

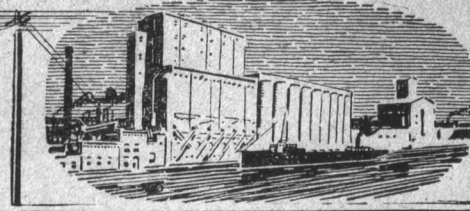
VOL. XIV, No. 4

OCTOBER 23, 1926

The Michigan BUSINESS FARMER



*An Independent
Farm Magazine Owned and
Edited in Michigan*



DAD MAKES A JACK-O-LANTERN

In this issue: Michigan Cattle Win At National Dairy Show—Do You Own And Operate A Roadside Market?—"Bringing Home The Bacon" With Berkeley Rock Wheat—Thru Our Home Folks' Kodaks—Letters on Chicken Thief Campaign—and other features

Are You Getting The Business Farmer Market Reports Being Broadcast Through WGHP?

Issues To Be Voted On November 2nd

By STANLEY M. POWELL

Lansing Correspondent of THE BUSINESS FARMER.

WHEN the War Demons are unleashed, that strange thing which we call Patriotism is aroused and we throw uncounted millions and even life itself into the struggle. Our country and the principles of liberty and popular government for which it stands must be preserved at any cost.

But in peace time what a contrast! We who were so willing to sacrifice or even die for our country and its traditions fail miserably to measure up to our civic responsibility as citizens and electors. We feel very virtuous if we vote at all and it is a miracle indeed if we vote with any adequate understanding of the relative merits of the several candidates and as to just what is involved in the various propositions which come before us for determination.

The General Election, Tuesday, November 2, bids fair to be a case in

point. Besides a long list of officers to be selected there are five issues of state-wide interest to be settled. Four proposed amendments to the State Constitution will appear upon the ballot and in addition there will be the question as to whether or not there should be a constitutional convention next year to draft an entirely new fundamental law for our state.

Five Issues Explained

Among the four constitutional amendments, the one which may prove the most unpopular, but which, to me, seems about the most important and meritorious is the one to ARTICLE V, Section 9 which relates to the pay of members of the State Legislature. The Lieutenant Governor, Senators and Representatives now receive the magnificent salary of \$800 per two-year term.

If a candidate has a large district and strong opposition in the

primary and final election, it is evident that his \$800 would be pretty well spent before he ever reached Lansing to legislate for his constituents.

If a Legislator gets a cheap room some distance from the Capitol, ten to one he doesn't know what is going on until after it is all settled. Many important decisions are reached not in the formal daily sessions, but in hotel lobbies and around the dinner tables.

The proposed amendment would increase the salary per two-year term from \$800.00 to \$1,200.00 and the pay for service during the first twenty days of each special session from \$5.00 to \$10.00 per day.

Reveals Hidden Feature

Hidden away in this amendment and unnoticed by most people who have read it is another feature. This consists of the omission of five words from the present section which have been construed as preventing any member from receiving extra compensation for work done between sessions of the Legislature. With these words omitted, it would be possible for each Legislature to provide

for one or two commissions of their ablest members who would receive a reasonable wage for making a thorough study of certain big proposed legislative reforms and draft well-considered legislation to be submitted to the next Legislature. Students of government in Michigan maintain that only through some such system can we expect to have concise and workable laws rather than the present hodge-podge of piecemeal, poorly prepared statutes. A commission might study some big question like the election laws, criminal procedure or tax reform and then recommend the repeal of a long list of the present statutes on this subject and the enactment of one concise, codified law to take their place.

There are two proposed amendments to ARTICLE VIII. The first of these is to Section 5 and would remove the present restriction which renders a person ineligible for the office of sheriff for more than four years out of any six year period. This might prove desirable in some instance, but would not be without its attendant dangers. Long tenure of office may result in experience and efficiency or in the building up of a machine and the harboring of graft and inefficiency.

Propose "Metropolitan Districts"

The second amendment to ARTICLE VII is to Section 31. It would permit Legislature to enact a general law providing for incorporation by any two or more cities, villages or townships of metropolitan districts for the purpose of acquiring parks or public utilities. This amendment is designed to take care of complicated situations which have arisen mostly in Wayne County because of the tremendous urban and suburban development. The amendment seems to be carefully worded to safe-guard the interest of all concerned and it seems to your correspondent that it might properly be adopted.

The fourth proposed amendment relates to ARTICLE XIII, Section 5 and what is known as the "Excess Condemnation" proposal. It would permit Legislature to authorize municipalities to condemn and take the title to more land and property than is needed in the acquiring, opening and widening of boulevards, streets and alleys and for any other public use. After the improvement had been constructed the municipality could sell or lease the remainder. Such a provision would permit municipalities to obtain land for needed improvements and at the same time profit from the increasing value of these properties. Revenue thus derived would naturally mean that the tax-payers would be relieved of just so much of the burden of the cost of government.

Shall We Have a "Con-Con"?

In addition to the four specific amendments explained above, there will also appear on the November ballot the question of a general revision of the constitution. If this should be approved, a constitutional convention would be held beginning on the first Tuesday of September, 1927. If such a constitutional convention were held, two things are certain—first, it would cost the taxpayers a good many thousands of dollars and second, all sorts of groups and forces would be at work trying to get various changes in Michigan's fundamental law. There is a strong probability that if many of these changes were embodied in the new constitution, it would not be ratified when submitted to the people, because there would be some feature of it that would prove distasteful to nearly every voter.

In view of these and other angles of the situation, there seems to be a growing sentiment to the effect that it would be unwise to hold a constitutional convention and that any reforms that may be desirable might better be secured through individual amendments, such as the four proposals outlined earlier in this article. Our present constitution was adopted in 1908 and is regarded as being quite generally adapted to present conditions.

I am not so much concerned as to whether readers of THE BUSINESS FARMER agree with my position on all of these points, but I hope that each one will study the various questions in general before exercising his sacred privilege of franchise.

The HARVESTER Company offers you a COMPLETE Line of 4-CYLINDER Tractors

[The McCormick-Deering 10-20, 15-30, and FARMALL Tractors maintain the basic design proved right by Harvester experience]

IN 1922 this Company brought out the two well-known tractors—the McCormick-Deering 10-20 and 15-30—fine rugged outfits to fit the requirements of general farming. They have been a wonderful success. Many improvements and refinements have been added but the *basic design, including 4-cylinder engine and 2-bearing, ball-bearing crankshaft*, stands more firmly today than ever with the Company and the farm public. McCormick-Deering 10-20 and 15-30 tractors have become the quality standard of the world, the pride of every owner.

In the meantime the company has bent every effort to solve the special power problems of row-crop handling. As the result of years of developmental work we have introduced the McCormick-Deering FARMALL, specially built for planting and cultivating corn, cotton, and other row crops, and at the same time as perfectly adapted for plowing, drawbar, belt and power take-off work. The FARMALL is the true all-purpose tractor.

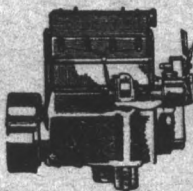
These three McCormick-Deering tractors, available at the McCormick-Deering dealers' stores throughout the United States, *make true horseless farming possible*. In them you will realize the full economies that result from the right practice of tractor farming.

Rely on the McCormick-Deering reputation and after-sales service. *Our firm belief in the design of these tractors is your best assurance of complete power farming satisfaction in years to come.*



The 4-Cylinder McCormick-Deering FARMALL

4-CYLINDER POWER is Standard in Harvester Design!



All McCormick-Deering tractors—10-20, 15-30, and FARMALL—have the *modern power plant*, a fully enclosed, heavy-duty 4-cylinder engine proved by our many years of farm power development to be the most practical power plant for the tractor. We

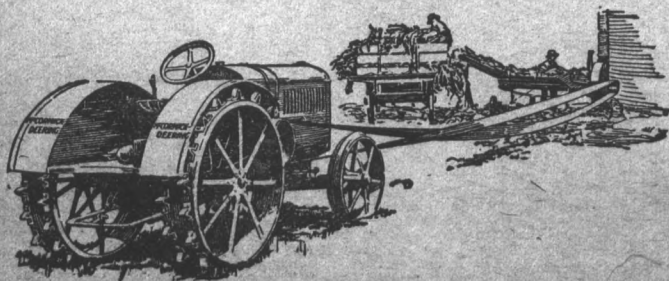
began a quarter century ago with 1-cylinder design, progressed to the 2-cylinder types and outgrew the 2-cylinder period just as the automobile has done.

Our 4-cylinder tractors give the farmer liberal power, steady running, and wonderfully flexible, easy operation not to be obtained by other types. Vibration and surplus weight are reduced to the minimum, parts are properly balanced, all-wearing parts are replaceable, and long life is assured the tractor. The performance of the many thousands of 4-cylinder McCormick-Deerings is convincing evidence of correct design.

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606 So. Michigan Ave. OF AMERICA
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Chicago, Ill.



The 4-Cylinder McCormick-Deering 10-20 2-Plow Tractor

The 4-Cylinder McCormick-Deering 15-30 3-Plow Tractor

"How to the line, let the chips fall where they may!"

The Michigan BUSINESS FARMER

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Michigan Cattle Win At National Dairy Show

Competition Strong In Farmers' Judging Contest But Most Awards Remain In This State

By MILON GRINNELL

THE greatest event of the year in this country as far as dairymen are concerned is the National Dairy Exposition and Michigan was very fortunate this year to have it held within its borders, during the week of October 6 to 13. To celebrate Michigan dairymen kept several of the prizes from going out of the state. Perhaps many firsts did not go to Michigan breeders but when it is considered that this show was declared the best ever held and the entries in most classes the greatest in number and finest in quality of any displayed before it was a great honor to have an entry placed among the first ten animals. Many state fair champions from different states did not even figure in on the winnings at this year's show, the contest was so strong.

The opening day was given over mostly to getting acquainted with what was at the show and preparing for the judging of the various breeds which began Thursday, October 7th, with the Holsteins. W. S. Moscrip, of North Star Farm, Lake Elmo, Minn., judged the "Black and White" entries.

Wisconsin defended her claim to the title of leading dairy state in the Union by winning a large number of the prizes in the Holstein classes but several Michigan breeders got in on the winnings. Among these were: Lakefield Farms, Clarkston; J. F. Berkheimer, Homer; A. H. Buhl, Oxford; Kalamazoo Hospital, Kalamazoo; E. M. Bayne, Romeo; James B. Jones, Detroit; Benjamin Spencer, Quinnesec; Larowe Milling Co., Detroit; Michigan Refractory, Ionia; Detroit Creamery Farms, Mt. Clemens, Mt. Clemens; and J. G. Hayes, East Lansing.

Michigan breeders carried off all of the honors in the farmers' judging contest on Holsteins, competing in a field of 73 individuals from Kansas, New Jersey, Ohio, Pennsylvania and Michigan. In the individual class the gold medal went to S. C. Baldwin of Bennington, the silver one to Arthur S. Reek of Imlay City, and the bronze to Raymond B. Laser of Mason. The Clinton-Shiawassee C. T. A. team, made up of Burr A. Toten of Elsie, Jay F. Bowlby of Ovid and R. C. Woodward of Elsie, won the gold medal in the team class with 254 points. C. S. Baldwin of Bennington, H. A. Knapp and Fred E. Martin of Owosso, the Shiawassee county team got 228 points and won the silver medal. The bronze went to the Macomb county No. 1 C. T. A., E. A. Hardy of Rochester, Albert Luchman, of Washington and Jack Harvey of Utica being the members, and they had 221 points.

Jersey Day

Friday was Jersey day in the judging ring and C. H. Steeples, Louisiana A. & M. College picked the winners. Among the winning breeders could be found Brennan, Fitzgerald & Sinks of Farmington, Alton Hoopinger of Hillsdale, and the Oaklands of Ann Arbor.

In the judging of Jerseys Ohio and Michigan farmers competed and only one "Buckeye" placed. This was E. N. Lamb, of Bowling Green, who won the silver medal in the individual class. The gold medal went to H. Delos Parrish of Fairgrove, and the bronze to O. G. Wauh of Owosso. In the team class the Gladwin county cow testing team, made up of Leland Van Dayke, E. G. Witkowski and Clarence Glidden, all of Beaverton, won the gold medal. Second place and the silver medal went to the Kent county team from Grand Rapids, composed of F. E. Eardley,

A. P. Edison and Ivy Smith. The bronze went to the Washtenaw county team, Rolland Stein, Henry G. Latson and E. W. Martin of Ann Arbor being the members. There were 60 individuals and seven teams.

Students' Judging Contest

The names of the winners in the inter-collegiate judging were given out at the banquet of the American Dairy Science Ass'n Friday evening and the members of the Michigan team were proud to learn that in judging Holsteins they had placed first in both team and individual work. The Michigan team was made up of H. J. Foster, G. T. Witburn and Theo. W. Knopf, with Geo. Taylor coaching, and they won the Holstein-Friesian cup. In the individual work H. J. Foster won a \$400 scholarship from the Holstein-Friesian Ass'n as first prize. He was trailed by his teammate, Theo. W. Knopf. Third place went to Texas. Michigan did not place in the judging of other breeds.

Sweepstakes went to South Dakota, with Ontario second and Oregon third. Teams from 27 states completed.

In the judging of dairy products Michigan's team won eighth place, being sixth in milk, sixth in cheese, eighth in butter and ninth in ice cream, in a field of 13 teams. Iowa won sweepstakes in this class for the second time in three years and the trophy, donated by the National Dairy Ass'n, became theirs permanently.

Country Children's Day

The features of Saturday's program were the judging by the Boys and Girls Club members and the vocational school students. Saturday was known as Country Children's Day and all rural children accompanied by their parents were admitted free.

At a banquet given the vocational school students by the Michigan State Farm Bureau at the Detroit Y. M. C. A. Saturday night it was announced that the California team had won first place, New Jersey second, Maryland third, Georgia fourth and Illinois fifth. High individual in judging all breeds was John Gleason from Minnesota, and his reward was a \$400 scholarship offered by the DeLaval Separator Co. Michigan did not place.

The coaches of the teams from twenty different states, representatives of the leading dairy breeds associations and vocational school teachers from this state were also guests at the banquet, making around 175 present and C. F. McIntosh, a member of the federal board for vocational education, was the principal speaker.

The American Dairy Federation also had its banquet that night and the winners were taken from the Y. M. C. A. to the Book-Cadillac hotel so that those attending the dairy federation banquet might see them.

Sunday the Show remained open and a band concert was put on in the Coliseum.

Cattle judging was resumed on Monday with Ayrshires and Brown Swiss taking the spot-light. H. H. Kildee, of Iowa State College, judged the Ayrshires, while George Humphrey, of Wisconsin State College of Agriculture, judged the Brown Swiss.

Competition was unusually keen in Ayrshires, with animals owned by James E. Davidson, Bay City ship builder and national Republican committeeman, winning several prizes,

including the senior and grand champion cow and bull. Other Michigan breeders who figured in on the winnings were Brown Rochester Farm Co., of Rochester and Booth Stock Farm of Northville.

Due to the small number of Ayrshire breeders present the farmers' judging contest in this breed scheduled for Monday was called off.

In the Brown Swiss division Michigan was represented by L. S. Marshall & Sons of Leslie, Amos Curtis of Manchester and Ernest Jackson of Parma. The Marshalls had winners in the majority of the different classes. Michigan also won first in state herd of eight animals entered by a state breeders' association.

Milo H. Peterson of Ionia was awarded the gold medal as the best judge of Brown Swiss cattle. Erwin H. Krauss of Sebawaing captured the silver medal and R. A. Kyser of Lowell the bronze one.

Judging Guernseys

Guernseys held the center of the stage on Tuesday and the finest of the blood, costing all the way up to \$35,000 for one animal, was there. H. H. Kildee of Iowa State College was the judge and no one envied him his job because of the close competition. There were more millionaires with entries in this class than any of the other breeds we dare say. Among them were: J. C. Penny, of the J. C. Penny department stores; Mr. and Mrs. Chauncey McCormick, Naperville, Ill.; William H. Williams, Lyon Mountain, N. Y.; W. A. Fisher, Rochester; D. D. Tenney, Crystal Bay, Minn.; and H. S. Firestone, tire manufacturer of Akron, Ohio.

With 33 individuals and four teams from Ohio, West Virginia and Michigan competing in the Guernsey judging farmers from this state carried off all the prizes. In the individual class H. G. Tyrell of Detroit won first, G. H. Hitchcox of Athens second, and Ludell W. Cheney of Mason third. First in the team class went to the Lansing-Ingham C. T. A., composed of Ludell E. Cheney of Mason, Leslie A. and Moryl Wilcox of Lansing. Second prize went to the Parma-Jackson C. T. A. team, made up of George Van Marter and Jasper M. Godfrey of Parma, George A. Willson and Clem Chalker of Ovid.

Grade Cattle

Michigan had things her own way in the grade cow classes as there were no entries from other states, except in the Ayrshires. H. H. Kildee judged. In the Holsteins the Larowe Milling Co., Detroit, had the champion cow and won first on cow with test association record of 250 pounds and first cow with record of 300 pounds. Other winners in the two latter classes were: Louis Schoof of Washington, George Drake of Kalamazoo, Kalamazoo State Hospital, Max Abbott of Alamo, Reuben Hazen of Coloma, Frank Wilcox of Romeo, and Bert Collins of Eau Claire.

Macomb county cow testing association No. 1 was first in the class for five cows from a single testing association, trailed by Kalamazoo and Berrien county associations.

The champion Guernsey grade cow was entered by George Westgate of Fremont. She was also first in the class for cows with 300 pound record. Berrien county had the only entry in the class for five grades from a cow testing association, in the Guernseys.

V. D. Sanders of South Haven showed the champion cow in the

Jerseys, and he also won three firsts, a fourth and a fifth. Allegan county was first in the class for five cows from a single association.

Brownie, owned by Ralph W. Cripps, of Camden, Me., was the champion Ayrshire grade. She holds the world's record for milk production among Ayrshire grade cows.

Boys and Girls Classes

In calf club contest Clarence Merchant, of Cass City, won third place in the Holsteins with his Michigan State Fair champion. Second and third places went to Michigan in the state groups, with Watson Spaven, Clarence Merchant, Yale Salisbury and Kenneth Proctor getting second, and Ellsworth Zimmerman, Charles Monroe, Margaret Hough, Elmer Twitchell and Raymond Laser taking third.

In the Guernsey class Michigan, represented by Cyril Spike, got fourth, and second place was ours in the state group. Our team was composed of Cyril Spike, Carl Luderhman, Lawrence Moore, Jack Stone and Raymond Schaffer.

Third place went to Michigan in the Jerseys, Warren Goss being our representative. Fifth and sixth were our places in the state group winnings. Warren Goss, Russell Partidge, Mac Olds and Grant Ball won fifth, with Treavor Dyer, Willow Newell, Sircy Simons, Laurel Bailey and Willie Roost winning sixth.

There were no state groups in the Ayrshire class but "Heifer over two" was won by Dorwood for Michigan.

Clarence Reynolds won second for Michigan in Brown Swiss.

Michigan Special Jersey—Won by Hillsdale county, Vernon Shilling, Erwin Ramsey, Laurel Bailey, Sircy Simons, Trevor Dryer, Ruth Van Vorhis; second, Washtenaw County, Frederick Rathfon, Robert Griggs, Warren and Kelly Goss, Margaret Martin, John Krummel, Jue Nanry. Holstein—First, Hillsdale, Robert Clement, Raymond Laser, Curtis Smith, Dean Emens, Charles Monroe, Ellsworth Zimmerman, Yale Salisbury; second Tuscalo County, John Kirk, Ford Howell, Harry Severence, Clause Mitchell, Ray Brown and Clarence Merchant, third, Eaton County, Jackson Bros., Elmer Twitchell, Elmer Trout, Gerald Chaplin, Margaret Haugh, Duane Burton, Robert Hunt. Guernsey—First, Hillsdale County, Marion Rice, Oliver Brott, Clark DuBois, Jack Stone, Orville Stone, Raymond Schaffer.

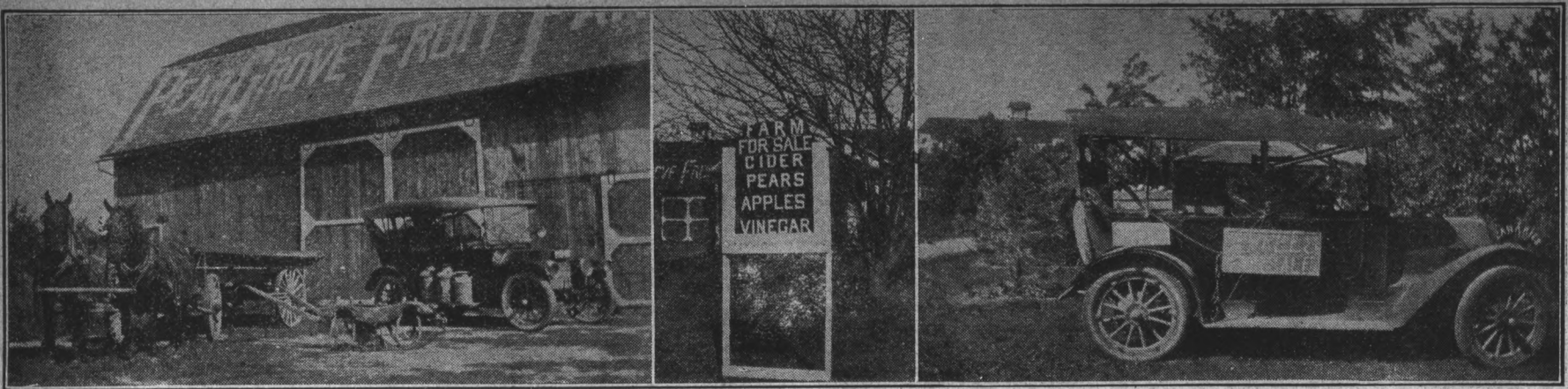
Other Features

Women attending the exposition made the Woman's building their headquarters where Mrs. Edith M. Wager, of Carleton, Mich., was in charge. An interesting exhibit of electrical appliances for use in the farm home, made possible through keeping good cows, got considerable attention from the visitors.

The health show, held in the Dairy building, also was a popular place with the women. Many exhibits of interest to the women were made in this building.

Exhibits of dairy machinery and feeds occupied most of the floor space in the new agricultural building but the main attraction was the display by the U. S. Department of Agriculture. Separate booths, consisting of many real and lifesized models, were devoted to the following subjects, one subject to each booth: What is the normal growth of heifers? Rapid changes in conformation taking place in growth and development; Relation of outside measurements of cow to certain inside measurements; Sterilizing dairy utensils; Random selection of sires; The

(Continued on page 23)



Three very interesting pictures sent in by F. C. Horn, of Auburn, a farmer who operates a roadside market. In the first one three methods of transportation are represented: ox yoke, team and wagon, and automobile. The sign on the roof of his barn he considers a good investment. In the center picture is shown the sign he has placed beside the road, while in the picture on the right is his portable roadside market. Two signs on the side advertise "Sweet Cider" and "Apples for Sale."

Do You Own And Operate A Roadside Market?

If You Do Enter Our Big Cash Award Contest by Writing Us Your Experiences

SOMEONE made the statement that if you have something that the public wants they will wear a pathway to your doorstep to get it, even though you may live in a wilderness. He should have added that after that it was mostly up to you as to how much business you would do. Some would be satisfied to let the public continue to travel the narrow pathway into the wilderness, others would invest their first earnings in locating where the people could find them easily, where they would come oftener and buy more, thus increasing profits many times over.

Food is something that we must have to live. If necessary the public would go to the ends of the earth to get it, but it is not necessary. There are men who make their living by bringing this food to the consumers and they are paid well, as a rule, for their labor.

The farmer produces many of the different foods required by man and most of this food goes to the towns and cities in wholesale lots where it is displayed and the larger per cent of the people make their purchases.

As some of the food must go through several processes in large factories before it is ready to be put on the market it would be impossible for the farmer to entice the consumer to his doorstep for it in its raw stage, and to bring it back to the farm to sell after it had been manufactured would not be practical. But there are many foods grown on the farm that can be sold direct to the consumer. These include vegetables, fruits, eggs, poultry, and articles manufactured on the farm such as butter, canned fruits, jellies, preserves and refreshments.

Beginning of Roadside Markets

It was but a few years ago that many of the people living in the cities did not know what a farm looked like. Automobiles have changed things. Now almost every family has an auto of some kind or knows someone who has one and they get out into the country often, also the country folks get into the city. It now takes minutes to travel a distance that it formerly took hours.

Farmers began to display fresh vegetables for sale and the motorists stopped to buy. They realized at last what the word "fresh" really meant, they told their friends and came back for more. That marked

the beginning of the roadside market which today you find on all of the main highways and many byways.

In the early days salesmanship at a roadside stand or market was unusual, but here too there has been a change. Many farmers are becoming experienced salesmen, they study the desires of their customers, and try to please them with high quality produce and right prices. Stands are becoming more numerous each day and that means more competition for trade, with the one serving the public best getting the largest percentage of the business. Stands are made attractive and the produce displayed in a pleasing manner to catch the eye of the passing motorists.

This method of marketing has spread so rapidly during the last two or three years that this past summer a meeting was called, following an investigation, to discuss standardizing the roadside market. It was finally decided that this should be done under the direction of the state.

This method of marketing is highly pleasing to the farmer because it

saves him the work of hauling his products to a market many miles away and taking a wholesale price, and he retails at the roadside at a price that shows him a reasonable profit.

Some have made a real success of roadside marketing, they have gotten out of the "wilderness" with different ideas, while others have failed. This is of course true of any business, and it may not always be the lack of ambition or market that causes the failures. Some folks have natural instincts along certain lines and they succeed in a business of that nature. If your neighbor has the instinct of a merchant born in him and you haven't he is better equipped to operate a roadside market. But if you try out his ideas you will probably find that your business improves, and if you add the ideas of other successful market operators you may pass him in the amount of business done, if he just follows his own ideas.

Our Contest

Many of our subscribers are successful roadside market owners and

operators and we recently started a contest to get their ideas to pass along to the fellows who are not so successful. So far we have received several letters and we are publishing one received from F. C. Horn, of Pear Grove Fruit Farm, near Auburn, Bay county, to give you an idea of what we want:

"I am sending you three pictures. One is of the road sign that tells the story at the time each product is ready, another of our portable roadside stand, and the third of our barn showing the sign on the roof which is a splendid ad for our business."

"Some of the things we sell are berries, currants, apples, pears, plums, grapes, cider, vinegar, potatoes, seed corn, eggs, chickens and garden truck. While we are supplying our customers at the roadside market we are booking orders for future delivery. It generally keeps two of us busy to take care of our Saturday trade."

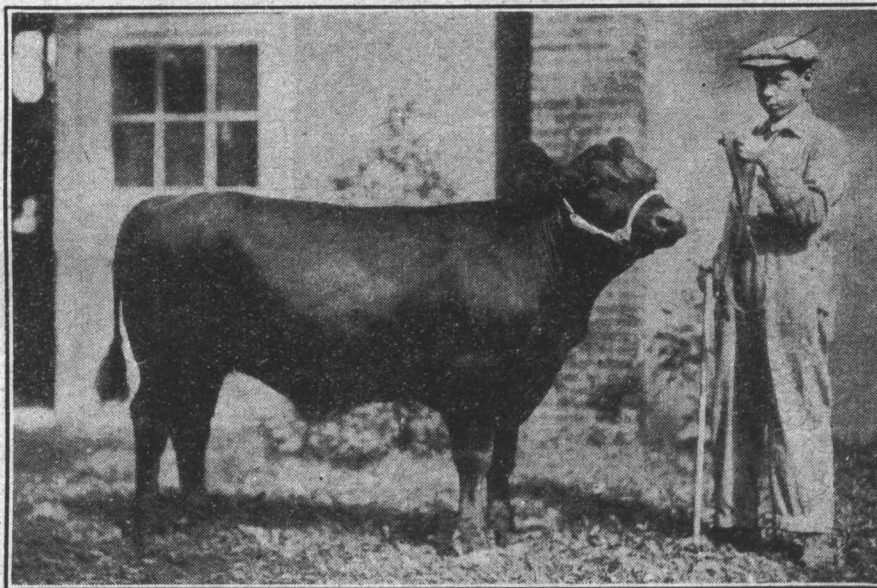
"We also wholesale some of our stuff at the storage house."

More Details

The above gives you a fair idea of what we want, but in addition to this information we would appreciate more details. Why, in your estimation, have you made a success of your market? What do you find the public wants most? What did your stand cost and how much does it cost you to operate it? How much are your total receipts for a year, also your profits? How many months of the year do you keep your stand open? Do you find many of your buyers become steady customers? And any other details that may occur to you.

For the best letter received by November 1st we are offering \$5.00, for the second best \$3.00, the third best \$2.00, and \$1.00 each for all other letters on this subject that we publish in these columns. Of course we would like pictures of all the markets so if you have one send it in with your letter and we will allow you 50 cents extra for it if we can use it.

Remember the closing date on this contest is November 1st, so get your letter in the mail by that date as we cannot accept any entries postmarked later than that. Pass along your ideas for the benefit of the other fellow and possibly his ideas will help you.



STATE CHAMPION IN CLUB WORK

This Holstein was State Champion in Club work for 1926 at the Michigan State Fair and is fed and owned by Clarence Merchant, Cass City. About 80 Holsteins were in competition for this prize. This is the third consecutive year that Cass City boys have won this honor and much credit is due Willis Campbell who directs the work in Tuscola county.

"Bringing Home The Bacon" With Berkeley Rock Wheat

By H. C. RATHER

Extension Specialist in Farm Crops, M. S. C.

BERKLEY Rock Wheat, the new semi-hard winter wheat which was introduced a year or two ago by the Michigan State College, has recently been given wide prominence throughout mid-west states by one of the certified seed growers, Mr. G. P. Phillips of Bellevue, Michigan. Mr. Phillips entered one-half bushel of his Berkeley Rock at the Central States Exposition held at Aurora, Illinois, in early September, and not only won first in the class for certified seed wheat but won the wheat championship of the Exposition.

In addition to his winning with Berkeley Rock Wheat, Mr. Phillips

won second on single ear, fourth on ten ears and fourth on shelled corn, with entries of Duncan Corn, and fifth on soy beans, with an entry of the Manchu variety.

The record of Mr. Phillips' sample Berkeley Rock, in winning the championship of the Central States Exposition, ranks it with Michigan's other blue ribbon variety, the Red Rock, as being one of the best quality red wheats now being grown by eastern and mid-western farmers. The Red Rock has frequently won highest

honors in soft red winter wheat at State Fairs, special wheat shows and the International Grain and Hay Show. Berkeley Rock resulted from a cross between Red Rock and a hard wheat known as Berkeley.

Because of its hard wheat parentage, the berry is somewhat shorter than the Red Rock. It is also harder, but higher in protein, taking on more of the characteristics of the hard red wheats of the west. This makes it very desirable as a bread wheat. Its most outstanding feat-

ure, from the standpoint of the grower, is the fact that Berkeley Rock is essentially immune to the wheat smut. When the loss caused by stinking smut or bunt and loose smut of wheat is considered, Berkeley Rock deserves a good deal of consideration because of this feature.

During the time when the variety was being tested out at the Michigan State College, Dr. G. H. Coons, Plant Pathologist, took seed of several varieties and thoroughly saturated it with spores of the stinking smut. When the crop was ready for harvest, nearly all the varieties showed from 70 to 80 per cent of smutted (Continued on page 18)

THRU OUR HOME FOLKS' KODAKS



HELPING PICK UP POTATOES.—Virginia, granddaughter of Joseph Gebhart, of Rose City, Ogemaw county, helped her grandpa by picking up potatoes for him. He planted 2 bushels and dug 57.



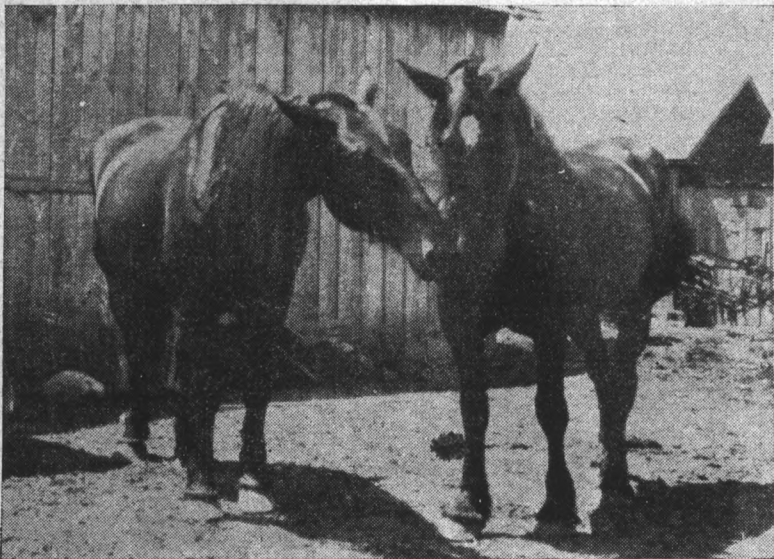
"ARE WE OVER WEIGHT?"—"I guess not but we nearly hit the 200 pound mark," writes Iola Raney, of Fairgrove, Tuscola county. Left to right are: Florence Kipmiller, Auburn, age 15; Iola Raney, age 18; and Helen Kipmiller, Auburn, age 13.



PICTURE OF POP AND HIS PET PIG.—We are indebted to Thelma Harnish, of Palms, Sanilac county, for this picture of E. Koppel and pet pig. We will not spring any joke about Mr. Koppel being the one with the overalls on.



WHO LIKES WATERMELON?—Apparently George Edward, small son of Mr. and Mrs. Herbert Oliver, of Bergland, Ontonagon county, does. He is grandson of Mr. and Mrs. Demaray, of Sebawa, Ionia county.



MAN'S FAITHFUL SERVANTS.—This fine team is the property of Herman Haagen, who lives out of Trufant, Montcalm county. Their names are Prince and Dan and their weight is 3400 pounds. Horses of this kind are not very plentiful these days and we will wager that it would take quite a fancy price to induce Mr. Haagen to part with his team.



"HALT, WHO GOES THERE?"—You see here a determined looking Indian scout who is known as Vincent Ketchum, and he was doing his scouting on the farm of Mrs. Wm. Krause, St. Charles, his aunt.



"NOW, EVERYBODY SMILE."—Bruno Neuman, of Sebawaing, Huron county, with his two nieces, Martha and Marie Dressler, and their pet, Daisy. All but one niece seems happy over having their picture taken.



PEACHES AND BERRIES.—One might call this a fruit picture, there being both peaches and berries shown. But the peaches are berry pickers. Mrs. C. J. Koff, of Adrian, Lenawee county, sent the picture.



A JOKE.—"Why are rabbits considered good mathematicians?" asked one girl. "Because they multiply so rapidly," replied the other. They are daughters of Mrs. Sam Monte, who lives near Akron, in Tuscola county.



SOMEONE CELEBRATED THEIR BIRTHDAY.—"The neighborhood children gathered at our place for a party," writes Mrs. John H. Crawford, of Elsie, Clinton county. Can you pick out the one the party is held for?



SIXTY-FIVE BUSHELS FROM TWO.—John Finger, of Prescott, Ogemaw county, planted 2 bushels and dug this pile of 65 bushels of potatoes. His son, Leo, is trying to help him get them loaded.

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TENANT TO HAVE GARDEN

Will you please tell me about a garden? A rented B his farm and A furnishes everything, team, tools, and stock and B gets $\frac{1}{2}$ and there was nothing mentioned about a garden. Will A receive his $\frac{1}{2}$ the same as other crops? B put in about $1\frac{1}{2}$ acres of garden truck in different places on the farm and B has put in beans and potatoes along the railroad and used A's team and tools to put in his crops along railroad. Can A get pay for use of team and tools that were used off farm? They were used without permission from A.—W. T. W., Eaton Rapids, Michigan.

It is common practice for the tenant to have a garden sufficiently large to raise provisions for his household only. If any garden products are sold the landlord should share in the proceeds—same as any other crop.

The landlord should share in the income and expenses of any outside crop unless otherwise agreed upon.—F. T. Riddell, Research Assistant in Economics, M. S. C.

ROTTING STUMPS

I have a lot of green stumps. Would you please tell me what to put on them to make them rot quick?—B. B., Saginaw, Michigan.

As far as we are aware there is no practical method of making the stumps rot quickly. Rotting is brought about by the action of fungi and bacteria, and we know of no economical method of hastening such action. Stumps can be destroyed by the use of strong acids or alkalis which tear down the cellulose. This method is exceedingly expensive.—P. A. Herbert, Assistant Professor of Forestry, M. S. C.

BRING SUIT OR IMPOUND PIGS

A neighbor about four miles from my place has a piece of land near us and he put a drove of about ninety or a hundred pigs and hogs and they are rooting up everything I have planted and the dooryard. I have notified him several times but that doesn't make any difference. What can I do to make him either fix the fence or move the hogs and pigs.—M. M. T., Albion, Michigan.

YOU could bring suit against your neighbor to recover damages, or could impound the hogs in the township pound, or your own enclosure, if there is no township pound, and after giving your neighbor notice, hold the pigs until the damage is paid.—Legal Editor.

MUST OWN PROPERTY

Can a person that is not a taxpayer in the district be a school officer? Or could they hold an office if they were just parents and residents of the district? Can a school board be compelled to hire a conveyance for children living in the district but five or six miles from school and all children under nine years of age?—W. R., Elmira, Mich.

THE law provides that in order for a person to be a school officer such person must be the owner of property in his own right, and the same must be assessed for school taxes in the district.

The school board cannot be compelled to hire a conveyance for the children living in the district, such children living some distance away from the school, even though the children may be under nine years of age, if such district is a primary or graded district.—W. L. Coffey, Deputy Superintendent of Public Instruction.

ALFALFA IN BARLEY OR WHEAT

Will you please tell me how it would be to sow alfalfa seed in spring barley or sow it in the wheat in the spring.—Mrs. B. M., R3, Marcellus, Michigan.

ALFALFA may be sown at the time barley is sown provided the grain drill has a seeder attachment. The tubes from the seeder attachment should seed the alfalfa seed broadcast rather than al-

lowing it to flow down the grain tubes. In case the drill does not have a seeder attachment I would suggest sowing the alfalfa broadcast after the barley has been sown and cover with a spike tooth harrow. Alfalfa may be seeded in the spring on fall sown wheat by seeding broadcast and dragging in with a spike tooth harrow.—C. R. Magee, Associate Professor of Farm Crops, M. S. C.

DOG LAW

Are owners of dogs by the state law allowed to let their dogs run at large by day or by night without collars or tags attached to their neck? Also would like to know if a man owns a female dog and finds other dogs prowling around his premises barking at night or day has he a right to use any fire arms to drive or scare them away?—E. W., Albion, Michigan.

THE state law prohibits the running at large of dogs between sunset and sunrise. They must also have collars with tags attached. You would have a right to use fire arms to drive them away or scare them under these circumstances.—Legal Editor.

DOES NOT COME AFTER HORSES

A sold B a team of horses and took a mortgage on them. It came due on August 1st. B had a justice notify A to come and get them and A has not come and got them. What can I do with them? Can A take them without paying for their feed?—J. W., Hillman, Michigan.

A WOULD not have to come and get the horses if he did not want to and if he did he would not have to pay for their feed. B would have to pay for the horses or allow A to take them, but could not compel him to take them.—Legal Editor.

HORSEWEED

Does horseweed or mare's tail supply nectar or pollen? How long does it stay in bloom? Is the honey of good quality to winter bees in cellar?—F. S., Farmington, Mich.

I WILL say that its usefulness is practically nil. It is not mentioned in our honey plant lists and one very seldom sees bees working on it. This might be altered by locality but I would not advise a beekeeper to try to winter bees on this honey because it is an unknown quantity and I would much prefer to use clover honey which we know will winter bees properly.—R. D. Kelty, Asst. Prof. of Entomology, Apiculturist, M. S. C.

BULLETIN SERVICE

The bulletins listed under this heading are free. If you desire a copy of one or more clip the list, check those you are interested in, and send to us with your name and address. Bulletins will be forwarded without charge of any kind.

Bulletin No. 1.—POULTRY RATIONS. A 168 page book devoted to the making and feeding of poultry flocks and baby chicks. Many interesting illustrations and formulae. Complete description of poultry feed manufacture and distribution.

Bulletin No. 2.—"HANDBOOK OF MODERN WATER SUPPLY." A valuable booklet of 32 pages, covering the whole subject of water supply to the farm home, giving sources, installation and type of pumps, a highly valuable book for anyone who is thinking of putting in or improving his water system.

Bulletin No. 3.—SOIL FERTILIZERS. Barnyard manure, Fertility in the air, lime, straw-spreading, top dressing, wood ashes and commercial fertilizers are all taken up in this valuable bulletin.

Bulletin No. 4.—SEED CORN CURING AND STORING. The selection of seed corn this fall is a very important problem and the information given by Prof. D. F. Rainey and Prof. F. E. Fogle of the M. S. C. in this circular bulletin will prove a great help to you.

Bulletin No. 5.—THE GOSPEL OF GOOD FEEDING. This bulletin tells how to feed profitably according to practical experience and was prepared by the former editor of a dairy publication.

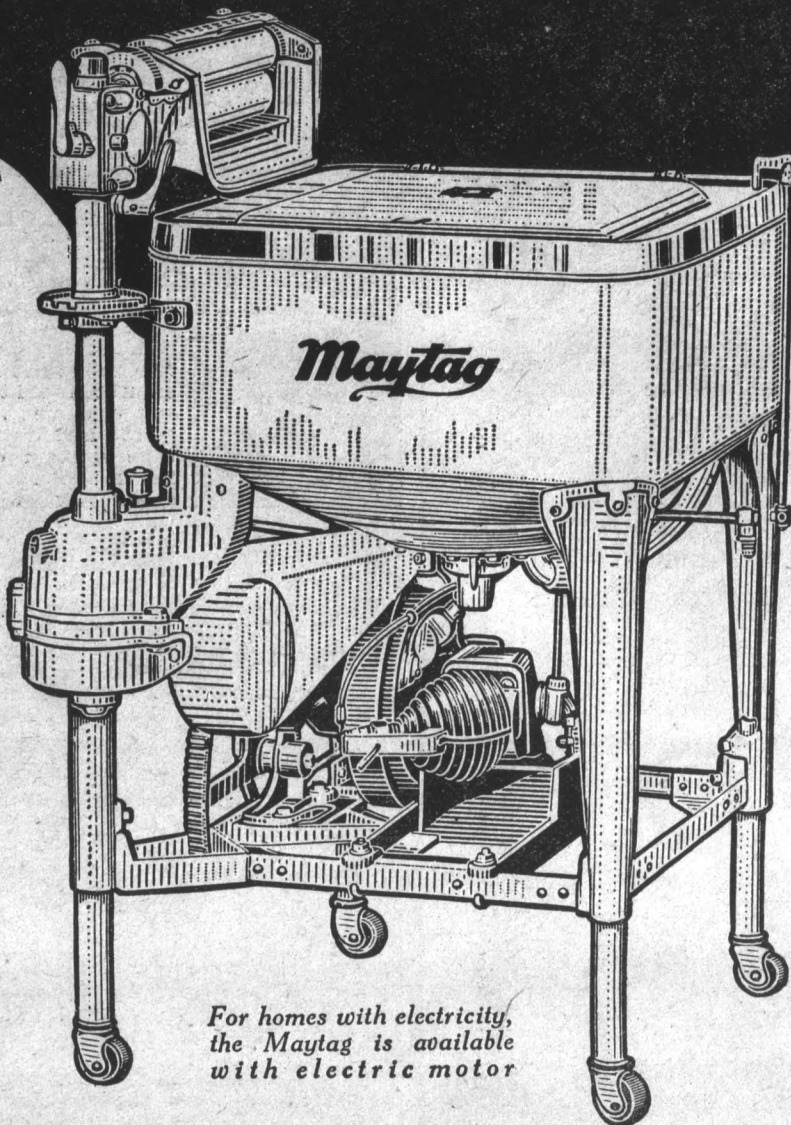
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Flat Rock.....M. F. Keenan
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Hamilton.....Harry J. Lampen
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Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

(Many people write for Mr. Meek's advice on different problems and he is always glad to give them the benefit of his wide experience without charge. Address him care of M. B. F. and you will receive a personal reply by early mail if you are a paid-up subscriber.)

At A Standstill

It was so rainy nearly all of last week, very little was accomplished with out door work, and, having had so much rain since August 1st., it seemed quite reasonable to expect this week would be more free from rain, but that was only a pleasant anticipation, for the week is half gone and it has rained every day. The ground is so saturated with water, one is almost afraid to take a team on fields which are apparently dry. Our farm is mostly high land, and, if any one can get on their land to work, we can—and this has proven quite a blessing this fall. In fact, we were able to run a corn binder on three of our fields when most farmers thought it impossible.

A friend from Lenawee county was telling the writer about a farmer in his section who used four horses on his corn binder, and had four horses on his wagons for hauling the corn to the silo. Now this man may succeed in getting his silo filled, but he is doing a great deal of damage to his field, and the silo filling may prove to be a very expensive operation. At this writing, I believe I am safe in saying there is not one silo in ten in Hillsdale county that has been filled. It would seem there are half of them which will not be filled this fall.

A heavy rain came yesterday afternoon, and continued until along toward night, when the sun broke through the clouds, and, in the east, a most beautiful rainbow brightened the heavy black clouds. The old saying, "A rainbow at night, the sailor's delight," came to mind, and I had really planned on a pleasant day today—but that was only a pleasant thought to entertain during the evening—a look at the sky showed all the stars brightly shining, and what a lot of work was planned for today! But today is here, and it is raining, and has been, more or less, throughout the night. It means we shall surely have to give up sowing one field of wheat. This field is not on our home farm, and there is a low stretch of ground running across the center of it, containing perhaps a fourth of the acreage. A corn field joins this field, and has the same ground level. We were able to cut the corn with the binder on either side of this low ground, although we had hard work to get the binder across for work on the far side. We did, however, and had the corn nearly cut when a heavy down-pour came and there the binder is,

and we can not get it out! We were through using it, after this field was cut, but we would like to put it under cover.

Corn was down quite badly in many places this year, some fields being about flat. A corn binder would not work on these, but we were able to use the binder on all our fields, and, while some places were down considerably, it is surprising how well the binder picked it up. We have never timed ourselves in cutting corn with the binder until this fall, and on exactly six and one half acres it required just 14 hours of man labor and seven hours of three-horse team work, to put it in the shock. There are not more than five bushels of ears knocked off, and, as this field stood up well, there are practically no stalks but what are cut and bound. The next field contained five acres and the corn was down in many places. This was cut in about six hours, and six hours were required to set it up. This field shows more corn uncut for it was flat in some places, and, where corn leans away from the binder, it cannot pick it up. And how a few uncut stalks do show up a corn field! In a wheat field, there are many, very many, straws with heads of wheat that escape the bundle and lie around all over the field, but no one ever notices or mentions it. With corn it is different and yet, no doubt, the wheat left on a field is of just a great value as the corn left on most binder cut corn fields. Do not misunderstand me. I would prefer to have most of our corn cut by hand, but with the labor we have this is impossible, and for this reason we like the binder. Twenty five years ago help was abundant, and from seventy-five cents to a dollar would hire an acre of corn cut, but that is history now, and without a binder today, our corn would go uncut. I feel the same about husking corn with a shredder. I would far rather have it husked by hand, but it is impossible to get it all out this way, and the husker will do it, although it may not be as neat a job.

It is quite evident the time has come when farmers must accomplish farm operations the best they can even though this may not be the ideal way or the one they prefer.

No doubt two thirds of the people will say labor shortage is the worst problem with which a farmer has to contend, or that the shortage of labor is the cause of the so-called agricultural depression. However, this is open for discussion and in a near future article the writer will give some of his views on the subject.

He Is In Error

Have just been reading in a farm paper the views of some one showing one way the farmers are lax. He (Continued on page 21)

WHERE OUR READERS LIVE

Haven't you a picture of your home or farm buildings that we can print under this heading? Show the other members of The Business Farmer's large family where you live. Kodak pictures are all right if the details show up well. Do not send us the negatives, just a good print.



HOME OF MR. AND MRS. JAMES CARROLL, OF MONTROSE
No, this home is not located in some city. It is the farm home of Mr. and Mrs. James Carroll, near Montrose, Genesee county. Mildred Carroll sent the picture to us.



SAVES ALL
THE CORN

MARTIN "Corn Saver" CRIBS

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FRUIT AND ORCHARD

—Edited by HERBERT NAFZIGER, Berrien County—

(Mr. Nafziger will be pleased to answer your questions regarding the fruit and orchard. There is no charge for this service if your subscription is paid in advance and you will receive a personal reply by early mail.)

No. 1 GRAPE GRADE A WEAKLING

THE grape movement is in full swing in southern Michigan as this is being written and as usual the No. 1 grade is proving itself a weak sister. On September 30, it



Herbert Nafziger

is estimated 150,000 packages of grapes crossed the Benton Harbor market alone, and of this number it is safe to say that not 5% were marked No. 1. The growers are picking good and bad together and marking them all No. 2. That this is bad practice and detrimental to the grape industry is undoubtedly true, but, in this case, we believe that the much criticized grower is not to blame. The blame should be put where it belongs, namely; on an impractical and unworkable grading law.

We believe that, for all practical purposes, there are at present, only two grape grades, the Fancy Table grade and the No. 2 grade. There is in fact, not enough difference between the Fancy Table grade and the No. 1 grade to make the latter of any use whatever.

The No. 1 grade, being packed mostly in jumbo baskets, is used almost entirely for juice purposes, and, as long as the grapes are well colored and mature, we see no reason why this grade should not in-



MEET THE MISSUS, GIRLS

Girls, (we are speaking to those whose hearts flutter when they see a picture of our handsome Fruit and Orchard editor) we want you to meet Mrs. Herbert Nafziger. We hated to do this but as he is happily married we thought it best that you know, so that you can encourage the attention of local admirers before it is

clude a good big tolerance for straggly bunches. The No. 2 grade could then serve for grapes which have not colored properly and do not meet the other grade requirements.

It is true that the present No. 1 grade includes an allowance for "less compact" bunches, but under the law as it is interpreted at present, "less compact" does not mean "straggly".

We believe that the grape grading laws should draw clear and unmistakable lines between the grades, so that the Fancy Table grade should be a good grade, the No. 1 fair and the No. 2 poor.

A successful No. 1 grade is vital to the grape industry. Why not put it on the map by making it practical and workable. As the law stands at present the No. 1 is merely a paragraph in a circular and means nothing to the practical grower.

CANE-BLIGHT

I am anxious to know what causes the raspberries, blackberries canes to snap off or in two without much effort. Also they wilt and die at ends, not all but some of them. Also what is cause of heavy bearing crumbly, tasteless berries? What would you advise as winter protect, cover crop? We have heavy snow here but they are in a valley where snow does not lay very deep; goes earlier than side of hill. Can we sell fruit plants in our vicinity with-

out inspection? How do we go about it for inspection if compulsory? Our grapes have been out three years and have not borne on side hill where snow is heavy. We trim close. What would you advise? We have no disease.—Mrs. L. O. B., Buckley, Michigan.

JUDGING from your description we believe that your raspberries are affected with cane-blight. This disease affects the canes and the berries. A whole cane or a branch may suddenly wilt or one side of a cane may be affected which will cause it to become very brittle. The only treatment is to remove and burn the old canes immediately after harvest. In the early spring the patch should be gone over again and all dead diseased canes removed and burned.

Oats will make a good cover crop to hold snow and add humus to the soil.

You can sell plants to your neighbors without inspection but if you wish to advertise or sell to other nurseries then we would advise you to write to the State Inspector of Orchards and Nurseries, State Department of Agriculture, Lansing, Michigan.

You are considerably north of the commercial grape belt so perhaps your grapes have not been out long enough to bear. If the grapes are growing well then all that is necessary is patience. Barring frosts they ought to bear next year.

GOING INTO BERRY BUSINESS

We are just beginning to cultivate strawberries, also raspberries. We have rich sandy soil and also some low land fine for gardening or fruit. Now my problem is where and how will I find a good market? It would be a help to ship all we raise to one place. I ship my poultry to a commission house in Detroit. Can you tell me where I could ship fruit or berries and get a fair price? We think we should like to ship our produce until we learn the details of the business as grading, etc., and are better equipped to deliver.—Mrs. L. B., St. Johns, Michigan.

YOUR "rich sandy soil" sounds good to me. The low land may be an excellent garden site but as a rule low land is not a good location for fruit because the frost is apt to settle there.

Berry growers in the fruit belt market their fruit in various ways. One way is to ship everything to a reliable commission house. Some sell all they can at the roadside and if you live on a farm on a main road much fruit can be disposed of in this way. Another favorite method is to haul the fruit to a city market and this is a very good way if you live within reasonable distance of such a market. A surprising amount of produce is sold every year by farmers who sell their fruit from house to house and to workers in industrial centers, such as Flint, Lansing, Detroit, etc. To make a success of this method you will need all of the essentials of good salesmanship, such as a pleasing manner, plenty of patience, a good sales talk, and a good quality of goods to sell.

Which ever method you may choose, get ready before hand and do not wait until the fruit is ready for harvest. If you decide to ship to a commission house look up their reputation and financial rating before you send them anything and if possible make them a visit so as to get personally acquainted. Shipping to a commission house is very convenient but some farmers found it rather costly and net returns per crate are not likely to be as high as by a thorough application of one of the other methods.

Striking a Balance Vengeance

"When I'm a man—" began Robbie after a stormy interview with his father. "What will you do?" asked his mother. "I'll name my boy after papa—and oh! how I'll spank him!"

Then the Battle Began

"Did I ever tell you what a fright I got on my wedding day?" "Tut, tut, man; you should not speak that way of your wife."—Michigan Garçoyte.



Eveready Columbia Hot Shot Batteries contain 4, 5 or 6 cells in a neat, water-proof steel case. It is not a "Hot Shot" unless it is an Eveready Columbia.

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WHEN WRITING TO ADVERTISERS
PLEASE MENTION
THE MICHIGAN BUSINESS FARMER

HOMESTEAD COUNTRY N. GREGORY

(Continued from October 9th issue)

"I THINK," said Doug decisively, "that if we don't get out of here before morning our goose is cooked. Let's have a look."

The single window was barred with two-inch bars set in concrete. The walls were brick, two feet thick; the floor was concrete, and the door was as impregnable as Gibraltar.

"Here for keeps," said Doug. "We couldn't get out with anything short of nitro-glycerin."

"They spent the rest of the night prowling over the cell. Daylight came and they were still at it."

Terry became desperate. "Let's pile the bedclothes in the middle of the floor and set fire to them," he said. "Then when he unlocks the door make a run for it."

"Can try it," said Doug. "Might get down to the courthouse and get our business done up before he grabs us. Maybe he'll stop to put out the fire."

They piled the mattress and blankets in the middle of the floor and Terry applied a match. There was some trouble in igniting them, but finally they caught. There was little flame, but a thick, foul-smelling cloud of smoke filled the room and floated out in the corridor thru the door of steel bars. So intense did the smoke become that they were obliged to lie down to avoid being suffocated.

and 'round in the smoke up there. Have to hand it to you fellers. I'm ready to quit."

"Suits me," Terry finally managed to say.

"I'm this way," continued Kord, leaning an arm on the table, "I'd druther have a man's good-will than his bad-will. Figger I might need a favor some time."

"Guess you're right," agreed Terry.

"Now, then, we're neighbors over there and we might as well live neighborly, way I look at it, and any time I can help you fellers out, why, just let me know."

After he had gone, the boys sat and stared at each other for a long time, never saying a word—like two owls.

"Now, what do you know about that?" said Doug finally.

"You can search me!" replied Terry.

"If he had come at us with a gun in each hand and a knife in his teeth, I wouldn't have been any more surprised."

"Me, either! Not that I wouldn't a lot rather be on good terms with him than bad—Here comes old Mort right now."

Mort strode across the room and sat down at their table. "Couldn't wait till you got back to hear the news," he said.

"So I just saddled up and fogged over here. How'd you come out?"

"All hunky-dory," said Terry. "It's our's."

Mort slapped his knee with satisfaction.

"Kord was just in here, and he was friendly as a candidate. Ready to do

OUR STORY TO DATE

THE Muirs are ordered to move westward from Iowa by the family physician on account of Dad's health, so they buy a Colorado ranch. Young Terry, who is around 19, and his chum, Doug Summers, an orphan of about the same age, go on ahead to get work under way as it is harvest time. Shortly after their arrival they meet up with Kord, their next door neighbor, one of the meanest cusses you ever heard tell of. Then the family arrives, and things start happening pretty regular. First their stacks of grain are set on fire, then they have trouble in finding their cattle. Next, they discover that if they are to have their grain threshed they will have to buy an interest in the threshing rig, and they are again opposed by Kord. They finally get this straightened out, and then learn that Kord has jumped their claim on a large piece of government land.

For a long time they waited. At least it seemed a long time to them.

"Must be asleep," choked Terry.

"Let's see if we can wake him up," suggested Doug, and he began yelling, "Fire! Fire! Fire!.... Terry joined him.

Almost directly a door clanged and hurried feet rushed down the corridor.

"What's up in there?" It was the sheriff's voice. The room was so crammed with smoke that he could see nothing. In fact, the boys could not even see the bars in the door.

"We're burning up!" said Doug, in a smothered voice. "Open up, there!"

They heard the lock turn and the door creak as it opened. The sheriff was coughing and strangling furiously and they crawled out silently past him down the corridor and out the door.

Terry drew a deep breath of the fresh air and laughed. "Never did see us, did he? Bet he's up there fishing around in that smoke for us."

"Let 'im fish," said Doug. "Let's get over to the courthouse while he's still at it."

The hands of the courthouse clock pointed to a quarter to eight as they approached the building. A man was standing, back turned, at the front door, apparently waiting until the door opened.

"That's Kord," said Terry. "Let's go around by the back way."

They slipped around and entered at the basement door. Inside, the janitor was sitting half asleep by the boiler, smoking a pipe so short that it almost met his nose.

"Morning," he said, out of the corner of his mouth, without removing the pipe.

"Morning," replied Doug. "When will the registrar be in?"

"In now. He always comes down early and goes in this way. I don't unlock the front door till eight o'clock."

"Where's his office?" inquired Terry breathlessly.

"Second floor. You'll see the sign."

In their rush they forgot to thank him. Up the stairs they bounded, found the office and entered. The registrar, a businesslike man, smiled at their breathless entry. He took Terry's affidavit and posted the records. They pocketed his receipt, and out they put, heads in the air, just as the janitor opened the front door. Thru it they rushed, and met Kord coming in.

"Why, hello, there!" said Doug, with affected surprise.

"Why, hello!" echoed Terry, in an identical tone.

Kord stared, open mouthed, turned and looked at them as they swung down the street.

"Let's eat," said Terry.

"Same here," said Doug. "Here's the restaurant."

While they were eating, Kord entered and took a seat near them. He looked across and saw them.

"He's coming over," said Doug. "Who gets the first smack at him?"

"Me," said Terry, promptly.

"My turn," said Doug. You've had yours."

Kord came up, actually grinning. "That was pretty neat, fellers," he said. "I know when I'm licked. I saw the sheriff and told him I made a mistake in you fellers. He was still goin' around

anything for us, he said. What do you think of that?"

"That's easy," laughed Mort. "He knows when he's licked. And he knows he can't get a drop of water to irrigate with only what you choose to let him have. You won't have any more trouble with him."

"Sure glad to know that," said Terry. "And he's welcome to all the water we won't need."

"Have you seen the bank?" asked Mort suddenly.

"Dog-gone!" exclaimed Terry. "Forgot all about that!"

"Well, listen! That's mostly what I came for. You'll waste time seeing them. You boys go around and see Ben Anderson."

"You mean the saddle and harness man?"

"That's him."

"Do you know how much we've got to have?" asked Terry, incredulously.

"Don't make any difference," Mort grinned. "You go ahead and see him. Tell him how you're fixed. If he takes a fancy to you, he'll fix you up; if he don't he won't. That's Ben's way. Now go ahead while I eat my breakfast."

They found the old man working on a saddle.

"Why, hello!" he said. "You fellers get over the divide all right that time?"

"By walking all night," said Doug.

Ben chuckled. "What can I do for you?" he asked.

Terry glanced around at the little shop. The whole thing, building included, could not be worth more than six or eight hundred.

"Lend us five thousand dollars," he said.

"Zwick pinching you?" asked Ben calmly.

Terry nodded.

"Got any security to put up?"

"Eight or ten thousand bushels of grain. Won't need the money only until we can sell the grain."

"Can you sign for your father?"

Terry pulled out the slip of paper.

"This says so," he said.

"Be willin' to sign me an order on the grain?"

"Sure."

"Alright." Ben turned to his desk, unearthed a pair of steel rimmed spectacles, and wrote laboriously for a few minutes.

MORE STORIES ABOUT PIONEER DAYS IN MICHIGAN

WE never have published a story, truth or fiction, that was as popular with our readers as "Pioneering in Michigan," a true story of early days in this state by Mr. Ed. Allen, of Le Roy, so we know you will welcome the announcement that beginning with next issue we will publish more such stories which are entered in our recent contest. We will start off with a few more memories of Mr. Allen, then follow up with the prize winning stories, and after that other letters we feel you will find of great interest will be published. The first prize of \$5.00 offered in our recent contest was won by Mrs. Lavinia Heminger, of Cedar Springs. The second prize, \$3.00, was awarded to Charles M. Chaffin, of Ithaca, and \$2.00, as third prize went to Florence Nelson, of LeRoy.

"Here's the order," he said. "Sign it."

Terry signed it.

"Here's your money," He handed Terry a check.

"Which bank?" asked Terry. He did not for a moment believe the check to be good, but he was determined to see it thru.

"Guess either one will take it," Ben smiled, "but I do my business at the upper one. Guess your deal's with the lower one, ain't it?"

"Yes," said Terry, rising. "I'm much obliged to you."

"Don't mention it," said Ben. "Any time you need anything come around."

"Do you reckon," Terry said, as they walked toward the bank, "that old codger actually has that much money?"

"Can't believe it," said Doug, "but we'll mighty soon find out."

At the bank, Terry passed the check to the clerk and said: "That check any good?"

The clerk glanced at it carelessly and impaled it on a fine.

"Ought to be," he said. "He owns this bank."

Terry gasped.

"Hundreds be all right?" asked the clerk, picking up a bale of bills.

"Sure! Fine!" stammered Terry.

The clerk counted out fifty one hundred dollar bills, and passed them thru the window. Then, seeing their faces, he laughed aloud.

"Didn't think the check was any good, did you? You boys are lucky. Mr. Anderson seems to have taken a fancy to you, and he'll back anybody he likes to the limit, and that can't be too high."

"Let's get down to the bank!" begged Doug, "before that money takes wings and flies away! Maybe it's counterfeit!"

However, the lower bank took it without question. Mort, on the way home that afternoon, enjoyed their bewilderment hugely.

"Old Ben, is one of the richest men in these parts," he said. "When you're solid with him, you're sittin' on the world. And it don't take him a year to make up his mind about a person, either."

"Sure fooled me!" replied Terry.

It was dark when they reached home, as usual. Cattle were lowing up on the feed ground, lights were gleaming thru the snow, for it was snowing again, and a general sense of satisfaction and well-doing possessed everybody. Mr. Muir seemed better than he had for years.

What a cozy, homelike place that big kitchen was! Outside the snow swirled gustily, but inside those sturdy logs gave warmth and good cheer.

"Who made the biscuits tonight?" asked Doug, as they drew up to the table.

"I did!" said Mary, defiantly.

"Oh Lord!" groaned Doug, seizing one.

"My teeth's wore clear down to the gums now!"

"Too bad!" mocked Mary.

"Boys," Mr. Muir interrupted the chaffing, "as soon as we get title to that half-section, I aim to divide it between you. That will give you a hundred and sixty acres apiece—a nice start."

"You tell 'em!" exclaimed Doug. "And there's a fine place on the upper side to build a house. If I get that side, I aim to build—"

There was a great stillness in the room. Doug stopped suddenly, crimson to his ears. So was Mary. Everybody laughed, long and loud.

"Pass them biscuits, please, Mary," said Doug gamely. "Haven't had a decent one since yesterday!"

(THE END.)

Uncertain

"Once you wear this I. X. L. shirt, Mr. Johnson you will always wear it," said a clerk in the Broadway Emporium of Snappy Duds for Gents.

"That might be," responded Gap Johnson, of Rumpus Ridge, "and, then ag'in, I might want to—p'tu!—change it some time. You never can tell."—Ex.

Diagnosis

A man was fixing his automobile. "Trouble?" asked the pedestrian.

"Some," was the laconic answer.

"What power car is it?"

"Forty horse."

"What seems to be the matter with it?"

"Well, from the way she acts, I should say that thirty-nine of the horses were dead."

Installment Plan

Ann—"The man I marry must be able to put the world at my feet."

Dan—"Well, I have \$25 in cash. Will you be satisfied with Russia for a starter?"



The Child in the Midst

A NON-SECTARIAN SERMON BY

Rev. David E. Warner

(If there is any questions regarding religious matters you would like answered write to Rev. Warner and he will be pleased to serve you without charge. A personal reply will be sent to you if you are a paid-up subscriber.)

TEXT: "And he took a little child and set him in the midst of them?"—Mark 9-38.

"AND all thy children shall be taught of the Lord, and great shall be the peace of thy children." The prophet spoke better than he knew. In a general way he saw a time when righteousness would prevail. In the thought of Isaiah, the covenant of God's peace was sure. The hearts of men were to be shifted from a transiency of material things to a love for higher things. But the meaning of his words did not have New Testament depth and significance. Our Lord Christ has proposed that God's kingdom is to come thru the children when they are taught of him.

We are now in our fourth annual vacation bible school at the Oakdale community church. The children are delighted. A feature of our closing days will be an automobile parade thru the surrounding country and towns. Our church orchestra will accompany and the children will sing songs. As a part of the hand work of the school the children are making pennants for each car. Well, the child is in our midst and the challenge that comes to us is to place Christ's value upon it. We have learned pretty well the value of the material things about us. We are pretty good students of economics. We show a clever hand at figuring the production cost of this or that we might realize profits. In these things we have standards. But, in the personalities of life, we also have standards. Yet, they are entirely different. Here we throw away our arithmetic. Arithmetic is foreign to heaven. An heaven says that children are of kingdom value. The security of society is to accept the worth estimate that Christ places upon every child soul. We certainly need a greater sensitiveness along this line.

Did you ever look into the face of an infant child and feel like bringing it gifts and incense? Who knows what is wrapped up in a swaddled baby? All of us believe that there is something elect and heavenly in a baby's face. I am now imaging the Hebrew mothers who for centuries looked into their babies' faces and wondered which one might be the coming Messiah. And that was a great day for Mary when Gabriel said to her, "Hail thou art highly favored, the Lord is with thee." And "the holy thing which is begotten shall be called the Son of God." But all babies have in them the native yearnings and possibilities of sonship. Of course, they come to us in unassumed character. We do not know just what place they will fill in life. Yet, this depends mostly upon their elders. It is the right of their birth to have a fair start in life. No matter where they are born, it is society's moral responsibility to treat with them with rare concern. But we are not doing it. Why? We have not yet become Christian enuf. Every new child is Christ coming back to us whether born in hovel or mansion. When are we going to learn that every child is distinctive in its mold since made in the image of God? How long before we will believe that Christ would identify himself with the child so that its true Christian rank might be unfolded to the world. As we deal with our children so we deal with their Father in heaven.

Mrs. Lamoreaux, in her timely little volume "The Unfolding Life," says, "In dealing with things the vessel marred in the making can be set aside or fashioned anew, but a life is for eternity. The faulty work cannot be undone. The mistake can never be wholly rectified, for life never yields up what is given it. The book, the word, the invisible atmosphere of home and church, the sights and sounds of all the busy days enter the super-sensitive and retentive soul of the child and are woven into life tissue." If we want

the tree to bring forth good fruit in its season, says the psalmist, we must plant it by the streams of water. This is a parable of human living. There are four peach trees on the parsonage grounds where I live. Three of them were not properly pruned in the beginning years. Now they are ill-shaped and ill prepared for normal fruit and to stand the storms that beat against them. The other tree I set out last year and I am pruning it to a low head and heavy, stocky body for the strain of fruitage and storm. This tree has a promising future. But all this is true of the child. It needs definite attention or else it is bound to have an ill-shapen life. This is the mutual responsibility of the home and society. In childhood, life takes form and bias according to its environment in home and community. Boys and girls live their lives in terms of standards created for them. Tomorrow as adults they will be speaking the words and acting the selves of their fathers and mothers. When they go into the far country of sin; when they are selfish, coarse, haughty, and irreverent, something, with but few exceptions, has been wrong at home. Most of the saints have been made at home.

This generation is giving much too little attention to the religious and moral training of children. The state is saying, "This is not for me" and the Home says, "I'll give the job over to the church." And the church is not serious enuf. Authorities tell us that of the children under twenty-five years of age, nineteen out of twenty Jewish, three out of four Roman Catholic, and two out of three of all Protestant children have not sufficient religious background to expect them to become safe citizens. This is forcibly brought home to all of us thru the juvenile crime and delinquency of our day. Christ put a child in the midst and made him the pivot in the life and enterprise of a Christian civilization. And the child is yet the essential center in the life and work of the church.

Now, our trouble is, we are too busy to sit at the feet of Christ to get his conception of life and progress. We do not have time to take the children and attend Sunday morning worship. Many mothers remain at home to prepare big Sunday dinners and fathers to work on their car to get it ready for the afternoon drive. "We always have time enuf if we will but use it aright." Pity is to the children who are missing the boon of a Christian home. Christ's words to Martha are always impressive, "You are troubled and anxious about many things, but one thing is needful." In our great concern for the physical necessities and pleasures of our children we may be the potent cause in their missing the highest and best in life. Our true character is shown in the way we deal with our children.

BIBLE THOUGHTS

FEAR THOU NOT; for I am with thee; be not dismayed; for I am thy God: I will strengthen thee; yea, I will help thee, yea, I will uphold thee with the right hand of my righteousness.—Isiah 41:10.

WORLD'S BEST NEWS:—The angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Saviour, which is Christ the Lord.—Luke 2:10, 11.

WHOSOEVER WILL COME AFTER ME, let him deny himself, and take up his cross, and follow me. For whosoever will save his life shall lose it; but whosoever shall lose his life for my sake and the gospel's the same shall save it.—Mark 8:34, 35.

"My husband thinks it's fine!"



A good many husbands were doubtful before they actually used Old Hickory Smoked Salt. But all doubts disappear when they take their home butchered meat out of the Old Hickory dry cure and find it thoroughly smoked, beautifully colored and ready to be eaten or to be hung away for use months or years later. No smoke-house, no hard work, no fire risk. No dangerous chemicals or poisonous acids. But it is a real smoke

"Believe me, Old Hickory Smoked Salt sure is fine! My husband was somewhat doubtful whether it was the thing to use, but I got it anyway and he thinks the meat is fine. A year or two before I knew about Old Hickory Smoked Salt I said it would be great if some-one would combine hickory wood smoke with pure meat salt so that we could get rid of the smoke-house. Imagine my delight when I saw your ad. I knew I would have good meat and now I am telling my neighbors how good it is. Just think! Good old smoked meat without any trouble or danger of setting the smoke-house on fire." — Mrs. T. H. Carter, R. F. D. No. 2, Russiaville, Indiana.

cure — the smoke of genuine hickory wood put on pure salt by the Edwards process. You therefore smoke the meat when you salt it. And how good it is! What you save in smoke-house shrinkage amounts to more than the cost of the Old Hickory Smoked Salt used in your cure. At your dealers in air-tight, trade marked ten pound drums. Write for free sample and book.

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TRADE MARK REG. U.S. PAT. OFF. AND CANADA
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Free
Sample
Coupon

The Smoked Salt Co., Inc., 447-467 Culvert St., Cincinnati, Ohio

Gentlemen: Please send me free sample of Old Hickory Smoked Salt and booklet No. 467 A of suggestions for better methods of curing and cooking.

Name _____

City _____

R. F. D. No. _____ State _____

My Dealer's Name is _____ P. O. _____

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MICHIGAN BELL TELEPHONE COMPANY



The Michigan BUSINESS FARMER

SATURDAY, OCTOBER 23, 1926

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RELIABLE ADVERTISERS

We will not knowingly accept the advertising of any person or firm who we do not believe to be thoroughly honest and reliable. Should any reader have any cause for complaint against any advertiser in these columns, the publisher would appreciate an immediate letter bringing all facts to light. In every case when writing say: "I saw your advertisement in The Michigan Business Farmer." It will guarantee honest dealing.

"The Farm Paper of Service"

DAIRYING IN MICHIGAN

DAIRYING in Michigan has a great future, in the estimation of Mr. W. E. Skinner, secretary of the National Dairy Association, and he informed the Editor that he was more impressed with the possibilities in this state than in any other in the dairy sections.

Such a statement, given out by a man who for many years has been connected with the organization responsible for the National Dairy Exposition, who has devoted much time to the study of dairy cattle and the states where dairying plays an important part in their farm program, bears more than ordinary significance with the public. But to the farmers of this state it means dollars and cents, and they should accept Mr. Skinner's viewpoint as that of an outsider who has made a careful survey of all dairy states with no personal interest in any of them, and plan the extension of their dairying operations accordingly.

Many of the farmers of Michigan took advantage of the opportunity to visit the Dairy Exposition during the forepart of this month at Detroit and they gained ideas which they can work out to a wonderful advantage on their own farms and pass along to their neighbors who did not attend. The holding of such a show within the borders of any state is bound to cause the dairying industry of that state to take a great step forward, and we are looking for a very progressive future for dairying in Michigan.

PIONEER LETTER CONTEST WINNERS

DURING the last couple of days we have been living in the past, in the days when all Michigan, except a few of the southern counties, was covered with dense woods, and mostly inhabited by Indians, with deers, bears and wolves roaming at will. The railroad had not penetrated very far northward in those days and most of the traveling was done by ox team or on foot over the Indian trails. The newcomer fell the trees for a double purpose—to make a clearing so that he could put up a rude cabin to house his family, and he needed the logs to build the cabin with. Then began his fight to win a farm out of the forest, and he usually won, with the help of his good wife and children.

We have been reading the letters entered by our pioneer letter contest, and it was a most interesting task, one that we were loathe to see come to an end. They are so interesting that one wants to read them over two or three times, in fact, we did do that with several of them, and the judges had a most difficult, yet interesting, job to pick the winners which we are pleased to announce.

The first prize of \$5.00 went to Lavinia Heminger, of Cedar Springs, who wrote a most interesting story of the life of her father and mother as well as of her childhood in the central part of the state. Charles M. Chaffin, of Ithaca, won second prize of \$3.00 with the story of his own pioneer days in Gratiot county. The winner of third prize, Miss Florence Nelson, LeRoy, sent in a story on the early days in Osceola county. The prize was \$2.00.

There were only three prizes offered but we are going to pay \$1.00 each for all of the other letters entered in the contest that we publish in our columns, and we are going to use many of them. Also we are obligated to our readers for

many fine pictures which we intend to use along with these letters.

Our story, "Homestead Country," ends in this issue and we are going to begin publication of these pioneering letters in the following issue, starting off with a few more memories of Mr. Ed. Allen, who is really to blame for this contest. Mr. Allen's story "Pioneering in Michigan," which we published in several installments last spring, aroused so much interest that we decided to have the contest to get more true stories of the early history of our state. The result has been some stories that will make some mighty interesting reading for you during the next few months.

WHAT WOULD COLUMBUS SAY?

FOUR hundred and thirty-four years ago Christopher Columbus set sail from Spain with three frail boats and 120 men to find new lands. These intrepid mariners sailed for days upon uncharted waters, going to certain death in the opinion of most of the people of the old world, and after over a month they were rewarded by the sight of land. It was on October 12th, 1492, that they landed on one of the Bahama Islands, which Columbus called San Salvador.

For many years it took at least a month to cross the ocean but finally ships were improved until the time was cut in half. Many of us can remember when fourteen days were required, and that was considered remarkable. But the world continued to progress and better and faster ships were built until today the trip can be made in six days. Aviator-scientists predict that it will not be long before luxurious ocean air lines will be established, and giant airships, several thousand feet long, will carry people over to Europe in three days, reducing the time taken by steamships one-half.

What would Columbus say if he could return to earth today and view our modern methods of transportation?

SERVICE FOR MICHIGAN POULTRYMEN

THE poultrymen of Michigan are not satisfied with the facilities for poultry research at the Michigan State College and they intend to ask Legislature at its next session to appropriate funds to build a new poultry building and laboratory.

We want to go on record as being in favor of this move and we believe the Legislature should heed the request. At present the College is putting forth almost hopeless effort to serve Michigan's \$72,000,000 poultry industry with equipment valued at only \$8,500. The \$26,000,000 fruit industry of the state is being served with equipment costing \$400,000, and the \$72,000,000 dairy industry by equipment costing \$65,000. Comparing the value of the industries by the value of the equipment used in serving them, one wonders how the poultry industry of the state has made any progress.

Certainly no one would argue that we have too much equipment for serving our fruit and dairy industries, in fact we are inclined to wonder at times if we have enough, yet we are trying to serve our poultrymen with only one-ninth the investment that we have in equipment for serving the Michigan fruit growers.

Furthermore, we understand there are no funds appropriated for poultry research work, while sums ranging from \$6,00 to \$24,000 are

STATE POLICE HELPING FIGHT CHICKEN THIEVES

ALTHOUGH our campaign against the chicken thief in Michigan was announced only recently we are already at work on several cases, thanks to the ready cooperation of our readers in reporting conditions in their territory. Several cases of poultry buyers giving worthless checks have been reported, and, while this does not come under the head of chicken theft so rewards are not in order, we are working on them, with the hearty support of the State Police, and hope to put some of the swindlers in jail. Commissioner Alan Straight has assured us that the State Police will gladly work with us in our war against those who raid the farmer's chicken coop, and take his year's profit from chickens, all within a few moments. Working with both local and state officers we feel sure that it will not be long before we have some of the thieves behind the bars, and throw a good scare into the rest of them. We have declared war and we want you folks to be good soldiers by keeping us posted regarding losses in your neighborhood.

spent each year for research in dairying, horticulture and bacteriology, although poultry losses from various diseases amount to over \$2,500,000 in Michigan annually.

Perhaps the M. S. C. equipment was sufficient to serve our poultry industry 10 or 15 years ago but since then it has grown rapidly, and it will continue to grow at a rapid rate if the College can give it the proper service. Proper service is impossible with insufficient equipment or funds. Legislature will appropriate the necessary funds if enough pressure is brought to bear on the representatives by the people, so it is up to all of us to tell the men we send to Lansing this winter that we want them to vote for an appropriation to put our poultry equipment at the M. S. C. on a par with any other industry of similar value.

HERE IS YOUR CHANCE, GIRLS

WE have before us a very interesting letter from a young farmer of this state. He writes that he is 25 years old, weighs 145 pounds, is strong physically and "full of pep", of a quiet disposition and interested in things of a moral nature, and he wishes to become acquainted with a charming young lady. He has a common school education and is a graduate of two short courses at M. S. C.

Here is a fine young man, located in a fertile section of the state, who is looking for a life partner. From his letter we can tell that the flapper type of girl does not interest him. He wants a sweet young lady who likes the farm and would be interested in becoming the wife of a progressive young farmer.

Of course, love will play its important part in the match, just as it should, but it will not be a difficult matter for the right young lady to fall in love with him, or him with her.

We are not operating a matrimonial bureau but we do want to help this young man so if there are any young ladies who would like to become acquainted with him we would like to hear from them. Understand that this is a serious matter and we want to hear only from those who consider it in that light. Letters should be addressed to the Editor and they will be considered strictly confidential.

A WEATHER BARGAIN

SEVERAL years ago a rainmaker made a contract with the farmers of a semi-arid region whereby he was to receive a thousand dollars an inch for the rainfall during three months. He got about \$8,000 out of his contract; but the other fellows figured that it might have rained just as much without the rain-maker and this year they made him a new proposition. They planted 640 acres of wheat for the weather wizard and told him to turn on the water and make a crop of it, for it would cost him nothing but harvesting. After busting off a few buttons in his efforts to produce some showers he was compelled to harvest a dry crop, out of which he got less than a dollar an acre. Yet some folks think farmers need a business guardian and every other sort of guardian!

FROM ONE OF OUR FRIENDS

WE are trying to give you the kind of a farm that you want, one that is of service and value to you in every way, and the only way that we can learn if we are doing this is for you to tell us. Considering how busy the farm life is you have been very kind to us in this matter by writing letters and responding to our requests that you renew your subscriptions and we thank you most heartily.

No two letters we received are alike, of course, but every one is interesting with some expressing the personality of the writers more than others. One in particular which we have in mind at this time came from a Gratiot county subscriber living near Alma. Along with his renewal for three years he sent in the following:

"Miss you M. B. F.?"

Yes, you bet your life I do!

Wished so awfully hard for you

Broke my wishbone square in two.

COME and MEND it P. D. Q."

COMING EVENTS

October 28-30.—Western Michigan Potato Show, Grand Rapids, Mich.

November 3-5.—Top O'Michigan Potato Show, Gaylord, Mich.

November 27-December 4.—International Live Stock Exposition, Union Stock Yards, Chicago, Illinois.

January 31-February 4, 1927.—Farmers' Week, Michigan State College, East Lansing, Mich.

November 30-December 3.—Convention of American Pomological and Michigan State Horticultural Societies, Grand Rapids, Mich.

November 9-11.—Thumb of Michigan Potato Show, Mayville, Mich.

THE PUBLISHER'S DESK

(We are always glad to do all we can to protect our subscribers from fraudulent deals or unfair treatment from concerns at a distance. We advise on stocks and bonds, and investigate different concerns for our subscribers. This service, including a personal letter, is free when subscription is paid in advance.)

OUR FIGHT AGAINST THE CHICKEN THIEF

WE are extremely well pleased with the way that our friends have come forward with suggestions and comments regarding our offer of \$1,000 in rewards for the capture of chicken thieves in Michigan. These letters indicate that we are working along the right lines, in the estimation of our readers, and we believe that with their help we will be able to make the business of robbing chicken roosts in Michigan a mighty unprofitable one.

The \$1,000 we have set aside to fight the chicken thief is to be given out in rewards of \$50.00 to persons furnishing the evidence leading to

put on this hauling poultry at night, it would stop all the stealing. If a large poultry shipper must haul at night, he should have a special permit to do so and stop and show it if he is stopped on the road at night. In that way night marshalls in small towns can stop him when going through, also deputies and sheriffs would demand to see this permit or hold individual until he can prove his property.

"There are several large poultry buyers in Caro. I think these buyers should demand name and address of all that sell poultry to them. These buyers are well acquainted with all farmers in the surrounding country. These men could quickly detect strangers and if suspicious could have investigation started, hoping this will help some to destroy these thieves as I wish to see this state free of thieves and we can raise poultry safely. One of your many readers of THE BUSINESS FARMER."—P. P., Tuscola county.

Lost 20 One Night

"I am writing to you concerning chicken thieves. Sept. 24, we had 20 chickens stolen from our roost. I don't think they went very far away. We reported to the sheriff in Sault Ste. Marie, but he did not try to hunt down the ones who stole the chickens. I am a paid up subscriber to THE BUSINESS FARMER."—D. G., Chipewa County.

Wants to "Chip In"

"I appreciate your movement to protect the poultry of Michigan against thieves, as per page 15th of current issue; it is mighty progressive and liberal on your part, but cannot we get into the game with you in some way and do our bit. For instance, I would be only too glad to chip a dollar to swell the fund to help get the fellows who steal chickens in our locality. Could we not get some paper in each county to co-operate with you and double the reward in their county in this way? If there is any way that I can help you in this good work, please advise me."—L. W., Livingston County.

AURORA AMUSEMENT CO.

In 1921 we took out 10 shares of preferred and 5 of common stock in the Aurora Amusement Company. Can you tell us the value of the stock today, if it has any? It bears a Delaware seal.—L. R., Saginaw County.

WE communicated with reliable brokers about this company and were advised that they could find no record of such a company or stock. Apparently this company went to the wall and the stock has been off the market for some time, or it was a "fly-by-night" concern that existed on paper only. Possibly the latter is the case, and the word "amusement" in the name has reference to the salesman when he sold any of the stock and had the cash in his pocket.

"A bird in the hand is worth two in the bush," 'tis said. Well a dollar in the pocket is worth two in promise, so investigate before buying stock that you know nothing about.

Excuse my pardon for not having written before thanking you for your help in securing a settlement with — an my chickens. It wasn't because I didn't appreciate it as I surely did but farm folks these days have few hours to spare. Will tell everybody what a good paper M. B. F. is and hope you the best of success.—E. B., Eaton County.

I received a check for \$5.17 from the — I am thanking you for your wonderful services as it was a great help to me as I know it is to many others.—F. E., Highland, Michigan.

I have today received a check from — in settlement of my claim for which I thank you.—Mrs. J. E. Lakie, St. Clair County.

Dear Sir:—I have been so busy trying to grub out a living that I haven't had time to write you sooner. I have received several copies of THE BUSINESS FARMER and like it very much. I also received my certificate of membership of which I am very proud. Yours for success.—Andrew Brady, Antrim County.

CHICKEN THIEVING GOES ON APACE ABOUT PORTLAND

Portland, Oct. 5.—A new method was adopted by chicken thieves in this locality when Clarence Peabody lost a dozen pullets and the steel coop in which they roosted.

A few days previously Peabody was able to scare raiders away from his neighbor's henry across the road and then later he was unable to save his own.

For the past year the locality southeast of this village has been fertile territory for chicken thieves and hundreds of dollars worth of poultry has been taken without the sheriff's office making an arrest. Automobiles and trucks made it possible for raiders to remove the stolen property and leave little or no clues.—Grand Rapids Press.

the arrest and conviction of any person guilty of stealing poultry which is the sole property of any paid-up subscriber to THE MICHIGAN BUSINESS FARMER who is a member of our Service and Protective Bureau.

If your poultry house is raided report the matter to your sheriff at once and ask that he telegraph the State Police. Then write us full particulars.

We are publishing several of the letters we have received to date:

Hauling at Night

"I am a reader of your paper and have read about the Poultry thieves. I am a farmer here in Tuscola county, but I travel on the roads a great deal and I have noticed a lot of trucks and cars of all kinds hauling poultry at night.

"Now I cannot see why a farmer must start for the city at midnight with a load of poultry these days when we can make a market in three hours nowadays at anytime. I think it would make a great deal of difference if there was a law passed that no poultry is allowed to be on any moving vehicle after sun down till sun up. This law would sure help the farmer; and I don't think any farmer would have any objections to this law as it would help him. I think poultry buyers that go around the country buying poultry could stop at night with their trucks until day-light to make their market. I also think these poultry buyers (that is some of them) know just how this poultry stealing is done. I have no proof to this but have seen a lot of them driving at night at all hours for Flint and other large towns. No one can stop them or say a thing to them, which makes it very easy for these poultry thieves to get away. I think if there is a ban

The Collection Box

The purpose of this department is to protect our subscribers from fraudulent dealings or unfair treatment by persons or concerns at a distance.

In every case we will do our best to make a satisfactory settlement or force action, for which no charge for our services will ever be made, providing:

- 1.—The claim is made by a paid-up subscriber to THE BUSINESS FARMER.
- 2.—The claim is not more than 6 mos. old.
- 3.—The claim is not local or between people within easy distance of one another. These should be settled at first hand and not attempted by mail.

Address all letters, giving full particulars, amounts, dates, etc., enclosing also your address label from the front cover of any issue to prove that you are a paid-up subscriber, THE BUSINESS FARMER, Collection Box Mt. Clemens, Mich.

Report ending October 15, 1926.
Total number of claims filed..... 2886
Amount involved..... \$29,733.04
Total number of claims settled..... 2383
Amount secured..... \$27,393.38

First Mortgage Real Estate Bonds

Secured by real estate of only the soundest value, the first mortgage bonds we sponsor conform to the most rigid standards of safety.

And they are guarded in every detail by an investment service which leaves no contingency unprovided for.

6% & 6½%

Normal Federal Income Tax Up to 1½% and 2%
Paid by Borrower

Federal Bond & Mortgage Company

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Federal Bond & Mortgage Building, Detroit, Mich.

BEST BY TEST

Only time and use will prove the real merit of any machine. Actual test under all kinds of conditions, for a long time, will show whether or not it is reliable and durable.



The Auto-Oiled Aermotor has been thru the testing period in every part of the world. For 12 years it has been giving the most reliable service to hundreds of thousands of owners.

Auto-Oiled means that the gears run in oil and every part subject to friction is constantly flooded with oil. The gear case is filled with oil and holds a supply sufficient to keep every bearing perfectly oiled for a year or more.

The improved Auto-Oiled Aermotor, is a wonderfully efficient windmill. If you buy any windmill which has not stood the test of time you are taking a long chance. But you do not have to experiment. There is nothing better than the Auto-Oiled Aermotor which has demonstrated its merits wherever windmills are used.

CHICAGO
KANSAS CITY

AERMOTOR CO.
DES MOINES OAKLAND

DALLAS
MINNEAPOLIS

\$1,000 IN REWARDS! For Poultry Thieves

THE MICHIGAN BUSINESS FARMER is determined to drive the chicken thief out of Michigan!

We hereby offer a reward of \$50.00 for the evidence leading to the arrest and conviction of any person guilty of stealing chickens, turkeys, ducks, geese or guinea fowls which are the sole property of any paid-up subscriber to THE MICHIGAN BUSINESS FARMER who is a member of THE MICHIGAN BUSINESS FARMER Service and Protective Bureau.

If your poultry house is robbed report immediately to your sheriff, ask him to telegraph the State Police, and write us full particulars.

THE MICHIGAN BUSINESS FARMER, Mount Clemens, Mich.

CANNED BLACKBERRIES

By Anne Campbell

Sun on the hill,
And the perfumed breeze
Dancing at will
Through the maple trees.
Meadow lark's note
From the wood nearby.
White clouds aloft
In the August sky!

Pausing to rest
On the velvet grass;
Picking is best
As the sun's rays pass.
Wandering back
To the moonlit town;
Falls for a pack
On a journey down.

Heaped to the top.
With the berries sweet!
Tempted to stop
On the way, to eat!
Covered with cream
In a pale blue bowl,
That's just a dream—
Not the picker's goal!

No, they must stand
On a shelf below,
All nicely canned
In a shining row.
Opened, they'll bring,
Though the snowflakes play,
Leaves whispering,
And a summer's day!
(Copyright, 1926.)

GROWING CHILD NEEDS QUART OF MILK PER DAY

HERE are a number of good reasons why a growing child needs a quart of milk per day.

1. Milk is the best single food. It supplies easily digested proteins for body building; mineral salts for blood, bones and teeth; vitamins for health and growth; and easily digested fat and sugar for energy and gain in weight.

2. Milk is economical as supply of lime and body builders. One glass gives $\frac{1}{4}$ amount lime needed daily. One glass equals (in lime supply), $8\frac{1}{2}$ eggs, $1\frac{1}{4}$ cabbage, $5\frac{1}{2}$ pounds potatoes, $8\frac{1}{2}$ pounds of meat. One quart of milk gives as much protein as 4 large eggs or 7 ounces sirloin steak.

3. Milk makes meal planning easy. Milk is the foundation—not the whole diet. Egg yolk or vegetables will add the iron, tomato or orange juice the vitamins needed, and fruits, vegetables, whole cereals and bread will supply the roughage.

4. Milk and milk products are easily used in cooking. Here are some dishes based on milk: Cocoa, soup, milk gravy, creamed dishes, custards, puddings, ice cream, and sherbet. Here are some combinations with milk: cereals and breads, fruits and fruit juices.

Use of Milk in Body

1. **Protein.** When milk enters the stomach it clots or clabbers as it does during the souring process in the milk pan. Certain little bacteria (harmless) work on the sugar in the milk and make an acid. It is the acid that clabbers the milk or makes the protein solid. That is exactly what happens in the stomach.

2. **Sugar.** The sugar in milk is lactose. It is not so sweet as ordinary sugar and is easier to digest. It furnishes heat.

3. **Fat.** All whole milk contains fat in the form of cream. It is in the form of "emulsion" and is therefore easily digested.

4. **Mineral.** Lime and phosphorous, especially needed in bones and teeth, are there in the proper combination for best work. One quart milk gives the day's supply of lime and about $\frac{1}{2}$ supply phosphorous.

LINOLEUM FOR THE WORK SPACE

WHETHER for a table or for any other working surface in the kitchen, inlaid linoleum makes a covering that is quiet to work on and is easily cleaned. When the surface is properly treated pastry may be rolled out, bread cut, and hot or cold dishes placed on it without harm. Frequently odd pieces of linoleum that are too small to be sold for floor coverings may be obtained at a small cost and are quite enough for the top of a table or cabinet. The linoleum is cut to fit and cemented firmly to the working surface with water proof glue or cement used for cementing linoleum to floors. It should then be washed, dried thoroughly, and allowed to stand several hours before further treatment. The rest of the process consists in brushing over the surface with a very light coating of paraffin,



Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: The long winter evenings are just around the corner, when we will have a chance to go back to some favorite magazine or book which has been neglected during the busy weeks of late summer. Perhaps you have even thought you would write the M. B. F. on some particular subject, when you found a little more time.

We want to become better acquainted than ever before, or perhaps I should say we want to enlarge our circle of acquaintances, and though you are one of our 75,000 subscribers we figure only those who use our Service Bureau, as real acquaintances. Our editor has his staff of capable assistants to answer questions of all departments and there is no charge.

Let it be a legal question, something concerning your schools, home plans or improvements, livestock, food, children, health or sewing—write us about it and let us help you.

We are always glad to hear from our readers who give us their opinion of our paper; or any suggestions where we can improve our service. Our editor has just one idea in mind regarding M. B. F. and that is to make it second to none, in the field that it serves.

Any letters to the women's department receive my personal attention and I invite every reader to send your best recipes and ideas for saving time and labor in the household, to our department, for the very things that you were glad to learn from some friend will be just as welcome to our readers.

If you have ever written and received no reply we did not receive your letter or there has been some mistake. In handling so many letters sometimes one gets "in the wrong pew" but not often.

North, south or west—
let us hear from you—
"eventually, why not now?"

Address letters: Mrs. Annie Taylor, care The Business Farmer, Mt. Clemens, Michigan.

*Your Friend,
Mrs. Annie Taylor*

ironing in as much of this as possible with a warm iron, and then wiping off any surplus with a soft cloth before it has time to harden. When the linoleum has cooled a final coat of some good spar varnish is applied and as soon as this is dry the surface is ready to use.

TIME SAVERS BRING REST PERIODS

TO the housewife who believes in the gospel of rest and recreation as well as the gospel of work, the following suggestions are offered by Mary A. Davis, extension specialist in foods and nutrition at South Dakota State College.

A homemaker must make short cuts to the necessary "three meals a day", if she wants time to enjoy friends, clubs, books, an hour or two in the open, and occasional motor trips.

Food put in charge of silent servants needs little or no watching. A wise homemaker will gradually collect implements and tools that will make kitchen work easier.

She will often select one-dish din-

ners that are easy to prepare and simple to serve, with little dish washing and cleaning away afterwards.

She will keep the tools and equipment as close together as possible and convenient to the place where they are most used. A kitchen cabinet has proved its worth in that respect. Where no cabinet is available, shelves may be arranged over the kitchen table or beside it.

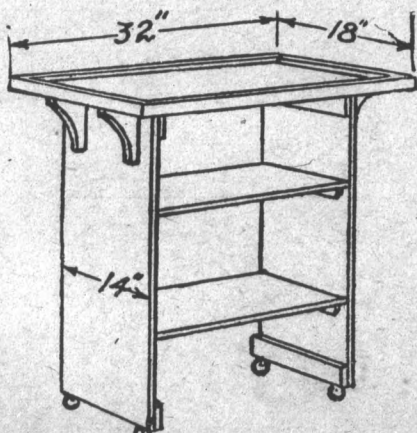
The housewife will save many steps by a simple rearrangement of the kitchen fixtures.

In every well-managed home, the wife of the house will have on her pantry shelves, meats, vegetables, and fruits canned in season, which can be prepared for the table in a very few minutes.

She will have trays and wheel stands, those great step and time savers, to carry dishes to and from the dining room, kitchen, and pantry.

She will have a high stool to sit on and a small soft washable rug in front of the sink to ease her tired feet when standing there. Her work table and sink will be just the right height; her tools will be kept in good condition.

Build A Handy Kitchen Wagon



Simple kitchen wagon.

BUILD A HANDY KITCHEN WAGON

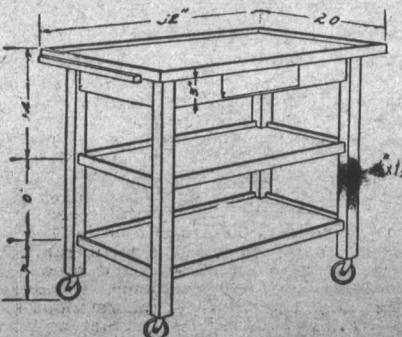
THE average farm wife does more walking than any other woman living we dare say, and perhaps does the least of any class of women to save herself steps.

The Michigan State College has published a bulletin entitled "Farm Kitchens," which is distributed free of charge to all of those requesting it, that contains some very good advice along the lines of arranging your kitchen to save steps, and the

two kitchen wagons shown here are taken from this bulletin.

The kitchen wagon can be used in many ways, but its principle use is for when setting the table or clearing away the dishes. You can do in one trip what would require several without it.

The simple wheel tray equipped with common castors can be easily built by anyone who is at all handy with a hammer and saw, and many of them are constructed by women whose husbands are too busy to find the time. Of course the second one is more substantial, looks nicer and will prove more satisfactory, but do not go without a kitchen wagon just because there may not be time for construction of this one.



Real substantial piece of furniture.

Personal Column

Diet for Sugar Deabetes.—Some one asked for a diet for sugar diabetes. I started with the diabetes when we lived in Charlevoix county and the doctor cured me. My diet was whole wheat bread, fish, eggs, milk, butter, cream, a little meat not fat, sour fruits, cabbage, carrots, lettuce, radishes, corn meal mush, corn meal gems, whole wheat gems; no sugar, no white flour or anything starchy and no potatoes.

Do you know that common ammonia will cure neuralgia in the face and gums. Rub on outside and on the gums. Do not swallow it. Some one asked for a cure for tonsillitis. This will cure it or the worst case of sore or quincy throat; take equal parts of tincture of iron and glycerine and mix. Swab throat with it. Mrs. J. St. J., Lawton, Michigan.

—if you are well bred!

Who Pays, When and Where.—The moving picture has accustomed us to the phrase: "The woman pays and pays and pays," but this is by no means the invariable social rule. If you are seeing off a friend at the Pennsylvania Terminal, and excuse yourself for a moment to return with an armful of magazines for her to read on the train, the question as to who pays, naturally, does not arise. But—and this is the gist of the whole matter of the woman's paying—it is her decision which must be respected, in the last analysis, especially in these days of feminine independence. Ever since Ibsen wrote "The Doll's House" woman's greater independence has had an increasing number of social reflexes. The old theory that woman financially is always a clinging vine has been abandoned. As in so many other cases, the degree of friendship between a man or woman plays a part. Two young people were engaged, for the sake of some practical end in view, may have decided that each should pay his own way when together. This involves no breach of etiquette. Bus and taxi fares are paid and subway and elevated tickets bought by the man as a rule—unless the lady objects and prefers to pay for herself. If she does object, it is impolite of the man to insist. Remember that while it is a privilege—or a duty, if you choose—to pay a woman's fare on any local conveyance, it is her prerogative to pay for herself if she so desires. In a restaurant, even though she be the hostess (and hence the person who pays) at a supper or theatre party, a check should never be presented to a lady.

It stands to reason that a woman never pays a man's fare or his restaurant check when she is not formally his hostess. If by some mischance, a man's billfold has been mislaid or stolen and he discovers the loss, the lady (if he cannot avoid explaining his embarrassment) should slip the money to him, allowing him to pay. The woman hostess of a party, however, who has engaged conveyances of any kind to carry her guests from one place to another (the transportation thus being an incident of her invitation) always pays. Her husband or a male friend should attend to the details (purchase the tickets, etc) but she should pay. This applies to a meal in a restaurant as well, under similar circumstances. But to avoid embarrassment (especially where there are male guests) the dinner, luncheon or tea, including tips, should be paid in advance.

At a business luncheon, in which a man and a woman meet on a "man to man" footing, as a convenience in discussing affairs, each usually pays his own check, unless the lady in question has accepted the appointment as an invitation. In any case, when it is simply a question of luncheon to the theatre matinee or musicale, football game or any other, the man pays as a matter of course.

The Runner's Bible

(Copyright by Houghton Mifflin Co.)

Give me neither poverty nor riches.
Feed me with the food that is needful
for me. Pro. 30:8. (E. R. V.)

Blessed is every one that feareth the
Lord; that walketh in his way. For thou
shalt eat the labor of thine hands: Happy
shalt thou be, and it shall be well with
thee. Ps. 128:1-2.

He that trusteth in his riches shall fall;
but the righteous shall flourish as the
branch. Prov. 11:28.

For the Movie Fan

The Big Parade.—It will be quite some time before this picture reaches the theatres in the smaller towns of the state, as it has been showing at only the high price houses so far. While I have not seen it yet I have heard so much about it that I want to tell you about it so that you can be on the lookout.

It is a story of the world war and is considered the most human picture dealing with the life of the American doughboy during the great conflict, that has ever been filmed. Critics declare it to be a true picture of war, just as the doughboys saw it. That it is proving very popular with the public is evidenced by the fact that wherever it is shown

the house is filled to capacity and the run averages longer than most other pictures, remaining several weeks at some theatres.

The three "buddies" in the picture are John Gilbert, Earl Dane and Tom O'Brien, with Mr. Gilbert taking the star part. Miss Renee Adoree, who stars with Mr. Gilbert, was born in France and was a refugee during the war.

Recipes

Pickle Recipe.—Dear Mrs. Taylor:—I always read every word of your helpful page and find many valuable suggestions there. I noticed in the last issue of M. B. F. a request for a recipe for canning sweet pickles. Here is mine. Place cucumbers in salt water in the morning. Let stand until the next morning. Pack tightly in sterilized jars and cover with hot spiced vinegar as follows: 1 cup vinegar, 1 cup sugar, about 1 tablespoon mixed spices. Bring to a boil and pour

over cucumbers. Seal at once. This is fine for any kind of pickles.—B. J., Spruce, Michigan.

Sweet Pickles.—Mrs. D., Alamo, Michigan, wishes recipe for sweet pickles. The following will be a guide: 4 quarts of cucumbers; 1 quart vinegar; 2 cups of water; 2 cups sugar or more; 1 tablespoon of mustard or seed; 2 teaspoonful tumeric. Wash cucumbers, put in salt water, cup to gallon, over night. Drain, pack in quart jars, put vinegar on in kettle, add sugar, or leave sugar out if you like. Let come to a boil. Fill jars and seal. Or another for larger cucumbers, medium size: Slice two quarts of cucumbers, 2 onions in separate dishes using the above amounts or to taste but when vinegar is hot put cucumbers and onions in and let come to a boil and seal being careful not to break as they should be cut thin.

Ever-Ready or Quick Pickle.—Still another to the busy farmer wife. Take one or two gallon crock. For a two gallon crock take two gallons vinegar, 1 cup of mustard, 1 cup salt, 2 cups sugar. Have crock clean and well scalded put liquid in and stir well. Wash cucumbers and add each day any size only those that are very large. Keep cloth on top with plate turned over. Keep pickle under vinegar always. They are something like dill but are better and always ready in a hurry and easy to put away. Set on cellar floor or in a cool place.

Jelly.—To make jelly this time of year take a peck of red apples, quarter taking core out. Wash having all clean. Put in steam kettle two quarts water. Cook until well done. Put in jelly bag and let drip over night. In the morning cook 1 quart half ripe grapes in pint of water mashing as they cook take juice and add to apple juice and measure. Put on to boil, when it starts to boil add sugar $\frac{3}{4}$ cup to every cup of juice. Boil slowly five minutes and try. If it thickens on spoon it is done. If you would like to change the color use any fruit juice such as plums, cherries or berry juice.—Mrs. Z., Washtenaw County.

Making Pickles.—Mrs. D., Alamo, Michigan, asks in September 11th issue of M. B. F. for a recipe for sweet small cucumber pickles and I am sending what I think the best and by far the easiest I have ever tried. Am also sending one for large cucumbers I think good. Both can be put up a little at a time if desired or as many.

Saccharine Pickles.—Wash and pack in jars small cucumbers and cover with the following mixture without heating: 1 quart of cider vinegar, $\frac{1}{4}$ cup ground mustard, $\frac{1}{4}$ cup salt, $\frac{1}{4}$ teaspoon of saccharine, 1 teaspoon of mixed spice.

Sliced Cucumber Pickle.—12 large cucumbers, 6 small onions slice thin and cover with 1 teacup of salt. Let stand two hours, drain and add 1 quart of vinegar, 1 cup of sugar, 1 tablespoon celery seed, 2 tablespoons mustard seed. Bring to a boil, can and seal.—Mrs. R. S. M., Benton Harbor, Michigan.

Homespun Yarn

Linoleum makes the kitchen floor easy to care for.

A screened porch makes a good outdoor dining room.

Long, plain fitting sleeves are becoming to a short stout figure.

Hang pictures in a child's room low enough to be at his eye level.

To remove machine oil, wash the garment with soap and cold water.

A few pieces of charcoal placed in a tin cookie box will absorb moisture.

Loose clothing with soft lines is always becoming to a slender person.

Improper food prevents you from having a maximum amount of energy.

To remove peach stain soak garment in glycerine, then wash with warm water.

Bright eyes and rosy cheeks cannot be bought—they are the interest on the bank account of health.

OUR BOOK REVIEW

(Books reviewed under this heading may be secured through The Michigan Business Farmer, and will be promptly shipped by parcel post on receipt of publisher's price stated.)

The Child Welfare Manual.—A handbook of child nature and nurture, for parents and teachers. The manual, in two volumes, was compiled for the assistance of mothers and teachers in the training of children from birth until well on toward maturity. The qualities at which the editors have aimed are practicability, simplicity, authoritativeness, and completeness. The collection is arranged in six important departments: home equipment, physical life and problems, mental life and problems, social life and problems, moral and religious life and problems, personal conduct and character. Leading educators, clergymen, and experts in child training endorse it. Published by The University Society of New York City.

AIDS TO GOOD DRESSING

(Be Sure to State Size)



5619. School Frock.—Plaid woolen combined with wool crepe in a contrasting shade is here shown. This design is also good for wash materials or velveteen. Pattern cut in 4 Sizes: 6, 8, 10 and 12 years. 10 year size requires 2 $\frac{1}{2}$ yards of 40 inch material with $\frac{1}{4}$ yard of contrasting material for facing on collar and cuffs, if made with short sleeves 2 $\frac{1}{2}$ yards of the one material is required.

5606. Two Piece Dress for Women of Mature Figure.—Moire, satin, taffeta or broadcloth suitable for this model. Pattern is cut in 9 Sizes: 38, 40, 42, 44, 46, 48, 50, 52 and 54 inches bust measure. 44 inch size requires 3 $\frac{1}{2}$ yards of 54 inch material together with $\frac{1}{4}$ yard of contrasting material $\frac{1}{4}$ inch wide for the vestee.



5623. Child's Coat. Cut in 5 Sizes: 2, 4, 6, 8 and 10 years. A 6 year size requires 1 $\frac{1}{2}$ yard of 54 inch material.

5605. Effective Model.—A pleasing style especially attractive for slender figures. The sleeves will require 2 $\frac{1}{2}$ yards of 54 inch material, with short sleeve 2 $\frac{1}{2}$ yards will be required.

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Mt. Clemens, Mich.

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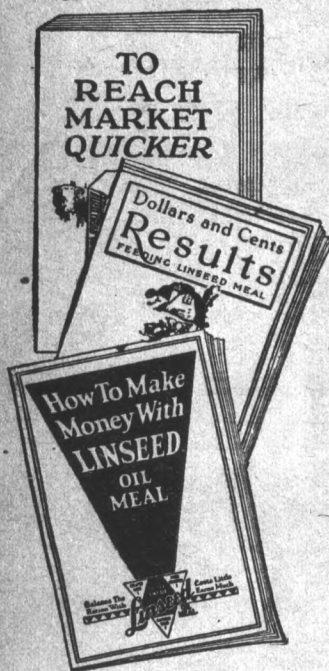
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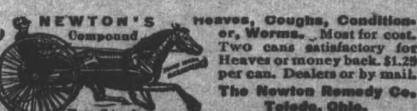
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Motto: DO YOUR BEST
Colors: BLUE AND GOLD

DEAR boys and girls: I do not know whether I will be able to write an intelligent letter or not this week because I have received a great shock that has left me in some what dazed condition. You see, it happened this way. In judging the entries in our most recent "Read and Win" contest we found that first and second prizes had been won by boys. Yes, that is right—boys. It doesn't seem possible but it's the truth. Why the girls thought the boys just didn't dare to try for any of the best prizes, and here two of them step right in and take first and second before they know it.

Having been a boy myself many, many years ago, naturally I was almost tickled to pieces to learn that the male members of our circle broke into the spot-light and I am as proud as a peacock.

Keep up the good work, boys. The girls are real experts at contests, but so are you if you try hard.

The winners of the "mystery" prizes are: Arthur Fox, age 11, of Kewadin, who gets a Boy Scout jackknife, as first prize; Edward W. Kramma, age 13, of Marion, gets a nice two-blade jackknife as second prize; and Hildegard Gohlke, age 15, of Ossineke, won a leatherette school bag in which to carry her books and pencils to and from school as third prize.

Our joke contest is coming along very nicely and we are going to have some real funny ones to publish on our page. In the next issue I hope to announce the winners in that contest and begin a new one of some kind. I haven't exactly decided what our next contest will be about but I am working on it.—UNCLE NED.

Our Boys and Girls

My Dear Uncle Ned,
I should be in bed,
For it is very late,
But writing is my fate.

The Children's Hour is partly mine,
'Tis sure to make M. B. F. Shine.
Our motto, "Do your Best"
Will help you, God will do the rest.

Our colors, "Blue and Gold",
Are worth a thousand fold.
Our button you may win,
Maybe you'd call it a pin.

You may have one if you choose,
If intelligence you can use,
They are very nice to keep,
When you are old your pleasures reap.

Now I know you cannot see
So I'll tell you about me.
I weigh one hundred and twenty,
I guess that is a plenty.

I measure five foot five,
For six feet I sure will strive,
I have black hair. Sure it's bobbed
But for beauty, I was robbed.

I'm the eldest in our family.
Brothers four and sisters three.
I live out on a farm
And awake without alarm.

I am fifteen years of age,
I write poems page by page.
I go to Coleman High School
And do my best to obey each rule.

I am President of the Junior Class.
Not so bad for a little lass.
I'll give you a little hint—
May I see this in print.

Now my letter I must close
Before you bang me on the nose.
Write to me both girls and boys
For letters are my greatest joys.

Well, I think I've written enough
So I'll quit this silly stuff.
I live near the river Salt,
And my name is Anna Gault.

—Anna Gault, Coleman, Mich.

Dear Uncle Ned:—I am writing you to convince a friend of mine that these letters are written by the boys and girls, so please print this letter to show this friend I am right. You see you haven't even an address to send the letters to so I don't know if I should send it to M. B. F. or not.

I am a girl fifteen years of age, quite tall, five feet, nine inches in height. I have dark brown hair and eyes so you see I am nothing to be scared of "atall". I have lived on a farm all my life. My most joyful sport is swimming as I live

across the road from Deer Lake. I am kept quite busy in high school. I am a soph and am taking up Geometry, European History, English II, Typewriting and Sewing. I would like to take up German as I am German myself but they don't teach it in this school.

I will be glad to answer all letters from folks over fifteen years of age. I am now and forever everybody's friend.—Beatrice Sudman, R4, Box 36, Boyne City, Michigan.

—Now will your friend believe you? My address is just Uncle Ned, The Business Farmer, Mt. Clemens, Mich., and any letters addressed like that will be delivered to me—that is providing the proper amount of postage is put on it.

Dear Uncle Ned:—I have not written to you for so long that I think I had better give my description. I am sixteen years old the 20th of May, 1927. I am a freshman in Sault High School this fall. I weigh ninety pounds, am five feet tall, bobbed hair, light complexion (except where I am tanned). When I wrote to you first I had long hair but I have had it bobbed.

I have been working out since I last wrote you. I earned \$3.00 a week. I suppose you think that a small wake, do you, Uncle Ned? Maybe you worked for less when you were young. Now, I am picking blueberries, Uncle Ned. We have a Star Four touring car.

Yes, Uncle Ned, I sure would like to have a written story contest. I have never been in any of your contests yet.



"Isn't my Jack-o-lantern a nice one?"

I sure would like to write a story. I have so many subjects to write on I will have to decide on which one to take.

I wish more of the cousins would write to me. I am willing to answer. I have been keeping correspondence up with Thelma Harter of Paris, Michigan. Thelma and I are becoming great friends. But one thing I regret to say that Margaret — of Charlevoix wrote to me and I lost the letter or something. I wish she would write to me again. If she reads this letter or maybe, Uncle Ned, you know her last name. If you do I would be very thankful to have it.—Blanche McCance, Box 19, Raber, Mich.—Is it Margaret Piggott or Margaret Route 1, Charlevoix.

Boss you are referring to? Both live on

The Right Answer

A man who believed he knew all about parrots undertook to teach what he thought to be a young, mute bird to say "Hello!" repeated that word in a clear voice for several minutes, the parrot paying not the slightest attention. At the final "Hello!" the bird opened one eye, gazed at the man, and snapped out, "Line's busy."

A Game to Play

HAND TAG

THIS is a good game for young people of school age, and should be played in a gymnasium or barn or some other suitable place. It is like ordinary tag, except that anyone is safe who is hanging from a piece of gymnasium apparatus, if the game is played in a "gym"; or from a rafter or beam in a barn, or from the limb of a tree if it is played outdoors as it may be in the summer time. Anyone who has his feet on the floor or ground may be chased, and if he is caught, becomes "it." The game may be continued indefinitely.

Lenawee (W).—October started wet but had few nice days. Cutting corn, filling silos, sowing wheat. Corn frosted bad. Some wheat up; some ground will not be sown, too wet. Potatoes small crop, lots of small ones. Corn will be mostly husked with machines on account of borers. Quotations at Cadmus: Hay, \$18.00; oats, 32c bu.; wheat, \$1.25 bu.; potatoes, \$2.00 cwt.; eggs, 46c doz.; butterfat, 42c lb.—C. B., 10-14-26.

Tuscola (W).—Wet weather has kept farmers back from sowing wheat. Some beans yet in field. Corn not all cut; large percentage still soft. Not many winter apples. Sugar beet crop not up to expectations. No report yet of corn here in this locality. Quotations at Vassar: Wheat, \$1.16 bu.; corn 69c bu.; oats, 35c bu.; rye, 77c bu.; beans, \$4.35 cwt.; potatoes, \$1.25 bu.; butter, 50c lb.; eggs, 37c doz.—J. T., 10-14-26.

Genesee.—Wet weather continues and much injury done to beans. Digging potatoes. Some more wheat being sown, but most farmers think it's getting too late. Early sown wheat and rye looking good. Quotations at Flint: Corn, 85c bu.; oats, 38c bu.; rye, 77c bu.; wheat, \$1.21 bu.; beans, \$4.36 bu.; potatoes, \$3.75 cwt.; eggs, 45c doz.; butter, 48c lb.—
H. S. 10-14-26.

Clare (NW).—Potato digging and bean pulling order of day. Lots of potatoes rotting. Beans in no condition to stack although few trying it. Corn soft. Potato and stock buyers numerous. Rain every other day. Pastures fine. Cream on rise. Lots of fall grain being put in. Quotations at Harrison: Potatoes, \$1.25 cwt.; eggs, 33c doz.; butterfat, 46c lb.—Mrs. D., 10-14-26.

Gladwin (NW).—Corn cutting all done. Corn poor, very little good for seed. Silos not filled yet. Bean pulling and potato digging on way. Some beans badly damaged by frost. Buckwheat in shock yet. Too much rain. Several jobs of threshing to be done yet. Not much fall plowing done. Quotations at Gladwin: Potatoes, \$1.00 cwt.; butterfat, 42c lb.; eggs, 36c doz.—L. C. Y., 10-14-26.

Berrien (N).—Grape movement is on decline; no damage from frost to date. Late fall and winter apples beginning to move. Quality excellent. Prices \$3.00 to \$4.00 per bbl., depending on variety. Lower grades very slow sale. Ciders, 35c cwt.—H. N., 10-14-26.

St. Joseph.—Corn cutting nearly completed; some soft corn; not big crop. Late potatoes will be harvested soon. Late apples being harvested. Nice weather with occasional light frost. Full grain looks extra good.—Alvin J. Yoder, 10-14-26.

Missaukee.—Silo filling about finished. Farmers digging and hauling potatoes. Others taking out manure and fall plowing. More lambs going to market, also a few hogs. Quite a few cows being sold and shipped to southern part of state. Too much rain for beans.—J. H., 10-12-26.

Monroe.—Much injury has been done to late crops by heavy rains. Silos are being filled late, as it is difficult to get into fields with machines for cutting. Some potatoes rotting on very wet ground. Crop not entirely loss however. Production was abundant. Wheat will be sowed late on account of wet fields, as a general thing. Quotations at Monroe: Corn, \$1.00 cwt.; oats, 37c bu.; rye, 75c bu.; wheat, \$1.24 bu.; potatoes, \$1.75 bu.; eggs, 43c doz.; butter, 45c lb.—Mrs. Florence Howard, 10-14-26.

Wexford.—Weather cool with frequent rain and frosty nights. Corn mostly cut. Beans pulled, potato harvest begun. Yield is fair but potatoes needed about two more weeks for ripening when frost came. Late hay was hindered by wet weather. Quotations at Cadillac: Hay, \$15.00 ton; Corn, \$1.00 bu.; oats, 43c bu.; rye, 78c bu.; wheat, \$1.15 bu.; beans, \$4.25 cwt.; potatoes, \$1.67 cwt.; eggs, 36c doz.; butterfat, 44c lb.—E. H. D., 10-12-26.

Clinton-Eaton-Ionia.—So much rain is holding back fall work, some beans are not fit for hog feed. There is a little corn that as yet is not cut and there is lots of clover seed to thrash. Some are digging potatoes and filling silos. Wheat looks quite good and some seedings. Apples are ready to pick but everyone is so busy at other things they are neglected. Quotations at Lansing: Grapes, \$1.50



Cass.—Corn is ripening fast, soil filling is almost over with for another year and corn cutting is in full swing. Wheat is growing fine and most of it will go into the winter with a fine start. Potatoes are going to be a fair yield and fruit is fine. Grape picking under full swing. We have not had a killing frost but expect it every night. Quotations at Marcellus: Corn, 90c bu.; oats, 37½c bu.; wheat, \$1.18 bu.; potatoes, \$2.25 cw.; eggs, 35c doz.; butterfat, 45c lb.—W. N. H., 10-14-26.

Saginaw (SE).—Weather not very favorable for harvesting beans and potatoes, too much rain. Corn all in shock or in silos. Potato digging in full swing crop light. Some farmers fall plowing. Some grain thrashing to be done yet. Pastures fair. Stock looking thrifty. Beef cattle and hogs scarce, prices good. Wheat doing fine, normal average planted. Quotations at Birch Run: Hay, \$13.00 ton; corn, 75c bu.; oats, 35c bu.; rye, 77c bu.; wheat, \$1.16 bu.; beans, \$4.35 cwt.; eggs, 40c doz.; butter, 48c lb.—E. C. M.: 10-14-26.

Hillsdale (NW).—Corn husking started, with a good many acres of corn standing on hill, due to killing frost before corn was ripe. Silo filling finished and buckwheat threshing now in order. Not much buckwheat raised right around here. Not many winter apples, but those that have them are picking for home use. Some potatoes yet to dig. Cabbage about all harvested. Wheat and rye are growing fine. Chas. Hunt, 10-14-26.

Lake (N).—Harvesting beans is main work now between rains. Rainy weather here for three weeks. Men are hard to get to take care of crops. No grain going to market. Cattle in good shape. Potatoes, \$1.50 a hundred pounds at Luther. Rye, 60c at Cadillac. A lot of fruit coming in from Mason county.—Frank Kaderabek. 10-13-26.

Midland.—Bean, corn and sugar beet harvest all on to us at once. Heavy frost has damaged beans and corn. Many beans are out. No potatoes dug. No fall plowing done. Wheat looking good. No apples to speak of. Rains are keeping pastures up. Quotations at Midland: Hay, \$15.00 ton; corn, 75c bu.; oats, 33c bu.; rye, 73c bu.; wheat, \$1.12 bu.; beans, \$4.50 cwt.; potatoes, \$1.40 cwt.; eggs, 40c doz.; butter, 43c lb.—B. V. C., 10-11-26.

Oakland.—Continued rains have held up all farm work. Most farmers expected to put their bean ground into wheat. Some are sowing wheat yet; few fields sowed early are looking fine. Corn badly frozen. Ground soft for harvesting. Silo filling nearly all done. Large percent of corn will be soft. Potatoes turning out good both as to quality and quantity. Quotations at Holly: Wheat, \$1.19 bu.; oats, 40c bu.; rye, 78c bu.; beans, \$4.40 cwt.; potatoes, \$2.25 cwt.; butter, 45c lb.; eggs, 42c doz.—John DeCou, 9-14-26.

Mason.—Fresh milk cows at auctions are bringing around \$72.00 apiece. Veal is selling at 17c at Ludington, broilers are bringing from 14c for Leghorns to 20c and 23c for heavier breeds at different points in Manistee and Mason. Potatoes are very scarce. In some sections, though quality is good, there are only three or four to a hill. One man sold enough corn from 10 acres to make \$140.00. Quotations at Scottville: Wheat, \$1.14 bu.; oats, 45c bu.; rye, 75c bu.; beans, light red, \$7.00 cwt, potatoes, \$1.00 bu.; butter, 40c lb.; eggs, 37c doz.—G. Pearl Darr. 10-12-26.

Good pasture is succulent, palatable and rich in protein, minerals and vitamins.

Mix them like this

Amco 32% Lbs.	+	Farm-grown grain Lbs.	=	24% feed Lbs.
↑		↓		↑
650	+	350 Corn Meal	=	1000
650	+	350 Corn and Cob Meal	=	1000
600	+	400 Ground Oats	=	1000
600	+	400 Ground Barley	=	1000
600	+	400 Ground Corn and Oats	=	1000
600	+	400 Ground Barley and Oats	=	1000

DAIRY farmers who get the most milk from their cows usually feed a 24% protein dairy ration. But Michigan farmers have a lot of farm-grown grains on hand now to use up which contain only about 15% protein. You can get an excellent 24% feed with these farm-grown grains by mixing them as suggested above with Amco 32% Supplement. This table shows you some correct mixtures.

Study the formula for Amco 32% Supplement and you will see that as a supplement to what is at home, it cannot be bettered. Notice the ingredients. The best in the world. You know because you have used them all. Here they are all blended to supplement

yours and furnish what your farm-grown feeds lack.

Supplemented by Amco 32%, you can sell your farm-grown feed to your cows for the price of a first class dairy feed.

AMCO
32% SUPPLEMENT

500 lbs.	.....	Cottonseed Meal
100 "	.....	Soybean Oil Meal
500 "	.....	Gluten Meal
280 "	.....	Linseed Meal
100 "	....	Corn Distillers Grains
260 "	.....	St. Wheat Bran
100 "	.....	Hominy
100 "	.....	Molasses
20 "	.....	Steam Bone Meal
20 "	.....	Ground Limestone
20 "	.....	Salt

GUARANTEED ANALYSIS

Protein	(Minimum)	32%
Fat	(Minimum)	4.5%
Carbohydrates	(Minimum)	45%
Fiber	(Maximum)	9%

Digestible Protein—26.2%
Total Digestible Nutrients in 1 ton—1505 lbs.

AMCO

FEED MIXING SERVICE

American Milling Company, Peoria, Ill.

THIS MARK ON A BAG  MEANS HIGH QUALITY
FEEDS WITH OPEN FORMULAS "AMCO MIXED"



More Profit In Feeding

By Balancing Home
Grown Feeds With

Corn Gluten Feed

23% Protein
Makes Every Ration Better

Your pastures are dry. Winter feeding time is here. Buy your Corn Gluten Feed now—to balance your home-grown feeds and increase the protein.

It is not what the animal EATS, but what it DIGESTS that makes meat or milk. You can make the ration more digestible by feeding Corn Gluten Feed.

In each 100-pound bag of Corn Gluten Feed you get five to twenty-five pounds more digestible material than you get in the other protein concentrates commonly used.

So when you feed a ration containing Corn Gluten Feed you make more money because the cow digests more, therefore she does not need as much feed to make a gallon of milk.

Dairy cows winter better on a Corn Gluten Feed ration. They maintain full production and a fine condition.

Order your winter supply of Corn Gluten Feed at once. If your dealer does not sell it, any manufacturer will supply you.

Write at once for free copy of Bulletin containing good rations for cattle, dairy cows, hogs, sheep and poultry.

Ask for Bulletin 5-KK

Associated Corn Products Manufacturers
Feed Research Department
208 South La Salle St., Chicago, Ill.

No. 57



DAIRY and LIVESTOCK

(We invite you to contribute your experience in raising livestock to this department. Questions cheerfully answered.)

JERSEYS AT KALAMAZOO COUNTY FAIR

THE display of nearly 40 Jerseys at the Kalamazoo County Fair was the direct result of a tour of the county August 12th headed by the very efficient fieldman from the American Jersey Cattle Club, Mr. H. E. Dennison.

We visited many herds and Mr. Dennison recommended the showing of many animals, also urged the shambles for one sire. Premium list includes the following Senior Bulls: 1st, Sunburst Majesty, 215427; 2nd, Vera's Oxford Shyluck, 180542; 3rd, Gold Medal Baron, 229121. Yearling Bulls: 1st, Financial Buttercup's Duke, 249876; 2nd, Pogis 99th Duke, 32nd. Bull calves: 1st, Gold Medal Baron's Fox, 259980; 2nd, Betty's Majesty's Lad, 256000; 3rd, Shyluck of Cloverleaf, 259882. Senior Cows: 1st, Betty Atta's Jewel, 327-459; 2nd, Pride's Little Rosaire, 520-490; 3rd, Primroses Rosaire, 479-284. Cows 3 years old: 1st, Majesty's Pride of the Pines; 700041; 2nd, Otsego's Maple Grove Lass, 578649. Cows 2 years old: 1st, Rosaire's Lizzie, 679108; and, Sunburst Origa's Majesty's Pet, 696892; 3rd, Elsie May Fox, 634164. Cows 1 year old: 1st, Rosaire's Blaze; 2nd, Sunburst Majesty's Rainbow; 3rd, Ralieg's Betty of Avalon, 653794. Heifer Calves: 1st, Mr. Vorencamp's Heifer; 2nd, Mr. Weinburg's Heifer. Grand Champion Bull, Sunburst Majesty; Junior and Grand Champion Female, Rosaire's Blaze.

The Senior Bull Class, the Senior Cow Class and the Yearling Class were exceptionally strong. Rosaire's Blaze was the outstanding female with many fanciers and no critics.

The object of the Kalamazoo Jersey Cattle Club in getting out this large display of fine animals was to promote a better general type, encourage better individual judging and let the public know that in Kalamazoo we do.

Winners List

Sterling Welborn, Grand Champion Bull and aged Cow. Oscar Berger, Junior and Grand Champion Female. 1st on 1 and 2 year old cows: Mrs. Eva Travis; B. H. Kirkland; Mr. Shephard; Fred Hayward; W. H. Wood; Roy Weinburg; A. Leelye; Mr. Vorencamp.—L. J. Bradley.

C. T. A. WORK GAINING IN POPULARITY

DAIRYMEN of the United States are constantly placing more faith in the value of cow testing association records. According to the United States Department of Agriculture there are now 844 of these associations operating in the United States, testing the herds of twenty thousand dairymen each month. More than three hundred and twenty-five thousand cows are regularly under test in these associations.

The cow testing committee of the American Dairy Science Association has completed a set of uniform methods to be used in the conduct of these organizations.

Uniform rules now in use in almost all states conducting cow testing association work have aided materially in improving the work of the cow tester. Cow testers are dairy cow bookkeepers who are employed by groups of dairymen to give them more information about their cow business. It is the cow tester's business to stop losses through poor cows. He also helps improve the rations fed cows and makes a careful study of the breeding value of dairy bulls used by his members.

Great losses in time, effort, and money have been incurred in all dairy sections when no records of production are kept. The coming of the cow tester to the dairy farmer results in the stoppage of these losses. According to A. C. Balzer, Dairy Department, Michigan State College, Chairman of the Committee, even greater profitable results are expected throughout the dairy sections of the country through the continued application of cow testing methods. Much favorable comment has originated from many dairy localities regarding the improved methods recommended by this committee.

The personnel of the Committee is as follows: A. C. Balzer, Michigan State College, Chairman; E. A. Hansen, University of Minnesota, St. Paul, Minnesota; Burt Oderkirk, Iowa State College, Ames, Iowa; James Linn, Kansas State College, Manhattan, Kansas; and J. B. Parker, Dairy Bureau, U. S. D. A.

FAMOUS POWELL FLOCK NOT DISPERSED

RUMORS to the effect that H. E. Powell and Son, from near Ionia, had sold their flock of purebred Shropshire sheep to Wm. E. Scripps, Detroit newspaper man, and they intend to retire from the farming business have been going about the state during the last few weeks. Stanley Powell, the son in the firm, assures us that this rumor is false.

"We did sell around ninety head to Mr. Scripps," he said, "but this is far from all of our flock. With the foundation stock we have left we intend to build a better flock than we have ever had so far. And, of course that means that we are not going to quit farming."

"BRINGING HOME THE BACON" WITH BERKLEY ROCK WHEAT

(Continued from page 4)

heads, while Berkeley Rock showed only 2 or 3 per cent of smutted heads, and, for all practical purposes, may be considered immune to this disease.

Probably of even greater importance is its resistance to the loose smut, the disease which shows quite badly in most of our wheats at about the time they are heading out, and which can only be controlled by a difficult and inaccurate hot water treatment. For four years, inspectors for the Michigan Crop Improvement Association have been looking over fields of Berkeley Rock, and for even longer periods the variety has been included in tests conducted by the Michigan State College and in no instance has there been an infestation of the loose smut.

Berkeley Rock Wheat prefers the heavier types of soils, where the nitrogen and organic matter available makes possible the successful production of the harder types of red wheat.

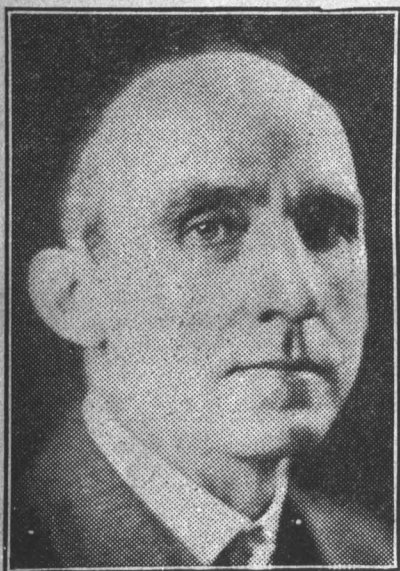
Its climatic range throughout Michigan is wide. In addition to the high quality crop of Mr. Phillips, which yielded 30 bushels to the acre,



G. P. Phillips

a fellow Eaton county farmer, John Gidner of Pottersville, secured 37 bushels per acre, George Daniels of Bruce Crossing in Ontonagon county, of the far northern part of the Upper Peninsula, secured a yield of 38 bushels per acre, while Louis Blanke on the heavy soils of Monroe county secured 31 bushels per acre. Brown Bros. of Ithaca, Fred Knox of Portland and A. H. Perrine, near Jackson, are other growers scattered throughout the state who have done well with the new wheat.

While the general tendency in the past year has been to change to the production of a good white wheat like American Banner, there still is room on many of our heavier types of soil for a good red wheat, and the quality, winter, hardiness, productivity and smut resistance of the Berkeley Rock commends it to a farmer looking for wheat of that type.



Missouri Doctor Invents Better Rupture Method

Having no leg-straps, no elastic belt, no cruel binding spring bands, no "plug" pads, and declared by many users to be superior to every type of truss used by them, a special type appliance of common sense principles for groin rupture is the latest invention of Dr. Andrew Kaiser, 2155 Koch Building, 2906 Main Street, Kansas City, Mo. The Doctor has long specialized on rupture. He will gladly send his appliance on trial to any ruptured person who writes him. He wants one person in each neighborhood to whom he may refer. If you have groin rupture and wish quick relief from your old truss torment with improvement and safe protection take advantage of his offer. Write him today.

Dollar Corn

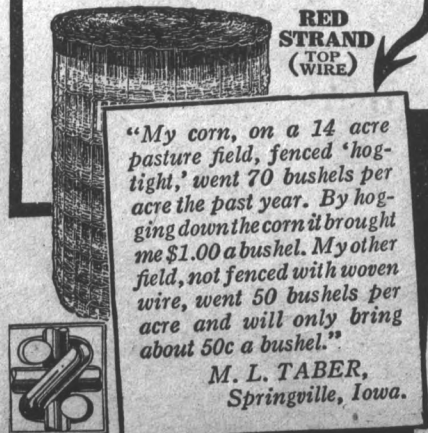
M. L. Taber, in his letter below, tells how he doubled his corn money with a "hog-tight" fence—proof that good fencing many times pays for itself the first year, with a good profit besides.

RED STRAND "Galvannealed" Fence

will help you, too, make more money out of your farm. Red Strand "Galvannealed" is the same reliable Square Deal Fence you have heard about or used for many years only it is now made of patented "Galvannealed" wire in place of galvanized. Same one-piece stay wires. Same wavy strand wires. Same can't-slip knot. Same full gauge and honest weight. Same everything, except heavier zinc coating and copper bearing steel. These two big features make Red Strand "Galvannealed" last years longer than old style fence at a cost no more per rod than any good standard fence.

Talk to our Square Deal dealer or write us for our new booklet, written by farmers, that tells how to make more money by better fencing. It is free. Send for it; also our fence testing folder and catalog.

KEYSTONE STEEL & WIRE CO.
4878 Industrial Street, Peoria, Illinois



"My corn, on a 14 acre pasture field, fenced 'hog-tight,' went 70 bushels per acre the past year. By hogging down the corn it brought me \$1.00 a bushel. My other field, not fenced with woven wire, went 50 bushels per acre and will only bring about 50c a bushel."

M. L. TABER,
Springville, Iowa.

WHEN WRITING TO ADVERTISERS PLEASE
MENTION THE BUSINESS FARMER.

VETERINARY DEPARTMENT

Edited by DR. GEO. H. CONN
(Questions gladly answered free for paid-up subscribers. You receive a personal letter.)

ABORTION

I would appreciate your advice in regards to a registered Jersey heifer I bought a few days ago. A bull got to this animal when about nine months old. She carried calf full time and was dried up. I had this animal bred a few days ago. Now it seems the herd where I got this animal has contagious abortion. Is there anything I can do in regards to a preventative or possibly a cure, in case this animal has got it? Do animals swell in stifle joints with this disease?—E. R. J., Tustin, Mich.

It is not likely that this heifer will now show any ill effects from her exposure to abortion if she has already carried one calf full time; there is nothing you can do but if you think there is danger why not sell her to the butcher now? There is no cure or preventative other than disinfection. Cattle do not swell at the stifle joints with this trouble.

RICKETS

I have some pigs which are four months old and they seem unable to stand right. They keep stepping from one foot to the other on the hind legs and then sit down. They are on a cement floor but where they sleep is lots of bedding, and where they eat is bare cement. I feed a mixture of cull beans, mangles and oat chop but have no milk for them. They seem to have flesh enough but the bones don't seem to develop right.—Readers, Filson, Michigan.

YOUR pigs have rickets; better get them off the cement as soon as possible. Then get tankage and with each 100 lbs. add 15 lbs. of steaming bone meal; give these hogs ½ lb. per day with other grains. Maybe it would be best to mix 25 lbs. of tankage and bone meal with 100 lbs. each of middlings and ground oats and then give each pig about 2 or 3 lbs. of this mixture twice each day for a few days. Then you can feed a little lighter of the mixture. Milk would be very good if you had it.

TOO MUCH COOKED FOOD

Would you please tell me what ails our police puppies? They are five months old have about ruined several little apple and peach trees by chewing them. They also will eat soft coal and charcoal from the ashes we throw out. I have given them worm medicine but have never seen any results. The hair on one is very rough and it seems to want to turn toward her head. I feed them cooked beans, boiled rice, johnnie cake, or mush, and some potatoes and other scraps when I have them. Have had meat for them until lately. I also feed lots of milk.—Mrs. G. H., Stockbridge, Michigan.

TOO much cooked foods for them; why not try them on dog biscuit for a while or get raw meat for them? They should have raw meat. Give them some lime water in milk. Get your druggist to make up a quart and give each dog a teaspoonful three times each day in a little fresh milk.

NEW LAMP BURNS 94% AIR

Beats Electric or Gas

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% air and 6% 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 to-day for full particulars. Also ask him to explain how you can get the agency, and without experience or money make \$250 to \$500 per month.—(Adv.)



It Costs You Nothing—
If Larro Does Not Satisfy

Go to your nearest dealer and get two bags (200 lbs.) of Larro Dairy Feed. Feed them to any one of your cows.

If Larro fails to produce more milk—or if for any other reason you are not satisfied—return the empty sacks and your dealer will give you back your money.

These are the terms of our famous two-bag guarantee. We could not back up our faith in Larro more strongly than this. There is no better proof that Larro gives satisfaction than the fact that this trial offer has been in effect continuously for fifteen years.

We know Larro cannot fail, because it has the quality and uniformity necessary to build the health and condition which insure high milk production and profit. Under a fair trial it must produce the best condition and the most milk of which any cow is capable.

Ask the Nearest Dealer

THE LARROWE MILLING COMPANY
DETROIT MICHIGAN



Larro

The SAFE Ration for Dairy Cows
Also a complete line of poultry feeds—as good for your chickens as our dairy feed is for your cows.

Feed two bags under our Guarantee

More Milk Or It Costs You Nothing

"Feed 200 pounds of Larro to any one cow; then if your own figures do not show that she gave more milk on Larro, or if for any other reason you are not entirely satisfied, return your two empty sacks and get every cent of your money back."

Dealers selling Larro are authorized to carry out the terms of this agreement.

BREEDERS DIRECTORY

Advertisements inserted under this heading for reputation, breeders of Live Stock at special low rates to encourage the growing of pure-breds on the farms of our readers. Our advertising rate is Thirty Cents (30c) per agate line per insertion. Fourteen agate lines to the column inch or \$4.20 per inch, less 2c, for cash if sent with order or paid on or before the 10th of month following date of insertion. SEND IN YOUR AD AND WE WILL PUT IT IN TYPE FREE, so you can see how many lines it will fill. Address all letters, BREEDERS DIRECTORY, MICHIGAN BUSINESS FARMER, MT. CLEMENS, MICH.

CLAIM YOUR SALE DATE

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

Nov. 23.—Guernseys—Jones & Alldredge, Cassopolis, Michigan.

MICHIGAN PURE-BRED LIVESTOCK AUCTIONEER. Write or wire for terms and dates. G. P. PHILLIPS, Bellevue, Michigan.

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HEREFORDS. OLDEST HERD IN THE U. S. Stock of all kinds for sale. Farmers prices. Our herd built International Winners. CRAPO FARMS, Swartz Creek, Michigan.

Hereford Steers

22 Wt. around 1100 lbs. 69 Wt. around 1000 lbs.
74 Wt. around 725 lbs. 81 Wt. around 825 lbs.
45 Wt. around 550 lbs. 50 Wt. around 500 lbs.
Good quality, dark reds, dehorned, well marked Hereford Steers. Good grass flesh. The beef type are usually market toppers when finished. Will sell your choice of one car load from any bunch. Can also show you Shorthorn steers, yearlings or 2 year old.
V. V. BALDWIN, Eldon, Washtenaw Co., Iowa.

JERSEYS

REG. JERSEYS, POBIS 99th OF H. F. AND Majesty breeding. Young stock for sale. Herd fully accredited by State and Federal Government. Write or visit for prices and description. GUY C. WILBUR, Belding, Mich.

GUERNSEYS

GUERNSEYS

FARMER'S PRICES FOR BULL CALVES Sired by most popular blood lines \$50.00 each. Write for circular. WOODLAND FARMS, Monroe, Mich.

FOR SALE—A FINE BUNCH OF 150 STEERS averaging around 650 lbs. All reds, roans and White Faces. Also a number Guernsey heifers. Write or call. HUGHSTON AND SCOTT, McBain, Michigan.

SHORTHORNS

Shorthorn Bulls, Milking Strain, Shropshire Lamb and yearling rams. For particulars and photo, write Joe Moriarty, Hudson, Michigan.

ABERDEEN ANGUS

FOR SALE—THREE YOUNG PURE BRED Angus cows, calves by side. Best of breeding, good individuals. Priced to sell. H. G. WELLS, North Adams, Michigan.

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BARGAIN IN REGISTERED SHROPSHIRE ewes. 25 good ones. Address, DAN BOONER, R4, Ewart, Michigan.

BREEDING EWES FOR SALE, SHROPSHIRE, Hampshire grades and cross breeds. All extra quality yearlings. 50 to car lot. V. B. FURNISS, Nashville, Michigan.

FOR SALE—Black Top Delaine Rams. FRANK ROHRBACHER, Laingsburg, Michigan.

FOR SALE: 1000 DELAINE BREEDING EWES. 500 yearlings and twos. Price right for quick sale. FRANK DODGE, Peoria, Ohio.

OXFORD DOWN RAMS AND A FEW AGED ewes for sale, prices right. ENOS PEACOCK, Bath, Michigan.

REGISTERED HAMPSHIRE YEARLING RAMS. call or write, Clark Hair Ranch. CHARLES POST, Mgr., West Branch, Michigan.

SWINE

BIG TYPE POLAND CHINAS WITH QUALITY, we have them. Write us your wants. E. A. CLARK, Breckenridge, Michigan.

FOR SALE—DUROC PIGS OF JULY and August farrow at \$10.00 each. Sows or Boars. Pedigree with each. Wisconsin Land and Lumber Co., Hermansville, Michigan.

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PURE BRED MAMMOTH BRONZE TURKEYS, Toms, \$8, hens \$6. May hatch. MRS EARL KALEY, R3, Edmore, Michigan.

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ADVERTISERS
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(EST. 1916—PATENTED)

ADMITS ULTRA-VIOLET RAYS

Brings Eggs All Winter

Now it is easy to get lots of eggs all winter. Just build this GLASS CLOTH scratch shed onto your poultry house to admit the vitalizing ultra-violet rays of the sun. (Plain glass stops them.) These rays bring amazing winter egg yields. The shed is cheap and easy to make. Gives twice the room. Allows hens to scratch and work up vitality. High winter egg prices repay its cost many times. Try it. It is a money maker.



RECOMMENDED BY EXPERTS

Tests by Scientists, Physicians and Experiment Stations prove GLASS CLOTH freely passes the healthful ultra-violet rays of the sun. Never use glass in poultry houses or hot beds. It stops these rays. Always use GLASS CLOTH.



MAKE YOUR HOME WINTER TIGHT

Simply tack GLASS CLOTH over your screens to make fine storm doors and windows. Admits abundant light. Brings comfort. Shuts out cold. Saves fuel and doctor bills. Ideal for enclosing porches and sleeping porches. Like adding new rooms at small cost.

2 Factories Give Quick Service

The tremendous demand for GLASS CLOTH has made it necessary for us to add another factory. For quick service address orders and correspondence to factory nearest you.

Turner Bros.

Dept. 413

Bladen, Nebr. Wellington, Ohio
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Accept No Imitations

Genuine, durable GLASS CLOTH is made only by Turner Bros., under exclusive patents. No other concern can copy our process. No other has the same weather-resisting formula. Avoid imitations. Real GLASS CLOTH is a strong fabric specially treated to make it transparent, waterproof and weatherproof. Originated in 1916 and proven by ten years success. You will know it by its quality. So much cheaper than glass it has won wide popularity all over the United States and Europe. Recommended by leading experts to make hens lay and for good results with baby chicks and with hot bed plants.

Chicks Thrive Under Glass Cloth

Never put baby chicks behind glass. It stops the sun's violet rays, causing rickets, leg weakness and death loss. In a test at Ames College 25 per cent of the chicks under plain glass died, while all under GLASS CLOTH lived and grew fast.

Ideal for Hot Beds

Plants started in hot beds covered with GLASS CLOTH are hardier, grow much faster and transplant better. Ultra-violet rays make plants develop fast. Head start brings crops to maturity weeks earlier. GLASS CLOTH sheds soft, warm light to all parts of the frame.

SPECIAL TRIAL OFFER

Send \$5.00 for big roll 45 ft. long and 36 in. wide, postpaid. (Will cover scratch shed 9x15 ft.) If, after ten days use, you do not find it better than glass or any substitute, return it and we will refund your money. Common sense instructions, "Feeding for Eggs," with each order. Catalog illustrating uses on request. (Many dealers sell Glass Cloth.)

Mail the COUPON!

TURNER BROS., Dept. 413

Bladen, Nebr., Wellington, Ohio

I enclose \$5.00 for which send me postpaid one roll of GLASS CLOTH as advertised. If not satisfied after 10 days use I may return it and you will refund my money.

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MICHIGAN FARM BUREAU POULTRY FEEDS

DEPENDABLE and ECONOMICAL

Michigan Chick Starter with Buttermilk
Michigan Growing Mash with Buttermilk
Michigan Laying Mash with Buttermilk
Make Chicks grow and hens lay

For sale by the local Co-op. or Farm Bureau agent. Insist on Michigan brand. Write for free Poultry feeding booklet. "Dept. D"

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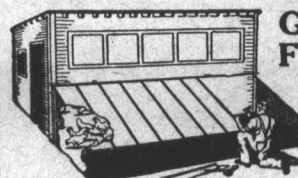
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CABLE PIANO CO., 1264 Library Ave., Detroit, Mich.

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GLASS FABRIC
SUN PARLORS
Passes Violet Rays

NOW you can easily make hens lay all winter by building a GLASS FABRIC scratch shed on to your poultry house and transmitting the violet rays of the sun at full strength. GLASS FABRIC praised and endorsed by colleges and poultrymen everywhere. Cheap and easy to use. Keeps hens safe—Keeps cold out—heat in. Gives poultry twice the scratching space, allowing hens to receive egg-producing vitamins, during winter months when prices are high. Pays for itself many times over. GLASS FABRIC makes ideal covering for storm doors or porches and is easily tacked over screen.

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No corners for crowding or suffocation of chicks; 15 heavy-ribbed glass lights, 14x20" each. Ample area for a 4 1/2 foot brooder—Any size, 500 chicks to 10,000—made of copper-content ROSSMETAL galvanized. Vermin and rat proof. Diameter 12 feet, height 6 1/2 feet—Combination ventilator and stove flue.

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ROSS CUTTER & SILO COMPANY
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Makers of the famous ROSSMETAL silos, cutters, corncribs, etc.

WHITE LEGHORN HENS AND MALES NOW half price. Thousands of laying Pullets. Big discount on spring Eggs. Trained, pedigreed foundation stock, egg bred 26 years. Winners at 18 egg contests. Catalog and special price bulletin free. I ship C. O. D. and guarantee satisfaction. George B. Ferris, 942 Union, Grand Rapids, Mich.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE BUSINESS FARMER

Poultry Department

(We invite you to contribute your experience in raising poultry to this department for the benefit of others. Also questions relative to poultry will be cheerfully answered by experts.)

ANOTHER EGG RECORD

DEAR Editor:—I have 224 S. C. White Leghorn pullets, Barron strain, hatched April 1, 1926. Started to lay July 26 and laid 17 eggs in July, 837 in August. In September up to and including the 26th they laid 2,400 eggs or 3,254 eggs in all since they started to lay. The pullets are only five months and twenty-six days old. I would be interested to know of a better record for pullets of above age. For the past fifteen days they have averaged over 100 eggs per day.—M. R. Ferguson, Cass County.

M. S. C. TO EXPERIMENT ON CORNLESS POULTRY RATION

THE fight against the European Corn Borer is not just in the front line trenches, it extends away back down the line. Now the Poultry Husbandry Department of the Michigan State College is making plans to carry on extensive experiments during this winter to determine substitutes for corn in the poultry ration, if there are any.

The experiments will be placed in charge of a graduate student. He will be given a flock of hens to feed and the eggs produced by these birds will be placed in incubators to study the effect of various feeds upon the hatchability of the eggs. In this respect the project will "kill two birds with one stone."

Prof. C. G. Card, head of the department, recently outlined this program to members of the Michigan Poultry Improvement Association who had suggested the College give some consideration to the relationship of poultry feeds to the hatch-

bility of eggs produced on different rations.

In the experiment hens of the same parentage, breeding, age and vigor will be used. Prof. Card proposes to divide the flock into pens, feeding one pen on a ration in which corn will be the basic element, while the other pens will receive limited quantities of corn or none. As far as possible the eggs will be taken directly from the laying houses to the incubators where the hatchability will be checked.

Accurate records will be kept on the cost of producing eggs by each ration. At the completion of the experiment Prof. Card hopes to have data by which other grains can be compared as substitutes for corn. The College proposes to start filling its incubators in December and will operate them through the winter as well as the spring months.

EGG PRODUCTION IN CONTEST SHOWS GAIN

HENS in the fourth international egg laying contest at the Michigan State College have been far more efficient than birds in any of the three previous contests, according to the records to date. They have produced over 20,000 eggs more than a year ago, 33,000 more than two years ago, and 34,000 more than three years ago. These production differences forecast record-breaking averages for the hens in the 1926 contest. The birds probably will finish with 20 to 30-egg higher averages than in the three previous contests.

Did you know that we have Noah to thank for preserving the livestock industry?

Washtenaw Club Boy State Champion

A COW which he purchased five years ago as a calf started Francis E. Farrell, a 19-year-old boy living near Dexter, on the road to fame. Because of his outstanding achievements as a member of a dairy calf club in Washtenaw county, Francis was declared by the Michigan State College of Agriculture the state's champion boy in dairy calf club work this year and the winner of the Blue Valley Creamery Institute's free to the 1926 National Dairy Exposition at Detroit.

That Francis has earned the greatest honor which can come to a farm boy or girl in Michigan is shown by the enviable record he has made during the past year as a member of the Webster Dairy Calf Club, which was started under his leadership two years ago. By keeping a careful record of all milk and butterfat produced and sold during the past five years this cow has been in milk and the sale of a part of his cow's progeny, he was provided with an income over feed cost of \$621 after deducting her original price. Francis is also an experienced showman and fitter. Two daughters of his cow both placed second in the club classes at the Washtenaw County Fair this year. A son of this cow also made

a good show record during the past season by placing fifth in a strong open class of fourteen bull calves at this same fair and second in the club class at the Michigan State Fair.

The proper care and feeding of the calf is the most essential in the development of a money-making dairy cow, Francis declares. Unless they are fed well to make them grow rapidly and unless they are of good type and breeding, dairy cows cannot be expected to produce milk economically. Francis feeds his calves three times a day in order to make them grow well. A grain ration of 8 pounds of ground oats and ground corn, equal parts, with two pounds of oil meal, together with all the alfalfa hay and dry beet pulp they will clean up thoroughly each day has given Francis splendid results. He also provides them with liberal quantities of fresh water. In order to insure the development of a strong digestive system in his calves, he does not permit his young animals to go on pasture until they are a year old for the reason that they are likely to scour while on grass and individual care cannot be given them when not in paddocks around the barn where they are readily accessible.



Michigan's 1926 champion in Dairy Calf Club work, Francis E. Farrell, of Dexter, with his cow.



Detroit's Newest Hotel

The Savoy

Every Convenience
and Comfort
At Moderate Rates

In the new Savoy, in Detroit, you are offered the very best of hotel accommodation at rates which will surprise and delight you because of their extreme reasonableness. Here, in the center of the city's business section, at this perfectly appointed modern hotel, the rates are only \$2.50, \$3.00 and \$3.50 per day, with suites and sample rooms from \$5.00 to \$12.00.

The food at the Savoy is agreed by all to be wonderful. In the main restaurant (known as the Bohemian Room) inviting club breakfasts and superb table d'hôte luncheons and dinners are served daily, with a la carte service also available at all hours. The 60-Chair Savoy Coffee Shop and the Food Shop afford supplementary services. Nightly dinner and supper dances are held in the Bohemian Room.

The Savoy contains 750 rooms all with baths and is situated just six short blocks north of Grand Circus Park, on Woodward Ave., at Adelaide St. Outstanding features of the hotel are the 20-Chair Barber Shop and the 18-Booth Salon—the Walled-In Garden Court—the International Suites (each decorated in the national style of some foreign country)—the Emergency Hospital—the Florist's Shop—the Humidor—and the Gift Shop.

Decide now to stop at the Savoy next time you are in Detroit and learn that to be our guest once is to be our friend for always.

A. B. Riley,
Managing Director



RADIO DEPARTMENT

By JAMES W. H. WEIR, R. E.
(Any question regarding radio will be gladly answered by our radio editor. You receive a personal letter and there is no charge if your subscription is paid up.)

The Business Farmer broadcasts daily, except Saturday and Sunday, through station WGHP, of Detroit, on a wave length of 270 meters.

6:40 to 6:50 Farm School
7:05.....Markets and News

CHANGE IN TIME OF BROADCASTING

WITH the introduction of our new feature, the radio farm school, we found that we would not be able to give our regular market reports and farm news with the radio farm school in the time allotted to us, beginning at 7:05 each evening, so the broadcasting schedule at WGHP has been rearranged some. Now the farm radio school is being broadcast from 6:40 to 6:50 each evening, and the time of the market reports and farm news remain the same, from 7:05 to 7:20.

RADIO TERMS

Audio frequency—Frequencies which may be perceived by the human ear. They usually lie between 20 and 20,000 vibrations per second.

Condenser—An electrical instrument consisting of two conductors separated by a non-conductor or insulator, and capable of storing electrical energy in electro-static form.

Filament—The electron-emitting electrode in a vacuum tube.

Grid—The electrode in a three element vacuum tube which is used to control the electron stream from the filament to the plate.

Heterodyne—V., to produce beats with an incoming C.W. signal by supplying a locally generated frequency. Adj., pertaining to a system of reception which depends upon beats between the receiving frequency and one locally generated.

CARBOLIC ACID IS WEED ERADICATOR

CRUDE carboic acid may be used to eradicate weeds. Squirt the strong acid from an oil can on the roots or crown of individual weeds. If it is sprayed, dilute it with 15 to 30 parts of water. Agitate the mixture frequently.

BROADSCOPE FARM NEWS AND VIEWS

(Continued from page 8)

contents that farmers should plan to save more of their crops. Particularly he mentions that often there is considerable growth left on some pasture land and meadows, which, if cut and made into hay would furnish some feed; when if left on the fields it is wasted. Seems to think this loss is serious. He is wrong. The trouble is, we don't leave enough growth on our meadows and pastured land during the winter. The more growth the better. Often it is false economy to cut this late growth. It generally makes poor hay, and it has been proven this late pasture is not as valuable as pasture early in the season. This growth, when left on the field causes the pasture to be earlier and more abundant.

A pasture field which goes into the winter with no growth whatever on it, will make a poor pasture the next year.

Cement

One of our neighbors has a barn yard all under cover. It contains a place for 20 acres of straw, water tanks, manure piles, etc., and what a blessing it is during such a rainy time. During the winter his cows can have a place in which to exercise and are not exposed to the wintery weather.

Such a covered yard would cost considerable to build, but I believe it would be worth all it cost and then some, and, if satisfaction is worth anything, it would pay for itself in about a week right now.

CANCER—FREE BOOK SENT ON REQUEST

Tells cause of cancer and what to do for pain, bleeding, odor, etc. Write for it today, mentioning this paper. Address Indianapolis Cancer Hospital, Indianapolis, Ind.—(Adv.)

PAN-A-CE-A

Starts pullets and moulted hens to laying

MOULTING is the off season for eggs. Even with the best of care, laying stops, egg organs are inactive. All nourishment goes to feather growing. That's natural.

But after the moult, it's different. Now's the time to tone up those dormant egg organs—start the feed the egg way.

That's just what Dr. Hess Poultry Pan-a-ce-a does.

Add it to the ration, one pound of Pan-a-ce-a to every 50 pounds of mash. Then look for these signs:

See the combs and wattles begin to turn red.

See them begin to hop around—the claws begin to dig in.

Listen for the song, scratch and cackle.

—Then eggs!

It's the nerve tonics that cause the good feeling. It's the iron that makes the red combs.

Pan-a-ce-a contains other elements. For instance, it supplies important minerals, calcium carbonate and calcium phosphate, so essential to a laying hen.

Pan-a-ce-a develops pullets and puts them in the pink of condition for regular fall and winter laying.

The cost is only a trifle

The price of just one egg pays for all the Pan-a-ce-a a hen will need for six months. But under our make-good selling plan, it costs you absolutely nothing if you do not find it profitable. You have only to take the empty container back to the dealer and he will refund your money or cancel the charge. We reimburse the dealer.

Tell your dealer how many hens you have. There's a right-size package for every flock.

100 hens, the 12-lb. pkg.	200 hens, the 25-lb. pail
60 hens, the 5-lb. pkg.	500 hens, the 100-lb. drum

For fewer hens, there is a smaller package.

Dr. Hess & Clark, Inc., Ashland, Ohio

TELL us what papers or magazines you want to subscribe for, and perhaps we can save you some money. Michigan Business Farmer, Mt. Clemens, Mich.



The Solvay-limed farm is the successful farm!

The farmer spreading Solvay Pulverized Limestone is bound to be successful because he is sure of sweet soil, productive soil. That means bumper crops—large profits.

Spread Solvay this year—sweeten sour soil, release plant food and you'll have fertile, productive fields. Solvay gives you more, dollar for dollar, than any other lime you can buy. High test, furnace dried, finely ground, safe to handle—will not burn. In easy to handle 100-lb. bags and in bulk.

Write for the Solvay Lime Book—free.

THE SOLVAY PROCESS COMPANY
Detroit, Mich.



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LOCAL DEALERS



MARKET FLASHES



Stockmen Rushing Cattle to Market

Heavy Receipts Cause Many Price Declines

By W. W. FOOTE, Market Editor.

IN its recent announcement of a general farm price level of 134 per cent on the basis of pre-war prices for the last of September, the Department of Agriculture says that lower farm prices of practically all farm crops from August 15 to September 15 were offset by increases in meat animals, dairy and poultry products. Farmers who stick to meat animals, dairy and poultry products usually have no regrets after following such a course for a long period.

Narrow Wheat Market

Getting prices for the new wheat crop placed on a permanently higher level has been a difficult task for the bulls on the Chicago Board of Trade ever since farmers started to sell, and after fair upturns take place, placing prices about where they stood at this time last year, they are pretty sure to go lower on active selling by the speculators. Turning backward about two years, it is recalled that at that period wheat for December delivery was selling around \$1.52, which was called a very good price, while a year ago it sold for \$1.43. Of course, the good increase in the crop over last year is a bearish factor in making quotations, and lack of ocean tonnage and prohibitory rates of freight stand in the way of exports of breadstuffs from the United States and Canada. There is a fair domestic consumption of wheat going on, but stocks have accumulated until the visible supply in this country is up to 74,834,000 bushels, comparing with 49,878,000 bushels a year ago. Exports of wheat and flour from this country from July 1 to October 9 aggregate 96,340,000 bushels as given by the department of commerce. This is nearly one-half of the estimated exportable surplus.

Farmers Selling Old Corn

May corn sold in the Chicago market recently at the lowest price of the season, but was still higher than a year ago, but a little more than two years ago December corn was selling at \$1.14. Despite the reported short and damaged crop, the farmers have much old corn on hand, and they have marketed it so freely that the visible supply in the United States a short time ago aggregated 17,074,000 bushels, comparing with only 3,897,000 bushels a year earlier. Rye prices are as much as 18 cents higher than a year ago, owing to the short crop, and oats are several cents higher than at that time, with much damaged wet oats, and No. 2 white oats selling at a good premium.

Watch the Pigs

The warnings issued by the federal government to farmers to beware of hog cholera were timely, for many outbreaks had been reported in various quarters, and it was important to be on the watch constantly. This is the season of the year when hog cholera is especially prevalent, and recent outbreaks were chiefly in the central west. Shortly before the federal warning President Brown of the Chicago Live Stock Exchange sent out a report in which he stated that it looked as though the hog crop would be cut 10 to 15 per cent because of the failure to vaccinate, although it costs on the farm only about 50 cents for each pig. Vaccination when the pigs are shipped from the terminal market costs around \$1 and is compulsory. Cheap corn and high-priced hogs have furnished the farmers good profits, and every precaution should be used to keep the pigs healthy. Most of the big packing sows have been marketed, and in all probability young hogs will continue to be held longer than formerly, the greatest farm profits coming from hogs. The hog shortage means high prices, and despite high prices the consumption of fresh and cured hog products is very large all the time. In fact, much of the time the receipts of hogs are not greatly in excess of the daily fresh meat requirements.

For many weeks stockmen have

been hurrying their grazed and fed cattle to market, and enormous Monday Chicago receipts and sharp declines in prices for most descriptions have been the rule. During a recent week there was such a slump in prices because of rarely equalled supplies that stockmen cut down their marketings to an extent sufficient to bring about good rallies in prices, although western range cattlemen continued to ship in large supplies because of prospective fall storms. Cattle have been fed extensively this year, resulting much of the time in poor returns, and the year's receipts in western packing

and three years ago at \$6 to \$7.75. For the year to late date the combined receipts in seven western packing points foot up only \$17,352,000 hogs, comparing with 20,039,000 a year ago and 23,707,000 two years ago. Recent Chicago receipts averaged 249 pounds, the lightest weight since April, and only two pounds heavier than a year ago. Two years ago they averaged 237 pounds.

WHEAT

The Detroit wheat market was dull on the closing day of last week but previous to that it was fairly steady. Weather is having a lot to do with the trend of the market at present as much of the grain in Argentina and Canada is in a position where early snow would cause serious loss. Some are inclined to feel that this damage would have to be

M. B. F. MARKET REPORTS BY RADIO

EVERY evening, except Saturday and Sunday, at 7:05 o'clock, eastern standard time, The Michigan Business Farmer broadcasts market information and news of interest to farmers through radio station WGHP of Detroit. This station operates on a wave length of 270 meters.

points have ran much ahead of last year. One result of the year's experience is seen in the demand for better grades of stockers and feeders to ship to feeding districts. For the year to late date the combined receipts of cattle in seven western packing points amount to 8,792,000 head, comparing with 8,473,000 a year ago. Recent sales were made in the Chicago market of beef steers at \$7.75 to \$8.75 for common light weights up to \$11.50 to \$12.50 for the better class of yearlings, the best long-fed heavy cattle going for \$11 to \$12, and the bulk of the steers at \$9.50 to \$11.50. A year ago steers sold at \$17 to \$16 and 15 years ago at \$4.40 to \$9.15. For stockers and feeders country buyers are paying \$5 to \$8, mainly \$6.50 to \$7.75, with stock and feeder cows and heifers at \$4.50 to \$6.25. Active buying a short time ago of this class of thin cattle put them up 35 to 40 cents.

High Prices For Hogs

Prices fluctuate a good deal, especially for the less desirable lots, but the Chicago market continues far higher than in most former years, due to the great shortage in all hog districts, the late top being \$14 for heavy packing lots and sales as low as \$9.75 for poor hogs. A year ago hogs were selling at \$9.10 to \$11.35,

pretty severe to cause any change in prices, others hold the opposite opinion.

The crop report for the state, dated Oct. 12, gives an estimate of 32,000 bushels produced this year compared with 90,000 last year. On October 1st it was believed that about 36 per cent of Michigan's 1926 crop had left the hands of the farmer.

CORN

In spite of the many reports that there will be lots of soft corn this fall there seems to be little demand developing for the good quality corn. Early frost got some corn but most of it reached maturity we are informed. Silo filling has been delayed very much this fall because of rains. Michigan's 1926 crop is estimated at 51,868,000 bushels, or about 14,000,000 less than one year ago.

OATS

Oats were damaged somewhat by rain this year, which left them discolored, also they are light in weight. The yield averaged 33 bushels to the acre, and the total 1926 crop for this state is estimated by the officials as 56,001,000 bushels. Demand is fair with prices firm.

RYE

Rye seems to be holding its own pretty well in comparison with other grains.

BEANS

Wet weather sent bean prices shooting upward but last week they were down some again. Many fields have been abandoned as not worth the trouble of harvesting and the present estimate is a million bushels under the one of a month ago, which was 6,100,000 bushels. The total bean crop for the country is estimated at 16,970,000 bushels compared with 19,100,000 in 1925.

POTATOES

We have many reports that potatoes in several sections will be small and some fields are not ripening, but on the whole we are expected to have a crop of the finest quality in many years. Yields per acre are averaging about the same taking the state as a whole, with the estimated production set at 27,888,000 bushels compared with 24,411,000 a year ago.

DETROIT LIVE POULTRY

Springers, fancy, heavy Rocks, 3½ lbs. and up, 27c; Reds 24c; medium and white, 22@23c; large Leghorns, 20@21c; small, 18@19c; extra large hens, 5 lbs. up, 29c; medium hens, 27@28c; Leghorns and small, 19c; stags, 18c; large white ducks, 24@25c; small colored ducks, 21@23c per lb.

LIVE STOCK MARKETS

DETROIT, Oct. 19.—Cattle—Trading slow but the market about steady. Good milkers and springers, while holding steady, were slower than usual. At the close prices averaged: Good to choice yearlings, dry, \$10@11.50; best heavy steers, dry, \$9.50@10; best handy weight butcher steers, \$8@8.50; mixed steers and heifers, \$6.50@7; handy light butchers, \$6@6.75; light butchers, \$5@5.75; best cows, \$5.25@6.00; butcher cows, \$4.50@5; cutters, \$3.25@4.25; canners, \$3@3.75; choice light bulls, \$6@6.50; bologna bulls, \$5.50@6.50; stock bulls, \$5@5.25; feeders, \$6@7; stockers, \$5.50@6.75; milkers and springers, \$55@90.

Veal Calves: Best grades, \$17; fair to good, \$13@16.50; culls and common, \$7.50@13; grassers, \$5.50@7.50.

Sheep: With fair supply of sheep and lambs offering the trade was active and full steady with last week's close as follows: Best lambs, \$14@14.25; fair lambs, \$12@12.50; light to common lambs, \$10@10.75; buck lambs, \$8@13.25; fair to good sheep, \$6@6.75; culls and common, \$2@4.

Hogs: Hogs sold much earlier than usual, the market being steady on the mixed. Heavies, yorkers and roughs were 10 cents higher and pigs 25 cents lower than at the close last week as follows: Mixed hogs, \$14; heavy yorkers, \$14; pigs, \$12.50; lights, \$13.25; heavy hogs, \$12.50@13.50; stags, \$8.50; roughs, \$11.



Week of October 24

RAINS and warm weather will be general in most counties of Michigan at the beginning of the week of October 24th but about Monday we expect clearing weather.

While there is a probability the temperature will fall about this latter day, we believe conditions will not be strong enough to break up the warm weather until about the middle of the week. If our judgment proves true there will be cloudy weather during Tuesday and Wednesday. By this latter date the temperature will have fallen considerably below normal.

A reaction in the temperature will occur about Thursday or Friday when readings will become more seasonal and then follow storms wind, light rain and probable lightning. The week ends with clearing skies.

Week of October 31

A renewal of wind and rain storms will occur in Michigan about Monday or Tuesday. Partly cloudy to fair weather will effect the middle part of the week with temperatures running close to seasonal or a little above.

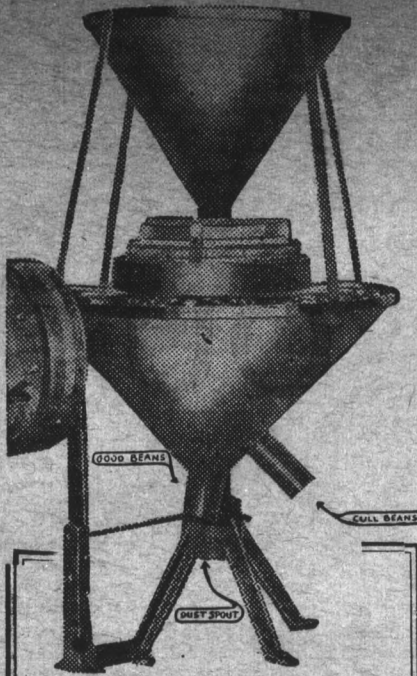
By Thursday the weather will be rather warm but during the balance of the week conditions will reverse

THE BUSINESS FARMER'S MARKET SUMMARY

and Comparison with Markets Two Weeks Ago and One Year Ago

	Detroit Oct. 19	Chicago Oct. 19	Detroit Oct. 5	Detroit 1 yr. ago
WHEAT—				
No. 2 Red	\$1.41	\$1.41½	\$1.36	\$1.68
No. 2 White	1.42		1.37	1.69
No. 2 Mixed	1.40		1.35	1.68
CORN—				
No. 2 Yellow	.84	.77@.78	.86	.88
No. 3 Yellow	.82		.84	.87
OATS—(New)				
No. 2 White	.50	.45¼@.47	.49	.44½
No. 3 White	.48	.42¼@.45¼	.47	.42½
RYE—				
Cash No. 2	.99		.97	.87
BEANS—				
C. H. P. Cwt.	4.80		5.00	4.55
POTATOES—				
(New) Per Cwt	2.82@3.17	1.75@2.80	2.66@3.00	2.20@2.23
HAY—				
No. 1 Tim.	19@20.50	24@25	19@20.50	23.50@24
No. 2 Tim.	16@17.50	21@22	16@17.50	21@23
No. 1 Clover	16@17.50	22@24	16@17.50	18@19
Light Mixed	18@19.50	22@24	18@19.50	23@23.50

Tuesday, October 19.—Wheat and rye strong. Corn and oats unchanged. Bean market inactive. Potatoes firm. Butter and eggs show no change.



Damaged Beans

In Any Condition Can be Picked and Polished with This Machine

Makes your beans as good as if harvested under ideal conditions.

Let us refer you to some of the five hundred satisfied Michigan users or send one of our several dealers to demonstrate on your own beans. Federal inspectors will certify to the grade of your sample. Address

Michigbean Growers Exchange
East Fort & Brush Streets
Detroit, Michigan.

Colds

Do the utmost—tonight

A cold calls for quick help. Stop it at once. Open the bowels, check the fever, tone the system.

HILL'S is the best way known. It is so efficient that we paid \$1,000,000 for it. Millions now employ it. It stops the cold in 24 hours, then does all else you need. Take it today, and tomorrow you will have that cold in hand. Don't rely on any help less complete, less effective.

Be Sure It's **HILL'S** Price 30c
CASCARA QUININE
Get Red Box **BROWNE** with Portrait

Demand for Veal is Good

SHIP YOUR

DRESSED CALVES and LIVE POULTRY to Detroit Beef Co.

1903 Adelaide St., Detroit, Mich.

Oldest and most reliable commission house in Detroit.

Tags and quotations and new shippers guide, free on application.

BUSINESS FARMERS EXCHANGE

POULTRY

BARRED ROCK COCKERELS BRED FROM high producing trap nested females. W. C. Coffman, R3, Benton Harbor, Michigan.

LEGHORN PULLETS SOON READY TO LAY \$1.50 very choice. Associated Poultry Farm, Hudson, Illinois.

MISCELLANEOUS

EARN \$110 TO \$250 MONTHLY EXPENSES paid as Railway Traffic Inspector. We secure position for you after completion of a 3 month's home study course or money refunded. Excellent opportunities. Write for Free Booklet G-165 Stand. Business Training Inst. Buffalo, N. Y.

CHOICE EXTRACTED HONEY, 5 LB. PAIL \$1.00. Postpaid. Homer Buzzard, Fenton, Michigan.

ALL WOOL YARN FOR SALE BY MANUFACTURER at bargain. Samples free. H. A. Bartlett, Harmony, Maine.

almost completely. At this time storms of rain, snow and high winds are to be expected and as the week draws to a close temperatures will fall decidedly to very low readings.

November Dry and Cool

Both temperatures and precipitation will average less than the seasonal normals during the month of November in Michigan. We are expecting a large percentage of sunshine for most counties.

MICHIGAN CATTLE WIN AT NATIONAL DAIRY SHOW

(Continued from page 3)

dairy herd ledger; Effect of well cured and poorly cured hay on milking cows; Efficiency in milk-plant equipment and operation; Utilization of dairy by-products; Cooperative marketing in the dairy industry; Market news on the dairy situation; Standardization of dairy products; Production and uses of milk; and world trade in dairy products.

M. S. C. Has Exhibit

Several exhibits were staged in the Coliseum with the Michigan State College taking up one corner and the U. S. Department of Agriculture another. The M. S. C. gave considerable space to a most instructive exhibit relative to the value of alfalfa in connection with dairying. The work of the European corn borer was shown, and the agricultural engineering department of the college had miniature models of the lime spreader attachment and the marl excavator they designed.

Boys' and Girls' Club Work was the subject of the exhibit by the department of agriculture and life-sized models were used. "Acres of Diamonds found in Club Work" was the title of the display.

Twice daily a three-act rural drama, "Joe Guess," was staged by the U. S. Department of Agriculture in another corner of the Coliseum. It was a lecture on good dairying in play form and left in the minds of the audience the following facts: 1. Raise all the feed you can; 2. Buy the milk making material that your own feed lacks; 3. Keep records of feed used and milk produced; 4. Feed each cow according to production; 5. Let the records tell you which cows to keep.

Cattle demonstration by national experts were held in this corner between shows, with the champion cattle of the different breeds being used in the demonstrations.

Associations Meet

Annual meetings of the various national associations were held almost daily during the show, the Holstein-Friesian breeders getting together Wednesday, October 6th, the Jersey breeders Thursday, Ayrshire breeders Monday, and Guernsey men Tuesday. The American Dairy Science Association began its meeting on Friday continuing it over into the following day. They held a banquet Friday evening.

County agricultural agents from all over the country met on Friday, and that evening they were banqueted at the Dearborn Country Club.

The national Holstein sale was held on Friday, and the grade cattle of the many breeds were sold later. Grades sold from \$30.00 to \$200.00 and most of them were bought by farmers in this state.

The National Dairy Exposition for 1926 has passed on but the knowledge gained from it will live with us forever.

SAVE MONEY

Fence For Less Than 2 cts.

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Before you buy any Fencing, Gates, Steel Posts, Barb Wire, Roofing or Paints, get my Big New Catalog and see the money you can save. Direct-From-Factory-Freight Paid plan of dealing will save you. Over One Million satisfied customers.

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FISTULA-HORSES CURED, \$5. SEND NO money until cured. Coan Chemical Co., Barnes, Kansas.

BARREL LOTS SLIGHTLY DAMAGED CROCKERY, Hotel Chinaware, Cookware, Glassware, etc. Shipped direct from Factory to Consumer. Write for particulars. E. Swasey and Company, Portland, Maine.

ALL SET!

FIFTH STATE SALE

MICHIGAN HOLSTEIN-FRIESIAN ASSOCIATION

WEDNESDAY, NOV. 10, 1926

To be held Michigan State College, East Lansing, Michigan

53--QUALITY HOLSTEINS--53

1. Type. Not an inferior animal in the bunch.
2. "Fresh or due soon." 6 fresh in October, 17 due in November, 14 due in December, 5 due in January.
3. Young. Females, 2-8 years old.
4. Records. 15 have C. T. A. records. 8 out of good C. T. A. dams. Good 7 day records up to over 33-lbs.
5. Healthy. Regular breeders. From herds clean of T. B. Most herds in Modified Accredited areas.
6. Nine good bulls. Ready now or soon for service.

Write for preliminary catalog to—

J. G. HAYS, Sale Mgr., - **East Lansing, Michigan**

Sale starts 12 noon Eastern Standard time.

CONSIGNMENT SALE OF REGISTERED HOLSTEIN CATTLE AT THE KALAMAZOO FAIR GROUNDS KALAMAZOO, MICHIGAN

THURSDAY, NOVEMBER 4th, 1926.

The West Michigan Holstein Breeders will hold a Consignment Sale of High Class Holstein cattle at the Cattle Sheds on the Kalamazoo Fair Grounds. Sale to begin promptly at twelve o'clock Standard Time, on Thursday, November 4th, 1926. Remember the time and place.

Included in this sale will be a seven-months old bull whose dam is a 30-pound cow and has a semi-official record of over 22,000 pounds of milk and 980 pounds of butter in 365 days. This unusually high producing cow and her yearling daughter will be sold in this sale.

A nine-months bull calf will be sold in this sale whose dam is a 31.15 pound cow, and whose dam and sire's dam average 18395 pounds of milk with an average test of 3.55%, and an average butter production of 804.3 pounds in 365 days.

A 31-pound cow soon due to freshen will be sold. Other desirable offerings are:—

A 26.81 lb. Junior 3-year old.

A 21 lb. 2-year old.

Several other A. R. O. cows, with good 7-day records.

A cow with a 2-year old Cow Testing Association record of 12666 lbs. milk and 498.8 lbs. butter.

A cow with a 2-year old Cow Testing Association record of 10,901.2 lbs. milk and 445.4 lbs. butter.

A cow with a Cow Testing Association record of 12,421 lbs. milk and 495.2 lbs. butter.

A number of other cows with good Cow Testing Association records that will be fresh or nearly ready to freshen at time of sale.

This sale offers an excellent opportunity to buy two very high class young herd sires, backed with exceptionally high production for both 7-day and 365 day periods.

Nearly all of the cows offered in this sale will be fresh at time of sale, or will be due to freshen within from thirty to sixty days from time of sale.

All cattle going into this sale have been carefully tuberculin tested.

If interested, write for sale catalog.

COL. O. M. HESS, Auctioneer
Akron, Ohio

W. R. HARPER, Sale Manager,
Middletown, Michigan.

SEEDS AND PLANTS

HAY & GRAIN WANTED. ALFALFA HAY, Clover, Mixed Hay, Clover Hay, Buckwheat. Pay highest market prices. The Hamilton Co., New Castle, Pa.

FOR SATISFACTION INSURANCE BUY SEED oats, beans, of A. B. Cook, Owosso, Michigan.

HELP WANTED

LET US HELP YOU MAKE \$200 TO \$400 A month. Wanted: Ambitious men to run a business on our capital. Over 500 every day necessities, known everywhere—used by millions for 43 years. Recognized the best. In big demand—easy to sell—good repeaters—we guarantee satisfaction. Double your profits under our new selling plan. Experience not necessary. Write Dept. 68, John Sexton & Co., Box H. H., Chicago.

SALESMEN ATTENTION: MANY OF OUR salesmen are receiving weekly commission checks from \$50.00 to \$125.00 selling our high grade Nursery Stock. We still have room for a number of real salesmen in Michigan territory. If you are a hustler and interested in developing a paying business, write at once for our "heral proposition." The Monroe Nursery, Monroe, Michigan, Dept. G.

TOBACCO

HOMESPUN TOBACCO: CHEWING. FIVE pounds \$1.50; ten \$2.50. Smoking ten \$1.50. Pay when received. Satisfaction guaranteed. United Farmers, Bardwell, Kentucky.

HOMESPUN CHEWING AND SMOKING tobacco: five lbs \$1.25; ten \$2.00; cigars 50 for \$2.00; pipe free, pay when received. Farmers Association, Maxons Mills, Ky.

FARMS

168 ACRE FARM FOR SALE. IN PEPPER-mint county. Fair buildings. Near railroad and village. Price \$15,000. \$5,000 down, balance 5% amortization plan for 33 years. William Baum, Au Gres, Michigan.

FOR SALE—160 ACRES IN FRUIT AND resort district. Beautiful lakes, hunting, fishing, trapping, game. One mile to town. Particulars, Box 169, Dexter, Michigan.

FARMS ALL SIZES. STORE. EASY TERMS. C. Witmer, Crewe, Va.

INVESTIGATE SOUTH GEORGIA FARMS. Write for book on opportunities. Truck, Corn, Fruit, Hogs, Cattle, Dairying. Chamber of Commerce, Thomasville, Ga.

PET STOCK

HUNDRED HUNTING HOUNDS CHEAP. GAMM getters. Fur finders, money makers. Big money raising hunting hounds. Hunting Horns, Feeds, Medicines, collars, etc. Hunters Supply Catalogue. Kaskaskia Kennels, FW69, Herrick, Ill.

COON, SKUNK AND RABBIT HOUNDS OF ALL breeds and ages. Oliver Dix, Salem, Mich.

WANTED PONY—YOUNG MARE PREFERRED. A. B. Catron, Cadillac, Michigan.

EGG YIELD GUARANTEED TO DOUBLE IN A WEEK

Many things have been advertised to make hens lay, but W. B. Mack, the widely known poultry advisor, is the first to ever offer a premium for hens that won't lay satisfactorily after using his simple system.

Mr. Mack, whose advice has been followed successfully by thousands, recently made the following statement: "I believe that any poultry raiser can double or triple his egg yield within one week by following my simple system and adding certain elements to the feed or water. In fact I am so sure of it you can tell the public I will send full instructions and a package of ingredients, usually sufficient to get at least 600 eggs, to anyone who will write me."

Poultry raisers who want many times more eggs need not send any money but merely name and address to Dept. 829, the Mack Company, 206 New England building, Kansas City, Mo. Full instructions and package of ingredients will be sent by return collect on delivery mail for only \$1 and postage. If at the end of one week you are not getting at least twice as many eggs, or if not satisfied for any reason, Mr. Mack will not only return the purchase price on request, but will also pay you an extra quarter for your trouble. Mr. Mack is absolutely reliable, and his sincerity is proved by his offer to actually pay a premium to anyone who is not more than satisfied.

Farm Wives—

The Separator for YOU
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Most Easily Washed

Here it is

The Imported Belgian Melotte is the ONE separator with the porcelain-lined bowl chamber. And the ONE separator with the single bearing, suspended *self-balancing* bowl. *Has no equal!*



Don't Pay
for
4
months

The Imported Belgian **MELOTTE**

Farm wives like this clean, sanitary, easy-to-wash Melotte Bowl. Its snowy-white porcelain-lined bowl chamber is so easy to clean and always looks so nice and clean. No hard, mean corners. No tinware around the bowl to scour. You can clean the Melotte in half the time other separators require. You will actually like to wash the Melotte.

Another thing! This sanitary, easy-to-clean Melotte Bowl is *Self-Balancing*. It automatically self-balances itself all the time. Neither wear nor usage can ever throw it out of balance. In 30 years NO Melotte Bowl has ever had to be re-balanced. *That's why* the Melotte skims as clean after 5, 10 and even 30 years as when new. You'll actually be amazed at the amount of cream this wonderful separator will get from your milk, every day, year in and year out.

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Write for Free Melotte Catalog today! Learn how we will ship you an Imported Belgian Melotte cream separator direct to your farm. You don't pay us one cent for 4 months. You may have a 30 days FREE TRIAL. Use it as if it were your own. Keep it or return it at our expense. Think of that! Mail coupon NOW and learn all about this wonderful Melotte Separator and our amazing Don't-Pay-for-4-Months Offer.



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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, its sanitary porcelain lined bowl chamber and your offer of "Don't Pay for 4 Months."

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