144-ACRE FARM; \$5000 BARN WITH 4
houses, 27 cows and young stock, reg. bull, poultry, hay, fodder, cream separator, drill full machinery, tools included; splendid farming district; near village, city; 120 acres loamy tillage; pasture, woodland; fruit, sugar grove; good 8 room house; 93-ft. basement barn valued \$5000, large silo, granary, shop, poultry house. Owner retiring sacrifices \$7500, less than half cash, easy terms. Full details page 28 Illus. Catalog 1100 Bargains FREE. STROUT FARM AGENCY, 814 BE Ford Bldg., Detroit, Michigan.

72-ACRE FARM NEAR BATTLE CREEK
3 houses, poultry, 7 cows and hogs, full machinery, vehicles, tools, 15 cords wood, hay, corn, fodder, oats included; in midst of thriving progressive community; 4 min. walk village, conveniences; only 5 1/2 miles city markets; 50 acres loamy tillage; cutting 2 tons hay acre; 20-cow brook and river watered pasture; valuable wood, timber; lots apples, pears, cherries, berries, comfortable 6-room house, piazza, excellent river view; good barn, stable. Other interests force sacrifice only \$6900, less than half cash, easy terms. Investigate now. Catalog free. J. CARL GAW, 203 Upton Ave., Battle Creek, Mich.

FOR SALE: 80 ACRES NICELY LOCATED
on good road. Good 5 room house, 40x56 barn full basement. Other small buildings all rodded. 10x28 silo, soil loam and mixed sand and gravel. 55 acres under plow, balance young timber and pasture. Terms \$1600 down, 5 years on balance \$1400, 6 miles from Marion. THOMAS WHITE Marion, Mich.

EXTRA GOOD 140 ACRES 1 MI. FROM
County Seat. Hard roads, excellent buildings, good soil. Write for price, etc., RUDOLPH HASSLER, Sandusky, Mich., R-4.

SMALL FARM 1 1/2 ACRES, LOCATED AT
Mt. Clemens, Michigan. Modern eight room house in good shape. Large barn, chicken house, cherry trees, raspberry bushes, etc. Fifteen minutes walk to City Hall. Good soil, and an excellent place for poultry raising. Willing to sacrifice for cash. BOX T, Care of Michigan Business Farmer, M. Clemens, Michigan.

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—I OFFER ONE OF MY CHOICE
farms in the Greeley, Colo. district, close to Greeley, with her unexcelled schools. This is an irrigated farm suitable for intensive farming and will produce the finest quality of onions, celery, cabbage, peas, beans, potatoes, hay and all small grains. Here is a chance to locate in the most healthful and life-saving climate in the world. Farm will be subdivided to suit. I will give terms to practical farmer. For further particulars write me. No trades will be considered. T. L. BOYE, Bx 312, Greeley, Colo.

BEST FARM IN OSCEOLA COUNTY 120
acres clay loam slightly rolling, 1/2 mile from Marion. 15 acres fruit trees, apples, pears, plums and cherries. Full basement barn 44x70. Flood Road, double track, water in basement, tile silo 12x28, tool house, garage and small barn. If you want a nice home and a good bargain write THOMAS WHITE, Marion, Mich.

140 ACRES, BEST SOIL, FINE BUILD-
ings. Fruit, wood, 45 miles from Detroit. State road. Stock and tools if wanted. \$1500.00 handles. A. O. HARLOW, Metamora, Mich.

PRODUCTIVE LANDS. CROP PAYMENT OR
easy terms. Along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. BYERLY, 90, Northern Pacific Bldg., St. Paul, Minn.

FOR SALE OR TRADE FOR SMALL PLACE
with building suitable for gardening and poultry raising. 90 acres, 80 cleared. Write BOX 153, R3, Lake City, Mich.

CHOICE 148 ACRE FARM, FINE BUILD-
ings, location, good soil, priced right. ERNEST LAFLAUR, Vermontville, Mich.

MISCELLANEOUS

MACHINERY

NEVER-KLOG SAW DUST BLOWER. Guaranteed five years. Cash or easy terms. Write for circular. HILL-CURTIS CO., 1507 No. Fitcher St., Kalamazoo, Mich.

BUZZ-SAW FRAMES, BLADES, MANDRELS
pulleys, belting, etc., of every description at old time prices that correspond with farm products. You'll save money by sending for folder.

GEO. J. WETTCHURACK, Lafayette, Ind.

TOBACCO

TOBACCO 1919 NATURAL LEAF SELECT
chewing; 3 pounds, \$1; 10 lb., \$3. Best smoking and chewing; 10 lb., \$2.50; regular smoking, \$1.50. Satisfaction guaranteed. PRODUCERS DISTRIBUTORS, Murray, Ky.

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

FINE CHEWING AND SMOKING TOBACCO
Long silky leaf, rich and mellow. 10 pounds \$2.50. For mild smoking 10 pounds \$2.00. ADAMS BROTHERS, Bardwell, Ky.

HOMESPUN TOBACCO, COLLECT ON DE-
livery. 10 pounds \$2.50; 20 pounds \$4.00. FORD TOBACCO COMPANY, Mayfield, Kentucky.

TOBACCO, KENTUCKY'S NATURAL LEAF
Smoking 10 lbs. \$1.75. Hand selected chewing 3 lbs. \$1.00. Free receipt for preparing. WAI-DROP BROTHERS, Murray, Ky.

COMMISSION HOUSES

SHIP YOUR POULTRY, VEAL, EGGS, ETC.
to C. Quinlan, 9 Fulton Market, Chicago. Current weights, prompt returns and highest prices guaranteed. Established 1878. Write for tags and quotations; modern cooling rooms.

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.

HIGHEST PRICES PAID FOR LIVE AND
dressed poultry, wild rabbits, veal, eggs, etc. A square deal always. C. E. McNEILL & CO., 325 W. So. Water St., Chicago, Illinois.

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prints, 25c. MODERN PHOTO WORKS, Box M. B. F., La Crosse, Wis.

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way, but the best, at a reasonable price. Mail us a trial order and prove to yourself that it is not only what you pay but what you get for what you pay. Our aim always has been and always will be, "the very best prints from every negative." MOEN PHOTO SERVICE, Quality Kodak Finishing, Box M. B. F., La Crosse, Wis.

GENERAL

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

FOR SALE: TWO CARLOADS OF CHOCOL
Alfalfa hay. N. AYERS & SON, Silverwood, Mich.

REWARD: FOR THE LARGEST LIST OF
names and addresses we will give a set of Rogers knives and forks; for second largest list will give solid silver souvenir spoon. Contest closes Jan. 15th, 1922. ORCHARD LODG. NURSERY, Galesburg, Mich.

GOVERNMENT CLERKS NEEDED—(MEN-
women); \$1400-\$2000; permanent; few to travel; expense allowance. Write Mr. Osmont, Former U. S. Government Examiner, 255 St. Louis, Mo. He gives reliable information.

14 INCH WASHABLE STOCKINET RAG
doll, cotton-stuffed, oil-painted features, movable limbs, will sit alone; 50c. Three, \$1.35. Same dressed, \$1.00 each; three \$2.75. All prepaid. NOVELTY RAG DOLL CO., Petersburg, Mich.

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, bakers mugs, napkins, etc., a little of each. Send cash with order. Write us, E. SWASEY & CO., Center Street, Portland, Maine.

HIDES TANNED OR LEATHER FOR RE-
pair work sold direct. Prices reasonable. Let us send samples. COCHRAN TANNING CO., Greenville, Michigan.

WE SELL NEEDLES, PARTS AND RE-
pair all makes sewing machines. Let us know your troubles. We can help you. DE STEIGER MUSIC CO., Mt. Clemens, Mich.

OLD TRUSTY INCUBATORS, SLIGHTLY
used, 150 egg size, \$20 freight paid. Cost \$26 now. GORET BROS., Corunna, Mich.

WANTED: SIX PAIR HORSES, AGE 4 TO
7, weight 1200 to 1400; must be right. M. B. HOOKER, Charlevoix, Mich.

MEN'S FOUR BUCKLE ARCTICS—PER-
fect, best grade, makers only, sizes 6 to 12. All rubber \$2.95. Cloth tops \$3.45. DAVIS BROTHERS, Lansing, Michigan.

1000 NO. 2 CONCORDS 1c EACH, TILL
surplus reduced only. Larger sizes reasonable. Why pay agents double? Write GORLEVILLE, MICH., NURSERY.

A MARRIED MAN, GOOD ALL AROUND
milker and herdsmen wishes steady position on dairy farm. HERBERT SOPER, 3535 McKinley Ave., Detroit.

PURE CLOVER HONEY, \$2.00 WILL
bring a ten lb. pail to your door, and \$9.00 a 60 lb. can to your station. Produced in the rich cloverfields of Huron County, by the Bloomfield Apiaries, ED. STEWART, Prop., Port Hope, Michigan.

FANCY SHELLD PEANUTS 4 lbs. \$1.00
prepaid. Crisp, crunchy, delicious. Great fun roasting them. Recipes for candies and salted peanuts included. CHESTERFIELD PLANTATION, Norfolk, Virginia.

APPLES, DRIED EVAPORATED; MAKE
luscious pies and sauce. Remit \$5 for 25 pounds. Prices on boxed apples \$1 and up. MAIL ORDER FRUIT CO., Yakima, Wash.

HOUSE KEEPER WANTED: I WONDER IF
any of the Readers know of any good looking lady between the ages of 45 and 55 who has good health, refined, neat, a good cook and house keeper and accustomed to living in the country, who would appreciate a good home rather than big wages and who would accept a position as house keeper in a respectable widow's home. No children. Own a good farm home. Modern buildings, no incumbrance. In a good country near Caro, Mich. I have quit farming but live alone on the farm. If anyone is interested and has the above qualifications, I can give good references. I am a little past middle age. Please write to BOX N, Caro Mich. Business Farmer, Mt. Clemens, Mich.

MARKET FLASHES

TRADE AND MARKET REVIEW

IN ALL branches of business, except the retail lines, the country is in the grasp of a pre-holiday dullness which usually rules at this season of the year. Dealers connected with jobbing and wholesale lines, being anxious to close the year with as small inventories as possible, are refraining from making new commitments at this time. As usual, the outstanding feature in the business world is the growing activity in the retail trade, due to the stimulus of holiday buying. Current weather conditions while they cannot be said to be adverse to the increasing business activity, would be more favorable if temperatures were lower and the ground covered with snow. One of the striking features of the current retail trade is the fact that the bulk of the business seems to be confined to the large department stores, the owners of which are assured of profits sufficiently large to justify the making of liberal advertising contracts.

The steel and iron trade is decidedly quiet, just now, but furnace and foundry men are looking for a wave of activity early in the new year. The wool market is dull but decidedly firm with the assurance that any change in quotations will be toward higher price levels. The goods market is none too active, just now but the spindles in New England textile mills are said to be running on an 85 per cent basis. In the eastern district, builders are taking advantage of the continuance of fine weather to lay foundations and complete jobs some time under way.

The lumber situation is said to be growing stronger, every day as a direct result of a demand from Japan which is depleting supplies on the Pacific coast. An order has been issued, by the Japanese government forbidding the cutting of timber, pending the outcome of an investigation concerning the cause and possibility of prevention of floods in the Mikado's kingdom.

Reports from the great agricultural districts of the west indicate the prevalence of a more optimistic outlook following the recent cut in freight rates on agricultural products; the most discouraging feature, connected with farm operations, in many of our western states, is the inability of the farmer to meet obligations that are coming due. Thousands of mortgages will be foreclosed, in the west and a long list of failures among farmers will be recorded during the winter and early spring. While there are, without doubt a few of our farmers who are unable to meet their obligations this fall it is generally believed that 90 per cent of the farmers of Michigan are solvent and by a system of careful planning will be able to weather the storm which will sweep many of their fellows, in other states, into bankruptcy.

The stock market has been dull but firm, of late, with all of the dividend-paying specialties tending toward higher levels. The bond market is lacking in activity, many issues showing a tendency to sag under a marked decrease in demand; better things are looked for in this department, early in the new year when funds from dividend disbursements become available for re-investment. The week's bank clearings were \$6,999,509,000.

WHEAT

Last week's wheat market was a disappointing affair. The advances

WHEAT PRICES PER BU., DEC. 13, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 Red	1.21	1.18	1.26 1/2
No. 2 White	1.18	1.15	1.21 1/2
No. 3 Mixed	1.15	1.12	1.17 1/2
PRICES ONE YEAR AGO			
No. 2 Red	2.00	1.95	1.98
No. 2 White	1.95	1.90	1.93
No. 2 Mixed	1.90	1.85	1.88

made the first of the week failed to hold. Reaction was to be expected, but the trade generally was unprepared for the slump of from 6 to 10

Edited by H. H. MACK

MARKET SUMMARY

Wheat slow; receipts large. Oats and corn easy. Rye steady and in good demand. All live stock prices showing bullish tendency. Greater activity expected in poultry during the present week. Large receipts weaken eggs. Dressed hogs and calves in good demand. Butter steady and supply is moderate. Quiet tone rules in the hay market.

(Note: The above summarized information was received AFTER the balance of the market page was set in type. It contains last minute information up to within one-half hour of going to press.—Editor.)

cents on the leading markets. Rain in the drought-stricken southwest was used with good effect to drive down prices, and a temporary increase in the visible supply also helped. The market opened easy with the current week, but in keeping with the eternal swing of the pendulum it is due for another "come-back" this week. But we have grown wary of attempting to say how far the pendulum will swing or how long it will stay "swung". We have a feeling that the grain markets will show no considerable activity until some time after the first of the year. In view of the uncertain manner in which the market has acted the past several months and in view of the fact that neither the domestic financial situation nor the exchange rate between this country and prospective buying countries have shown any material improvement, we think we are safe in assuming that the grains will not show particular signs of activity immediately upon the beginning of the new year. Such improvement as may be expected will likely not begin to show itself until the spring months.

CORN

The corn market made several advances last week but by Saturday

CORN PRICES (new) BU., DEC. 13, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 Yellow	56	49 1/2	66
No. 3 Yellow	54	47 1/2	64
No. 4 Yellow	52	45 1/2	62
PRICES ONE YEAR AGO			
No. 2 Yellow	52	41	76
No. 3 Yellow	50	39	74
No. 4 Yellow	48	37	72

all gains had been lost at Chicago and at Detroit prices were one cent lower. Receipts were larger than the week before and much heavier than a year ago but demand was of good volume, both domestic and export. Shipping sales at Chicago amounted to 1,500,000 bushels and receipts 3,428,000 bushels. Demand from dealers in this country for corn for home consumption and export is improving while farmers are be-

coming reluctant sellers. Such conditions should mean higher prices but whether they will come within the next couple of weeks is doubtful. On Monday of the present week the Detroit market was quiet and unchanged and at Chicago prices were lower.

OATS

Oats are easier again and prices declined 1-2c last week. Trade in

OAT PRICES PER BU., DEC. 13, 1921			
Grade	Detroit	Chicago	N. Y.
No. 2 White	38 1/2	36 1/2	46
No. 3 White	36	34 1/2	44
No. 4 White	32	30 1/2	40
PRICES ONE YEAR AGO			
No. 2 White	55 1/2	53 1/2	49 1/2
No. 3 White	53 1/2	51 1/2	47 1/2
No. 4 White	51 1/2	49 1/2	45 1/2

general was quiet last week and receipts small. Country offerings continue to be limited. Domestic demand shows some improvement over last week. Oats declined at Chicago on Monday, Dec. 12, but were unchanged on the Detroit market.

BEANS

Beans have retained their advance of 10 cents recorded last week in the

BEAN PRICES PER CWT., DEC. 13, 1921			
Grade	Detroit	Chicago	N. Y.
C. H. P.	4.30	4.87	5.30
Red Kidneys	4.30	4.87	5.30
PRICES ONE YEAR AGO			
C. H. P.	4.10	4.67	5.10
Red Kidneys	4.10	4.67	5.10

Detroit market. The feeling is strong throughout the country and beans should be the first crop to respond to the improvement in the general situation.

BARLEY

There was no change in the barley market last week, either in tone or prices so Detroit is quoted at \$1.10 @ 1.30 per cwt., and Chicago is offering 50 @ 59c per bushel.

RYE

While other grains declined last week, rye was firmer than it has been for some time. Detroit exper-

enced an exceptionally good demand for both shipment and local grinding and the price of No. 2 advanced to 89c, while at Chicago the grain was not quite so active and the price remained at 87c for No. 2. Receipts at Detroit were not ample enough to cover the demand.

POTATOES

There are two things that exert a very bad effect upon the potato mar-

SRUDS PER CWT., DEC. 13, 1921		
	Sacked	Bulk
Detroit	1.77	1.87
Chicago	1.77	1.87
New York	2.06	2.14
Pittsburg	2.06	2.14
PRICES ONE YEAR AGO		
Detroit	2.00	2.10

ket. One is unseasonable weather and the other is the holiday season. The potato market is acting just the way it always acts "just before Christmas", and the warm spell of weather last week didn't help out the situation at all. Despite these unfavorable conditions the market strengthened at some points last week, and the colder weather of the current week may help it along a little more. But we don't expect anything very encouraging to happen in this market for the balance of the year. For it seldom if ever does. With the beginning of the new year, colder weather, exhaustion of city supplies, drop in shipments, we may hope with reason for better prices.

HAY

For the week closing Dec. 10th hay markets were somewhat easier owing to heavy receipts and values declined in a few markets. On the closing day of the week markets were fairly well supplied, demand was slow and inactive. The Detroit market remained steady and prices did not change. Standard timothy is worth \$18 @ 19 per ton with the best grade \$1 higher. No. 1 clover and No. 1 clover mixed are quoted at \$16 @ 17 per ton. Chicago, New York and other large markets are from \$1 to \$9 higher.

APPLES

The condition of the apple market is greatly improved from what it was last week. The unclassified and poorly graded stock which has been holding prices down is clearing away rapidly. Cooler weather has also assisted the market to right itself. Dealers with good graded stock on hand are not selling as they believe the market is due to improve considerable more before spring. Quotations at Chicago are about the same as they were last week with one or two exceptions.

Quotations on bushel baskets at Chicago all varieties, two and one-half inch "A" grade \$1.75 @ 2.25; unclassified stock, all varieties 75c @ 1.25.

Quotations on the different barreled varieties at this market follows: Standard "A" grade two and one-half inch Greenings \$9 @ 10; Jonathans at \$8 @ 9; Kings \$7 @ 8; Spies, \$7 @ 7.50; Baldwins, \$6 @ 7; Grimes Golden, \$8 @ 9; Wagener's, \$6 @ 6.50; Spitzenberg \$7.50 @ 8; Hubbardston, \$6.50 @ 7; two and one-quarter inch, all varieties \$2 @ 3 per barrel less.

ONIONS

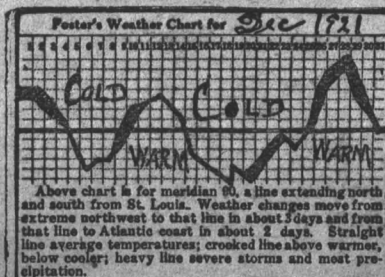
The report that Spain has completed shipment of Spanish onions was received in this country last week and the result amounted to more strength in the market. Prices show little change as yet, however, but advances are expected any day. Demand is good. Indiana reds and yellows at Chicago are quoted mainly on a basis of \$5 per cwt. f. o. b. shipping point.

CABBAGE

Both eastern and western cabbage markets were very firm last week with prices ranging from \$40 to

THE WEATHER FOR NEXT WEEK

As Forecasted by W. T. Foster for The Michigan Business Farmer



WASHINGTON, D. C., Dec. 15, 1921.—The week centering on Dec. 29 will bring very high temperatures to Michigan, making a very great rise in temperatures from Dec. 21 to 29. These great rapid changes in temperatures are bad for man, beast and winter vegetation; in this case particularly bad for winter grain, more particularly bad for winter wheat which is already in poor condition. That temperature condition will strike the Pacific slope near Dec. 26, Rockies 27, general line of the Red river of the North and Mississippi river 28, reaching Atlantic coast near 30. This will be one of the most severe storms of the winter and you should not fail to get ready for it. All its weather

features will go to great extremes, including a northern blizzard and a southern norther. I cannot be too positive nor too emphatic about that period of great storms.

The whole world of man has clamored for an intensely cold winter. My contention has been that the general average of the principal weather features would be close to the 10-year average, with great extremes in all the principal features. In speaking of winter I mean from October 20 to April 20.

Last two weeks of December precipitation will be near the general average, least moisture along the southern coasts of America, increasing northward to northern agricultural parts of Canada. These are expected to be the general conditions but will not apply to a few small sections for which land elevations and depressions control moisture.

My monthly weather charts have been greatly improved. All my weather forecasts have recently been very much improved and I am expecting them to give better satisfaction during 1922 than ever before.

W. T. Foster

\$45 per ton. Good Danish stock was selling at \$50 per ton on the New York market.

LIVE STOCK MARKETS

Dealers with cattle to sell in the Chicago market enjoyed themselves better last week than for a long time. The close of the week before last was excited and strong at the highest prices of the season up to that date. On Monday and Tuesday of last week, a reaction was experienced and prices eased off 25 to 50 cents from the close of the week before. Wednesday's trade started weak but firmed up, later, closing strong and starting the ball rolling for another strong week end. The outlook for well-finished cattle of medium weight is more encouraging at this writing, than on any preceding date this year; cattle, carrying extra killing quality, are far from plentiful and the prospect is that dealers, who must have this kind will be obliged to pay a higher premium in the future than at any preceding date this year.

The trade in common butchers cattle continues to drag, simply, because too many of that kind are coming just at a time when the main demand is for holiday quality. Last week's arrivals at Chicago were 5,000 head in excess of the week before; the supply was all cleaned up, a fact, that was regarded as rather remarkable considering the absence from the yards of many of the smaller operators because of the strike. The dressed beef trade in eastern cities was unsettled, all the week, prices rising toward the close showing, in some cases, a gain of \$3 per cwt. from the close of the week before. Choice yearling steers and heifers brought \$12 per cwt. in Chicago last week whenever offered. The top for choice two-year-olds was \$10. Heavy cattle were dull and neglected, one load, that averaged 1,337, only bringing \$7.65 per cwt.

The absence of the smaller killers from the market acted as a damper on the demand for the common grade of butchers cattle, bulls and canners; canning kinds closed at about the lowest point of the season, some on the shelly order selling as low as \$1 per cwt. Stockers and feeders were active all the week closing at an average gain of 25 cents per cwt. over that of the week before; there were many sales of choice feeding cattle that looked 50 cents higher than the average of recent business.

An active demand for mutton and lamb in eastern cities caused an advance in Chicago of \$1 per cwt., from Monday of last week to the close on Saturday, for fed lambs; the close, week before last, was \$10.45. The tops in fed lambs readily sold for \$11.65 on Thursday and Friday of last week. All through the fall and winter months the Michigan Business Farmer has been predicting a rising market for sheep and lambs; the course of the market during the period referred to has completely established the reliability of the forecasts made.

We see nothing in the immediate future to change the trend of the trade; in fact, the situation seems to be stronger than on any previous date. During the last 40 days, fat lambs have gained more than \$3 per cwt. in price; it is the belief of the writer that during a like period in the future, a further gain of \$2 per cwt. will be added to current quotations. The gains made by yearling wethers, recently, have been nearly as sensational as those made by lambs; sold yearlings of extra quality light up to \$9.75 in Chicago last week.

The upward movement in the other branches of the live stock market is evidently without an effect on the hog trade and prices for all grades that can be readily merchandised in the form of fresh meats and its various products, are moving upward. Earlier in the season, when mixed hogs touched \$7 in the Detroit market, the opinion was expressed on this page that quotations were pounding on the bottom for the present season. The writer is still decidedly bullish on hogs and hog products; advancing prices will be frequently checked by burdensome receipts, like those of last Monday in Chicago, when 60,000 came to hand.

A scarcity of thrifty young hogs to feed corn to and an active demand for fresh pork and products, both at home and abroad, will in our opinion cause medium weight hogs to sell, later in the season, more than \$3 per cwt. higher than the recent low point.

Live Stock Prices

The following prices were paid at the Detroit Stockyard Tuesday, Dec. 13th.

Cattle	
Best heavy steers	\$6.50@7.00
Best handywt. butcher steers	\$6.50@7.00
Mixed steers and heifers	5.50@6.25
Handy light butchers	5.00@5.25
Light butchers	4.50@5.00
Best cows	4.50@5.00
Cutters	2.50@2.75
Canners	1.75@2.25
Choice	4.50@5.00
Bologna bulls	3.50@4.25
Stock bulls	3.00@3.25
Feeders	5.50@6.00
Stockers	5.00@5.50
Milkers and springers	40.00@95.00

Calves	
Best	\$12.00@13.00
Culls	7.00@9.00
Heavy	3.00@7.00

Sheep	
Best lambs	\$10.75@11.00
Fair lambs	9.00@10.00
Light to common lambs	7.00@8.50
Fair to good sheep	4.00@4.50
Culls and common	1.00@2.00

Hogs	
Mixed hogs	\$7.30
Pigs and lights	7.75
Roughs	5.75
Boars	3.00

MISCELLANEOUS MARKET QUOTATIONS

Detroit, December 13th

Butter—Best creamery, in tubs, 38@
23 1-2c per pound.

Eggs—Fresh, candled and graded, 45
@55c; storage, 36@41c per doz.

Apples—Greening, 2.75@3; Baldwin,
\$2.25@2.50; Spy, \$2.50@3; Jonathan, \$3
@3.25; western boxes, \$2.25@3.25.

Onions—Eastern, \$5.50@6 per 100-lb.
sack.

Dressed Hogs—Small to medium, 10@
11c; heavy, 5@7c per lb.

Dressed Calves—Choice, 13@15c; me-
dium, 10@12c; large coarse, 5@10c per
lb.

Live Poultry—Best spring chickens, 20
@21c; Leghorn springs, 16@17c; large
fat hens, 20@22c; medium hens, 19@20c;
small hens, 13@14c; old roosters, 13c;
geese, 21@22c; large ducks, 27@28c;
small ducks, 23@24c; large turkeys, 42c
per lb.

Cabbage—\$1.50@1.65 per bu.

Christmas Trees—60c@1 each.

MARKETING THE CHRISTMAS POULTRY

IN THE first place, the grower who makes a business of breeding and preparing animals or poultry for market should aim to establish a reputation for high grade stock; it may be taken for granted that no bird or animal, which is intended for food, will help the reputation of a breeder or feeder that is marketed in a poor or half-fat condition. Poultry, especially, should be well fattened before it is offered for sale in either live or dressed form; this is doubly true a year like this when all kinds of grain are plentiful and cheap. Birds, that have been well fattened, can be made much more attractive in dressed form than those that are killed without previous preparation.

Before killing poultry for market, the grower should make some definite arrangement for the sale of the dressed product as it will be hard to find anything more perishable, in warm, sour weather, than dressed poultry. The purchaser should be consulted concerning dressing methods as to whether he prefers them dry-picked or scalded; with the feathers off, only, or full-dressed. In the Detroit market, birds get the preference that are finished by scalding in water just warm enough to loosen the feathers but not hot enough to blister the skin or to produce discoloration; poultry is often made almost unsalable by over-scalding.

When arrangements have been made to deliver poultry on a certain day, slaughtering should be done on the afternoon or the evening of the day before and the birds should be permitted to cool, thoroughly, before they are wrapped or packed. Dressed poultry is often rendered unattractive by sweating which results from the animal heat which is still in the body when it is wrapped or packed.

Growers of poultry on a large scale, will often find it to their interest to arrange to supply hotels, clubs or high class restaurants, killing and delivering their stock at regular intervals as the buyer may desire. If live or dressed poultry is to

be shipped to commission salesmen in the city, great care should be taken to look up the records of the firms under consideration; a little time can often be profitably spent looking up commercial ratings and the general reputation for honesty of dealers.

It is a well known fact that city people have a great liking for country-dressed poultry when it is delivered, fresh at their homes. Farmers, who raise breeders that are especially adapted to table use, will find it comparatively easy to establish a fine trade in dressed poultry and dairy products with the better class of city residents. The writer of this article is not theorizing in this matter for he furnished a large circle of city customers, with the articles mentioned above for a period of more than ten years. It is, of course, a fact that the general use of the automobile is modifying the market problem in many localities and many poultry, butter and egg producers are able to dispose of their products right at home for as much as they could get, in a wholesale way, in the city markets.

Growers, who desire to take advantage of holiday demand for dressed poultry, will find it to their interest to time their consignments so that they will arrive in the market at least three days before the day of sale; belated arrivals are quite often severely penalized, not so much by a lack of demand as because buyers, who would have purchased the stock had it been on time, have made other arrangements.—H. H. Mack.

COMING POULTRY SHOWS

Zealand, Dec. 29-Jan. 2, 1922. C. J. De Koster.
Grand Rapids, Jan. 3-6, Alfred Han-
nah, Jr.
Holland, Christmas week, Edward
Brouwer.
Pontiac, Jan. 16-21, A. D. J. Shimmel,
R. No. 1
Chicago National, Jan. 11-17, D. E.
Hale, 349 West 65th St.

COMMISSION MERCHANT SENTENCED TO LEAVENWORTH

ROBERT FERGUSON, who operated as a commission merchant in the city of Detroit under the name of the Ferguson Commission Company, and who was indicted upon complaint brought against him by the Business Farmer on behalf of a score or more of its readers who had been defrauded by him, was found guilty before Judge Tuttle last week and sentenced to three years in the federal penitentiary at Fort Leavenworth. In pronouncing sentence Judge Tuttle scored Ferguson heavily for having accepted produce from farmers without paying for it.

"The city business man who willfully swindles the farmer is a menace to good relationship between the farmer and the city consumer," said Judge Tuttle. "The farmer as I know him is a hard working, honest man who depends on the integrity of the city purchaser, and if this confidence is abused, the farmer cannot be blamed for looking askance at the business people of the city."

The conviction of Ferguson will probably have a good effect upon the rest of the commission firms in the city of Detroit who have been guilty of like offenses but who have escaped arrest. Detroit commission business will stand a house-cleaning, for it is crooked to the core. The Business Farmer wants every reader who ships to Detroit commission firms and does not receive honest treatment to report the case.

PLAN CO-OPERATIVE MARKETING EXCHANGE IN DETROIT

(Continued from page 1)

capital stock proposition which will pay dividends on capital stock but not upon patronage, while the Farm Bureau will return all profits to the growers on a patronage basis. Control of the first company will be vested in farmers, but if all the stock cannot be sold to them, business men and other consumers of the city will be permitted to buy stock. Stock in the Farm Bureau project will, however, be confined to actual producers.

It is perhaps unfortunate in a

way that both of these propositions are being floated at the same time, and that there appears to be some antagonism between the two. The Farm Bureau folks charge that the Board of Commerce proposal has for its primary aim the increasing of the food supply for the city and a lower price to the consumer, while the Board of Commerce fellows come back by pointing to the farmer control of their company and the assertion that the produce commission business cannot be handled successfully on a pure co-operative basis.

The farmers of the Detroit area will be solicited by organizers of both companies and it might be well for them before definitely committing themselves to either to thoroughly study the details of both and form their own conclusions as to the respective chances for success.

Easy Now to Rid Your Farm of Rats

Wonderful Discovery by Noted Scientist
Kills Every Rat Within a Week's
Time—Not a Poison

Rats cost farmers over two hundred millions of dollars a year, through the destruction of grain, poultry and buildings. Farmers need no longer suffer this loss because they can now kill off all the rats on their farm in less than a week's time. This is possible through the remarkable discovery of El. R. Alexander, a Kansas City chemist, who has perfected a virus which kills rats, mice and gophers as though by magic. This product is not a poison—it can be eaten by human beings or any animal on the farm as safely as their regular food, but means quick, sure death to rats.



This wonderful rat virus which is known as Alexander Rat-Killer, is merely mixed with bread or meat scraps and placed where rats, mice or gophers can get to it. Within a few hours after a rat has eaten Alexander Rat-Killer he gets a high fever and suffers a terrible thirst. He leaves the barns and nesting holes and goes to the open fields in search of pure air and running water. Rats and mice affected always die away from the barns and houses, so there is no odor.

It is a scientific fact that one rat affects others and soon the whole colony leaves the buildings and dies. And though this virus is absolutely deadly to rats—chickens, hogs, cattle or any farm animal can eat it and not be affected at all.

So confident is Mr. Alexander that Alexander Rat-Killer will kill every rat on your farm in less than a week's time that he offers to send, as an introductory offer, a regular \$2.00 tube for only \$1.00. Give it according to directions and if at the end of a week's time you are able to discover any rats, mice or gophers on your farm, your money will be refunded. A big Kansas City bank guarantees that Mr. Alexander is reliable and will do as he says.

Send NO MONEY. Just write to El. R. Alexander, Alexander Laboratories, 263 Gateway Station, Kansas City, Mo., and the tube will be mailed at once. When it arrives pay the postman only one dollar and postage on the guarantee that if not absolutely satisfactory your money will be returned without question. Write today—a postcard will do—and stop your rat losses now.

INSTRUCTIONS in Practical Pruning
to community classes.
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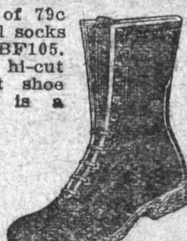
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SAVE MONEY, ORDER NOW. BARGAINS! YOU CANNOT RESIST
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FREE—A pair of 79c guaranteed wool socks with No. MBF100. MEN'S all rubber four buckle arctic. First quality guaranteed over-shoes. Made with double thick soles and heels. Snow excluding. Order by No. MBF100. Sizes 7 to 13. A wonderful bargain. Don't miss it. **\$1.95**

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MEN'S and boys' oil tan cowhide shoe pacs. **FREE**—a pair of wool socks with every pair of these pacs. Order Men's sizes 7 to 12 by No. MBF101. **\$3.95**

Order boys' sizes 1 to 6 by No. MBF102. **\$2.95**

Cowhide pacs that stand the hardest wear. Wool socks free.

MEN'S and Boys' leather top overs. Guaranteed leather tops. New, fresh, clean rubber in every pair. Order men's 16-inch sizes 6 to 12, No. MBF110. **\$4.45**

Order men's 12-inch sizes 6 to 12, No. MBF111. **\$3.85**

Order men's 8-inch sizes 6 to 12 No. MBF112. **\$2.95**

Order boys' 10-inch sizes 1 to 6 No. MBF113. **\$2.85**



LADIES' fine jersey cloth top four buckle arctic. Extra quality, for dress wear. Low and high heels. Order No. MBF216 1/2. Sizes 2 1/2 to 8. **\$3.39**

MEN'S heavy cloth top four buckle arctic. Guaranteed quality. Order No. MBF239X. Sizes 6 to 12. **\$2.98**

BOYS' heavy cloth top four buckle. Guaranteed quality. Order No. MBF209X. Sizes 1 to 6. **\$2.95**

GIRLS' school shoes. Soft black gun metal lace. Strong leather soles. Ideal for school wear. Order by No. MBF114. Sizes 8 1/2 to 3. For the low price asked shoe is a wonder. **\$1.98**



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MELOTTE, the Edison of Europe, manufacturer of the greatest Cream Separator the world has ever known, announces a new smaller sized model together with a sweeping reduction on all Melotte Separators. Every model has been reduced.

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Self-Balancing Bowl The Belgium Melotte is the only single-bearing bowl separator ever made. This patented bowl hangs from one frictionless ball bearing and spins like a top. It skims as perfectly after 15 years' use as when new. Positively cannot over get out of balance—cannot vibrate and thus cause cross currents which waste cream by remixing with the milk. The 600-lb. Melotte turns as easily as the 300-lb. machine of other makes. Spins for 25 minutes unless brake is applied. No other separator has or needs a brake. The Melotte bowl has solved the problem of perfect skimming.

Send This Coupon!

Fill out and mail the coupon for New Melotte catalog containing full description of this wonderful cream separator.

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Without cost to me or obligation in any way, please send me the Melotte Catalog which tells the full story of this wonderful separator and M. Jules Melotte, its inventor.

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—Better Days Just Ahead!



It does not take a prophet or the seventh son of a prophet to catch the glow of better times which has already begun to tint the east.

Depressions like boom-times come in cycles!

Whether you believe it or not, it is a fact that the whole world and all that is in or on it are made of molecules and atoms so tiny that even the most powerful microscopes cannot find them all. And these atoms are never at rest completely.

They are eternally increasing or decreasing—there is never a calm—never a joint at which they stop.

The old pendulum cannot swing always in the same direction—that is putting the whole history of man's affairs into a pat phrase.

AND THE FARMERS' PENDULUM OF FALLING PRICES ON WHAT HE RAISES HAS ALREADY STARTED BACK TOWARDS NORMAL!

There are still manufacturers and dealers, doctors, lawyers and laboring men who have not adjusted their prices to normal. They are buying for \$10 a barrel wheat flour that last year cost them \$15, and yet they expect to sell their goods or their labor at the same old prices.

One by one the peoples friend, old General Competition, is driving this class of parasites to the wall.

Most manufacturers and dealers, doctors, lawyers and laboring men who think (and luckily they are to-day in the majority) are seeing the light, although they had to wait a long time after the farmers of America got hit, to see it!

For instance—It will probably surprise you, as it did me, to learn that for 4,215 bushels of wheat today you can buy four good automobiles (a Buick, Studebaker, Hupmobile and Dodge), one of each, which in 1913 would have cost you 5,058 bushels!

That is another way of saying that the farmers' dollar will buy 20% more automobile value to-day, than it would in December, 1913—and things were normal then, if ever!

These are the hopeful signs that you and I and all the world must see as we gaze towards the horizon of 1922 just a fortnight ahead!

Mt. Clemens, December 17th, 1921.

John W. ...
Publisher.

OUR OWN BELIEF IN "BETTER DAYS" IS EXPRESSED IN THESE TWO BIG SUBSCRIPTION OFFERS WHICH EXPIRE, DEC. 31, 1921

Famous Double-Up Christmas Offer Renewals

Send your renewal for 1 year, \$1; 2 years, \$1.50; 3 years \$2 or 5 years \$3, before December 24th, and we will send the Business Farmer for One Year to any new subscriber, and we will send a beautiful Christmas Card advising that paper will come for a year as a Christmas remembrance from you. You can tell when your subscription expires by looking at the date name on the label.

Ten Cents For 10 Weeks to New Subscribers

In order that every farmer may have a chance to see the good that the M. B. F. is doing for the farmers of Michigan, we have decided to accept new trial subs. for 10 weeks at 10c each during the month of Dec. only. 50c will pay for 5 of these or \$1 for 10. Make 5 or 10 of your friends an inexpensive Xmas present and at the same time be doing your favorite farm paper a much appreciated favor.