

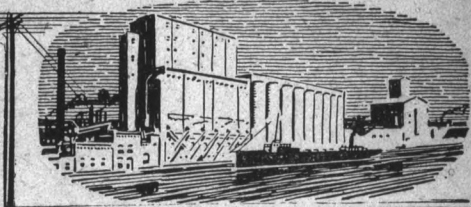
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The Michigan BUSINESS FARMER



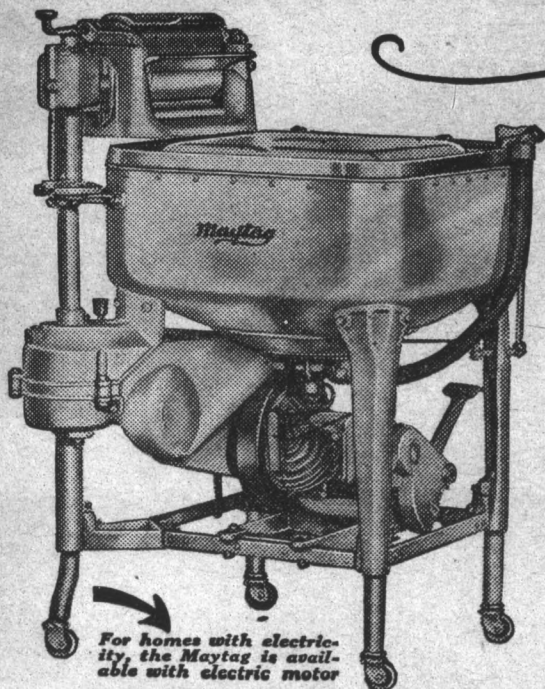
*An Independent
Farm Magazine Owned and
Edited in Michigan*



"WHY CAN'T WE HAVE THANKSGIVIN' OFTENER?"

In this issue: "4,000 Farmers Take Part in Top O'Michigan Show" — "International Live Stock Exposition Offers Many Attractions" — Other Feature Articles — "Thru Our Home Folks' Kodaks" — "Farmers Service Bureau" — "Publisher's Desk" — and Other Features

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See a New Maytag—the only washer with a roomy, lifetime, cast-aluminum tub; that does a big washing in an hour or two without hand-rubbing anything.



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IF IT DOESN'T SELL ITSELF, DON'T KEEP IT

THE ONLY
FARM MAGAZINE
OWNED AND
EDITED IN
MICHIGAN

Published Bi-Weekly at
Mt. Clemens, Michigan

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

The Michigan BUSINESS FARMER

SATURDAY, NOVEMBER 19, 1927

GEORGE M. SLOCUM
Publisher

MILON GRINNELL
Editor

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Mayville Potato Show Is Declared Big Success

There Were 175 Entries Compared with Less Than 100 One Year Ago

By ERNEST J. WHEELER

Extension Specialist in Farm Crops, Michigan State College

THE Third Annual Thumb of Michigan Potato Show, which was held at Mayville, November 8, 9 and 10 created considerable interest both to the growers that exhibited potatoes, and the growers that attended.

Producers in Huron, Sanilac, Tuscola, Bay, Saginaw, Genesee, Lapeer and St. Clair contributed to the success of the show. The entries were limited to the above named counties with the exception of the certified seed class, which was open to any certified seed potato grower of the State.

The quality of the show will compare with other shows in the State. Interest was shown by the Thumb potato growers as indicated by the fact that there were 175 entries as compared to a few under 100 last year. The exhibits were of good quality due to the unusual care in selection and the dry weather during the summer which kept down the size, thus increasing the quality.

Educational Features

Michigan State College contributed to the show by having exhibits that demonstrated the difference between good and poor seed, also the use of the proper and right amounts of fertilizer. The State Department of Agriculture exhibit featured the proper grading of potatoes which will be a great help to the farmer. Knowledge learned from the exhibit no doubt will aid in assuring the potatoes from the Thumb section to comply with the standard grades of potatoes.

Tuesday afternoon started the potato show program. The program included some interesting talks by extension specialists from the College, and a representative from the State Department of Agriculture. Facts were brought out to aid the grower in proper culture practices, such as planting of better seed, applying commercial fertilizer and other ways to improve the quality of the potato.

Speakers at Banquet

Commissioner Powell of the State Department of Agriculture made several remarks at a banquet Wednesday noon. At the conclusion of his talk Mr. Powell presented the secretary of the potato show with a check to help defray the expenses of the show.

Mr. A. C. Carton, director of the Bureau of Agricultural Industry, State Department of Agriculture,

gave an address pointing out the benefits that would come by moving the ocean 2,000 miles inland. Mr. Carton was in favor of the deep waterway. His arguments were that lower shipping rates would lower shipping costs thus opening the middle west to the world markets. Also the waterway would greatly assist Michigan in her already developing industrial and agricultural pursuits.

H. C. Moore, potato specialist, Michigan State College, and chief of potato inspection, also president of the National Potato Association of America, in his address, "The Potato Situation" gave reasons why the Thumb of Michigan is rapidly becoming a potato producing section. Wayne and Oakland counties have been large potato producing counties but owing to the rapidity of the sub-dividing of the land in these counties the potato section is being moved out into the Thumb of Michigan. The soil and climate is favorable for potatoes, also the market is at the door, were the reasons given for the growing interest in potato production in the Thumb district.

Wednesday evening a reel of film

was shown on "The How and Why of Spuds" to a good number of farmers. Many growers remained for discussions led by Mr. McCrary, potato specialist, and Mr. Sims, soils specialist of Michigan State College. Many problems were discussed that pertained to growing of better potatoes in the Thumb section.

Prize Winners

Honors of the show were shared by M. C. Mount, of Mayville, who won the sweepstakes on late potatoes with his exhibit of Russet Rural certified seed potatoes, and John Lynch of Mayville who captured sweepstakes on early potatoes with his exhibit of Triumphs which were grown from seed obtained from Montana.

Russet Rural open class was won by John Valentine of Fostoria; Morris Mount of Mayville was second, and Stanley Stokes of Mayville was third.

White Rurals class was won by George Maston of Mayville; F. A. Mertz of Caro was second, and B. C. Monroe of Mayville was third.

Green Mountain class was won by James E. Green of Kingston; D. A.

Giddes of Saginaw was second and D. R. Giddes of Saginaw was third.

Russet Burbank class was won by Mrs. Bertha Horton of Millington; Lloyd McPherson of Millington was second, and Ellen Breinegar of Millington was third.

In the early varieties the Irish Cobbler class was won by S. Wells of Caro. Charles Kapitan of Freeland won the Early Ohio class, and John Lynch of Mayville won the Any Other Variety of Merit class.

The Certified Seed class which was open to any grower of certified seed residing in Michigan was won by M. C. Mount of Mayville; Chas. Herron of Alpena was second, and Lee Fowler of Fostoria was third.

M. C. Mount exhibited the best potato at the show and won first prize.

Grading Contest

The State Department of Agriculture sponsored a growers' grading contest which was won by Kenneth Stanton of Lapeer. Howard Holt of Imlay City was second and Kenneth Gardner of Lapeer was third.

Boys' and Girls' Club exhibits were a feature of the show that created an interest. The Club carrying off the honor was the Ful-O-Pep Club of Clio, Genesee County; Dayton Better Spud Club of Mayville was second, and Lapeer Potato Club of Lapeer was third.

Johnson Hackney of Clio won in the individual exhibits of the Boys' and Girls' Clubs.

Lapeer High School of Lapeer won the high school agricultural contest. Edward Bernard of Caro high school won in the individual high school exhibits; Carl Bostick of Attica was second and Floyd Spencer of Lapeer was third.

Special Contests

Judging contest for adults was won by Carl Nielson, of Attica; W. H. Mandeslay of Mayville and David R. Giddes of Saginaw tied for second place.

Judging contests for school children were won by Earl Kuntze of Bad Axe; Martin Nelson of Fillion was second and Gerald Titsworth was third.

The essay contest for boys and girls in the public school below the ninth grade had over 50 entries. Miss Dora Case of Millington was first; Fred Holbrook of Mayville was second, Miss Mary Broecker of Mayville was third and Miss Irene Kaymerczak of Vassar was fourth.

Dates For Potato Train Are Announced

COMPETITION in potato marketing is attracting more attention every year. In order to meet this competition those districts that are producing considerable quantities of potatoes are trying to improve the quality of their product by the introduction of potato shows.

In keeping with this program to make Michigan potatoes the best on any market, the New York Central Lines have planned to operate the potato show train in cooperation with the Michigan State College, through Southwestern Michigan in December.

Over \$1000 in premium money has been guaranteed for the ten counties through which the train will operate. Liberal premiums will be offered in each county for exhibits of Russet Rurals, White Rurals, Irish Cobblers, and other varieties.

One of the features of the show at each place will be a grading contest for the individual farmers.

Boys' and Girls' Clubs and Agricultural High Schools will also be taken care of in exhibits as well as contests.

The premium money in each county has been guaranteed by the State Department of Agriculture, the Potato Growers' Exchange, and local agencies, such as farm bureaus, boards of supervisors, chambers of commerce, and banks.

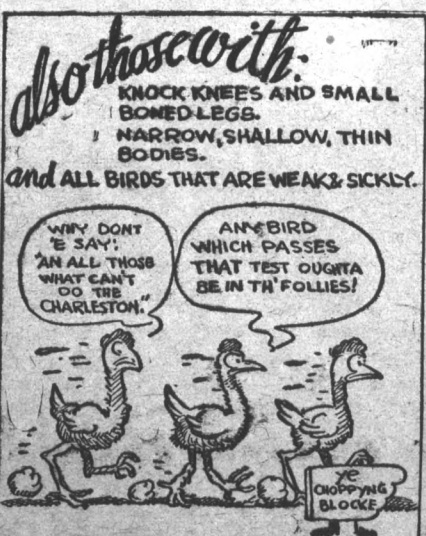
The following is a schedule for the ten day tour: Jackson, Tuesday, December 6; Marshall, Wednesday, December 7; Allegan, Thursday, December 8; Kalamazoo, Friday, December 9; Lawton, Saturday, December 10; Niles, Monday, December 12; Cassopolis, Tuesday, December 13; Three Rivers, Wednesday, December 14; Coldwater, Thursday, December 15; Hillsdale, Friday, December 16.

The train will be in these towns all day and will be open from 10 o'clock until 6 o'clock. (Exception: Three Rivers, which will be 9 a. m. to 3:30 p. m.)

HERE'S HOW

To Cull Your Hens

By Ray Inman



4,000 Farmers Take Part in Top O' Michigan Show

J. Fred Brudy of Wolverine Wins Potato Sweepstakes and Advantage Toward M. B. F. Cup

By O. B. PRICE

ANOTHER Top O' Michigan Potato and Apple Show has been held and with it go memories of the greatest show ever held. Four thousand farmers from the eight northernmost counties of Michigan were in Gaylord on November 2, 3 and 4 to take part in the numerous activities of the fifth annual show.

The show room was crowded to capacity with over three hundred and fifty of the best exhibits of potatoes and apples in Northern Michigan.

The number of apple exhibits greatly exceeded any previous year. This was due to the large exhibits of the Eveline Orchards of East Jordan, and the Orchard Beach Farm of Cheboygan, who exhibited for the first time this year.

When the show first began back in 1922 only potatoes were exhibited, but in 1925 apples were added to the premium list and it has continued to grow along with the potatoes.

Over \$1600 was paid to exhibitors and contest winners. This is the largest amount ever paid out at a Top O' Michigan Potato and Apple Show.

M. B. F. Offers Cup

Competition was keen in most every class. In the peck exhibit of Russet Rurals there were over seventy-five entries, and John Allis, last year's sweepstakes winner, was on hand early to repeat, but, as in all previous years, a new man was heralded as the potato king. This year J. Fred Brudy, of Wolverine, a yearly exhibitor and ex-president of the show carried off first honors. This gives Mr. Brudy the advantage toward the silver loving cup awarded by THE MICHIGAN BUSINESS FARMER for anyone winning first in this class twice in succession.

In the apple exhibits, H. G. Waring, of Kewadin, proved his superiority by taking sweepstakes in all classes even though his brother-in-law, C. W. Oatley, also of Kewadin, won more first than he did.

The three days of the show were full of interest at all times. The programs each morning and afternoon were well attended and interesting discussions followed each lecture. Mr. H. A. Cardinell, horticultural specialist; Mr. G. M. Grantham soil specialist; Mr. H. C. Rather, alfalfa specialist; Mr. C. M. McCrary, potato specialist; and Mr. J. G. Hays, dairy specialist, all appeared on the afternoon program to discuss the topics of their professions.

Two banquets and a luncheon

were held in connection with the show.

Annual Banquet

On Wednesday night, Dr. E. L. Nixon, of the Pennsylvania State College, told the one hundred fifty farmers attending the certified seed growers banquet that four things made high yields in Pennsylvania. These he said are "Michigan's certified seed potatoes, proper spraying, humus in the soil, and a vision of the future."

Dr. Nixon again appeared on the annual banquet program with Dean R. S. Shaw, of the Michigan State College, and Honorable Herbert E. Powell, Commissioner of Agriculture.

Dean Shaw stressed the importance of farmers studying agencies interrelated to agriculture, such as commerce, industry, and transportation. "Railroads and immigration have been the two major influences in the development of agriculture," he said, "and we should be considerate of these influences."

Commissioner Powell praised the farmers for the cooperation given in the marketing of standard grades of potatoes.

On Friday the Boys' and Girls' Clubs were guests of the Association at a luncheon where awards were made to the winners.

The apple pie baking contest and potato peeling contest, new features of the show, proved exceedingly interesting. Forty-five pies were en-

tered for the \$50.00 in prizes offered for the best thirty pies.

The church choir singing contest, too, provided a two hour entertainment on Friday morning to over four hundred people. This contest held for the second time at this show was conducted under the auspices of the R. E. Olds Community Music Fund and Michigan State College. When the contest had ended the Benzonian Church choir was acclaimed the winner. The Atwood Reform Church won second, and the Harbor Springs M. E. Junior choir, composed of twenty-two voices, ranging from eight to sixteen years was third. Bellaire Community M. E. was fourth, and the Vanderbilt M. E. fifth. Nine choirs were entered.

Prize Winners

Other winners of exhibits and contests not given are as follows:

Peck of Russet Rural: 1st, Fred Brudy, Wolverine; 2nd, Orville Scott, Wolverine; 3rd, Leon Mankowski, Gaylord.

White Rurals: 1st, J. H. Godfrey, Hillman; 2nd, Willis Weaver, Alpena; 3rd, Peter McVannel, Gaylord. Irish Cobblers: 2nd, J. D. Robinson, Pellston; 3rd, Chas. Herron, Alpena.

Certified Russet Rurals: 1st, Chas. Kotesky, Charlevoix; 2nd, E. Sutton, Central Lake; 3rd, F. F. Rotter, Alanson; 4th, H. Belking, Boyne City; 5th, Floyd Warner, Gaylord.

Certified Irish Cobblers: 1st, J. D. Robinson.

Beginners' Class Russet Rurals: 1st, Chas. Kotesky, Charlevoix; 2nd, Mrs. P. H. Thoman, Vanderbilt; 3rd, P. Wirth, Alba; 4th, R. E. Gay, Alba. R. E. Gay also was awarded the prize for the best potato.

In the county exhibits Otsego county won first place for the fifth consecutive year. This gives them possession of the silver loving cup awarded by the Association in 1926 to the county winning first place twice in succession. Other counties were as follows: 2nd, Cheboygan; 3rd, Antrim; 4th, Alpena.

In the Boys' and Girls' Clubs, the West Hays Potato Club of Otsego county won first. This gives them the silver loving cup awarded by the Michigan Central Railroad to the club winning first place twice in succession. The Five Lakes Potato Club of Otsego County won second place, and the Burt Lake Club of Cheboygan County won third place.

Andrew Holzschuk, of Gaylord, won first in the individual exhibit of club members. Arthur Estelle, of Gaylord, won second, and Mary Rotter, of Alanson, third.

In the potato grading contest the winners were as follows: 1st, A. J. Townsend, Gaylord; 2nd, Irwin Cole, Alanson; 3rd, Floyd Skelton, Gaylord; 4th, Frank Wyrick, Alanson; 5th, L. K. Estelle, Gaylord. There were thirty contestants in this contest, under supervision of State Department of Agriculture officials.

Best Pie Baker

In the apple pie baking contest, Mrs. Glen Townsend, of Petoskey, won first place; 2nd, Mrs. Libcke, Gaylord; 3rd, Mrs. John Bensen, Gaylord; 4th, Mrs. H. B. Gocha, Gaylord; and 5th, Mrs. E. H. Leisman, Alanson.

The potato peeling contest proved to be one of the interesting events of Friday. With twenty housewives lined up to start, all but two finished in the three minutes time limit. They were required to peel three pounds of potatoes, weighing from eight to twelve ounces each. The winners were: 1st, Mrs. W. H. Green; 2nd, Mrs. F. E. Stutesman; 3rd, Mrs. Geo. Butcher, all of Gaylord; and 4th, Mrs. H. Bos, of Central Lake.

The M. D. I. Refrigerator Car Line also cooperated in the show by placing a car on the track near the show room and giving daily demonstrations during the three days.

And now, with the passing of a great show, all Northern Michigan is thinking of another show to mark the sixth anniversary next fall.



HOW SUBSCRIBER MADE RUN DOWN FARM PAY OUT

Charles M. Burkett, of St. Joseph county, bought a farm that was so badly run down that it was a failure. He saw he couldn't make a go of it on farming alone so he started a roadside stand, using the sideboards to his hay rack for a counter and a couple of tubs for an icebox. Living along M-13 there were quite a few customers every day and at the end of the first week he found they had made several dollars. Business continued good and he saved so by the end of that year, 1925, he was able to build the place shown in the picture. In 1926 a \$2,000 building was added making it a barbecue and soft drink stand, dance hall, tourist camp, playgrounds and roadside stand combined. He calls his place the Midway and believes the idea a good one for any farmer who lives along a main highway on a poor farm to try out.

International Live Stock Exposition Offers Many Attractions

MICHIGAN TAKES PART IN INTERNATIONAL

FARMERS of Michigan will take a prominent part in the International, at Chicago, Nov. 26-Dec. 3, just as they have in years past. Among the live stock exhibitors will be: Woodcote Stock Farm of Ionia and W. E. Scripps of Orion in the Aberdeen-Angus division; C. H. Prescott and Sons of Tawas City, F. E. Shepard and Son of Charlotte, Gottfredson Farms of Ypsilanti, Laurence Wood and W. S. Wood and Sons of Rives Junction, and L. C. Kelly of Marshall, showing Shorthorns; Owosso Sugar Company of Alicia competing in the Belgian horse class; H. T. Crandell of Cass City and W. E. Scripps showing sheep; and W. S. Adams of Litchfield will be there with his best Tamworth hogs. Also the Michigan State College will have 13 horses, 12 steers, 36 sheep and 40 barrows at the show.

Prof. C. E. Cormany and Monte H. Thornton, of M. S. C., will feature prominently in the judging work, while Miss Sylvia Wixson of the College will be superintendent of the home economics exhibits at the National Boys' and Girls' Club Congress which will be held in connection with the Exposition. An educational exhibit to be put on by M. S. C. will be under the supervision of Prof. C. R. Megee of the farm crops division.—Editor.

draft gelding classes and the breeding rings of Shorthorns, Herefords, Percherons and Shires. The various contests of the National Boys' and Girls' Club Congress will begin and continue throughout the week. At night the juniors will parade in the arena.

On Tuesday there will be held the

steer championship, college cattle specials, inter-collegiate meat judging contest, swine carload show and the breeding classes for Aberdeen-Angus, Shorthorns, Polled Shorthorns, Herefords, Shropshires, Dorsets, Berkshires, Chester Whites, Percherons and Belgians.

The following day the breeding

Herefords, Aberdeen-Angus, Shorthorns, Milking Shorthorns, Hampshire Sheep, Lincolns, Cheviots, Rambouillets, Duroc-Jerseys and Hampshire swine will occupy the arena. A special horse show matinee will be given.

Thursday will find the judges working on the Aberdeen-Angus, Hereford, Red Polled, Oxford, Cotswold, Southdown, Leicester, Poland-China, Tamworth, Belgian and Clydesdale breeding classes. The grand champion steer and all carloads will be sold at auction.

Friday will be given over to the judging of the remaining breeds. Auctions of carcasses, wethers, barrows and club calves will be held.

The final day, Saturday, December 3, will be featured by the sale of individual steers, a children's matinee and the championship classes of the night horse show.

An open rate of fare and one-third for the round trip will be in effect on railroads from Northern Michigan points in Western Passenger Association territory to Chicago during the International. Tickets will be sold from Nov. 25th to 30th, with return limit of Dec. 8th. From Michigan points in the Central Passenger Association territory a rate of a fare and one-half will apply, tickets selling from Nov. 24th to 30th, with final return limit of December 6th.

VISITORS to the International Live Stock Exposition in Chicago November 26 to December 3 will find each day's program crowded from morning until night with educational and entertaining events of interest to every member of the family. The displays of breeding and fat live stock, crops, meats, government and state exhibits and boys' and girls' club products will be open for inspection throughout the Exposition and a brilliant horse show will occupy the arena every night except Sunday. Meetings of farm organizations and sales of purebred live stock will be held daily.

On Friday, November 25, as a curtain-raiser to the International, there will be staged a national live stock judging contest between state champion junior teams.

Saturday the college teams will judge live stock and crops, the juniors will show their baby beeves, pigs and lambs, the carloads of fat cattle will be judged in the stockyards and the mutton demonstration contest decided. Judging will start in the Grain and Hay show and continue daily until completed.

Monday, November 28, will witness the awarding of prizes in the steer, barrow and wether classes, the college sheep and swine special contests, the carload sheep show, the

THRU OUR HOME FOLKS' KODAKS



HOW IS THIS FOR SILO CORN?—Taken on the farm of H. B. Matthews in Ogemaw county, a year ago this fall at silo filling time. Mr. Matthews and his twin sons, Harold and Herbert, are shown here.



A WELL LOADED STOMACH.—"My husband and his two brothers," writes Mrs. Orville Woolever, Iosco county. "Good exercise for hearty eaters."



"MAKING HOGS OUT OF PIGS."—If you want to bring 'em up right feed 'em on a bottle, is the advice of Willard Duckert, son of Mr. and Mrs. Albert Duckert, of Sanilac county. Looks like he ought to know.



TWO YOUNG FARMERS FROM GRATIOT COUNTY.—Carl and Cloyee are the sons of Mr. and Mrs. H. C. Koshensparger, who live in Gratiot county.



CLARENCE, JUNIOR AND LOREN ARE READY FOR WORK.—They are the three sons of Mr. and Mrs. Herbert Gettel, of Huron county. Clarence, the oldest, is 7 years old, Junior is five, and Loren is only ten months.



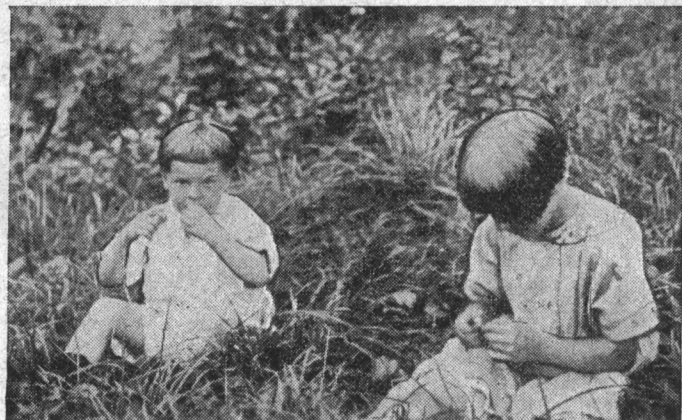
RUTH LUCILLE STANFIELD.—"The Little Milkmaid" is the title suggested by Ruth's aunt, Miss Claranell Stanfield, of Clare county.



HE MUST COUNT HIS PENNIES.—D. C. Hoornstra, St. Clare county, sends us this picture and writes, "Am preaching the gospel and raising a family of boys on \$450.00 salary."



"M. B. F. IS HERE!"—"Our son gets M. B. F.," writes J. Rhinehart, Midland county.



HUNTING FOR WILD FLOWERS.—Vern Henderson and his cousin, Maurine, were having a great time looking for wild flowers when this was taken.



"A PRODUCT OF GUERNSEY MILK."—Mrs. F. W. Dietzel, of Arenac county, suggests the title for this picture of her daughter, June Virginia.



FOUR GENERATIONS.—Mrs. Margaret Rau, of Isabella county, is the oldest. With her is a son, a granddaughter, and a great-grandson.



PICKING PLUMS.—Doris and Gerald Irion, of Huron county, are helping their mother by picking plums. Mrs. F. Irions is their mother.

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WITHIN QUARANTINED AREA

I am writing to inquire if the government regulations in regard to the corn borer have been placed on Clinton county; I understand that it has been quarantined. The inspector was here and said my corn was O. K., not a sign of the borer. I have a chance to sell both my corn and my stalks, but I want to know if it's all right.—E. L. M., Pewamo, Michigan.

CLINTON county has been placed under the quarantine for corn borer. State reports do not show that Lebanon township is infested, but the whole county come under this ruling.

However, you have a perfect right to sell your corn and the stalks to anyone in Clinton county or in any other county included in the quarantine, but you cannot transport your corn to Ionia or any other county outside of the quarantine.

We hope that this will not inconvenience you or prevent the sale of your corn.—Editor.

TO DIVIDE COST OF FERTILIZER

I have let my farm out on shares. I have half and the renter has half and each pays for half of the seed, threshing, etc. Now what is the rule if we put fertilizer on, would the renter have to pay for half of the price of the fertilizer or would the owner have to pay for it all?—L. C. B., Jackson, Mich.

I AM quoting from circular bulletin number 102 of the Michigan Experiment Station, the following paragraphs which were prepared by the soil section of this College. On the basis of the recommendations in these paragraphs, each party should pay his share of the fertilizer expense.

"In case readily available fertilizer other than nitrogen is applied at the rate of from 150 to 250 pounds per acre, the tenant shall be recompensed at the rate of 40 per cent of his share of the purchase price after the first crop year, 20 per cent after the second crop year and 10 per cent after the third crop year. In case larger applications are used, recompense should be made at the rate of 50 per cent, 25 per cent and 15 per cent, or more, of his share of the purchase price after the first, second, and third crop year respectively.

"Mixed fertilizers containing nitrogen in addition to other plant food element shall have \$9.00 per ton deducted from the purchase price for each two units of ammonia. Recompense for the remaining plant food shall be based on the remainder of the purchase price at the rates specified in the preceding paragraph.

"If a nitrogen fertilizer alone, such as sulphate of ammonia or nitrate of soda is used no recompense shall be given after the first crop year."

This is a method of recompensing tenant in case he does not continue to rent the land.—F. T. Riddell, Research Assistant, M. S. C.

MILLET AND SOY BEANS

I would like to know which kind of millet is best for hay and its feeding value for milk cows. I have heard that millet hay dries milk cows. Is this true? Which kind of soybeans are best for hay?—L. P., Eaton Rapids, Mich.

THE Golden variety of millet is considered the best for upland soils while the Hungarian is to be preferred on muck land.

It is not advisable to feed millet hay as a sole roughage. Better results are secured when it is fed along with some other hay such as clover, mixed hay, or alfalfa.

Soybean hay has much the same feeding value as alfalfa hay and is much to be preferred to millet. The Manchou, Ito San, and Black Eyebrow varieties are well adapted to your conditions and should be planted in 28 inch rows at the rate of 35 lbs. of seed per acre. The seed bed should be well prepared and the soybeans planted the last of May or the first of June. The greatest difficulty in using soybeans as an emergency hay crop is the trouble experi-

enced in curing. Soybeans are ready to harvest for hay the first half of September and since this frequently is not good haying weather, it is necessary to cure in cocks.—C. R. Megee, Associate Prof. of Farm Crops, M. S. C.

CONCRETE FLOOR BEST

We are building a basement in our farm to keep all kinds of vegetables. The walls of the cellar are built of cement but we do not know as yet how the floor of same ought to be built; ground floor, or cement floor;

FORD STOLEN

STOLEN—Ford Touring, license No. 338-876, engine No. 8985365, from street in Cass City, on Oct. 22, 1927. Anyone having any information please get in touch with Warren O'Dell, Cass City, or M. B. F.—Editor.

therefore, we are writing to you for advice along this matter.—F. P., Fenton, Michigan.

VEGETABLES will keep satisfactorily in a vegetable cellar having either a dirt or a concrete floor. Since it is much easier to work over, if you care to go to the expense we would recommend that you put in such a floor.—F. E. Fogle, Asst. Prof. Agricultural Engineering, Michigan State College.

SEVERAL QUESTIONS

Can fishermen pass through your fields to fish on a small river without permission from owner? Can a husband divorce his wife when she is willing to live with him any place he provides a home? Can the husband force by law his wife to give back property he has given her? Can any court in the U. S. A. give a husband a divorce from his wife if she is willing to live with him and he fails and refuses to provide a home for his wife? When a divorce case is pending has the husband or wife any more right to keep company with another man or woman than if they were living together?—B. V., Barryton, Mich.

FISHERMAN could not travel through fields to the stream without permission of the owner. A husband could not obtain a divorce from his wife who is willing to live with him, unless her conduct is such as to give him grounds for a divorce. A husband could not force his wife to return property he has given her as a gift. Neither a husband nor a wife would have any more right to keep company with another man or woman of the opposite sex while divorce is pending than they would have while living together.—Legal Editor.

HAVE NO RIGHT

The road commissioner is working on the public road running through my farm. They have cut trees and carried them with the brush into my

fields and left them. Is it for me to clean up that wood and brush and stumps or are they supposed to do it? Can they claim the wood?—H. D., Middleville, Mich.

THE road commissioners would have no right to pile up trees and brush on your place and leave it there without your consent. If the trees are cut off your side of the middle of the road, they would belong to you.—Legal Editor.

5 TO 6 CORDS OF WOOD

Can you tell us approximately how much 16 inch wood there would be in 1,000 feet of lumber, log measure?—I. O. S., Rives Junction, Mich.

THE amount will vary with the diameter of the logs and also with the size of the sticks into which they are cut. For average sized logs and split sticks, it would probably run about 5 cords of 16-inch wood to a thousand board feet. It would vary considerably from less than this to perhaps as much as 6 cords of 16-inch wood.—A. K. Chittenden, Professor of Forestry, Michigan State College.

SECURING PATENT

There is a certain milk strainer on the market and I feel I can improve it. Now what must I do to secure a patent, to whom apply, etc? Do I have to see the company that puts them out before I can get a patent? J. F. H., Galien, Mich.

APPLICATION for a patent on your invention should be made to the U. S. Patent Office, at Washington, D. C. You would not have to see the company making the strainer, if your invention is an improvement or distinctly different from the one they manufacture. You would need the services of a patent attorney in making application for your patent.—Legal Editor.

Bulletin Service

(The bulletins listed under this heading are free. If you want a copy of one or more just list them on a postal card or in a letter and mail to us with your name and address. They will be sent to you without charges of any kind.)

LIST OF BULLETINS.

- No. 1.—POULTRY RATIONS.
- No. 2.—MODERN WATER SUPPLY.
- No. 3.—SOIL FERTILIZERS.
- No. 4.—SEED CORN CURING.
- No. 5.—GOSPEL OF GOOD FEEDING.
- No. 6.—BEFORE YOU INVEST.
- No. 7.—FARM SANITATION.
- No. 8.—FIRST MORTGAGE BONDS.
- No. 9.—FROM EGG TO MARKET.
- No. 11.—MINERALS AND FEEDING.
- No. 12.—LINSEED OIL MEAL.
- No. 13.—FIGHT THE CORN BORER.
- No. 14.—UNDER-GRADE APPLES.
- No. 15.—RAISING RABBITS.
- No. 16.—TIRE CARE.
- No. 17.—FARMERS' TAX GUIDE.
- No. 18.—BARN AND HOW TO BUILD.
- No. 19.—CONCRETE BUILDINGS.
- No. 20.—MOTHS AND BEETLES.
- No. 21.—FEEDING FOR EGGS.
- No. 22.—CHICK CARE AND FEEDING.
- No. 23.—BETTER GRAINS AND HAY.
- No. 24.—100 FOODS FROM 4 RECIPES.
- No. 25.—FARM LEASE SYSTEMS.
- No. 26.—ORCHARD MANAGEMENT.
- No. 27.—RASPBERRY PLANTATION.
- No. 28.—POULTRY FEEDING SECRETS.

Bulletin No. 29.—FLIES COMMONLY FOUND IN DWELLINGS. A very complete bulletin on flies and how to eradicate them, prepared by Prof. Eugenia McDanel, assistant to Prof. R. H. Pettit, head of the department of entomology at M. S. C.



FARMER MAKES COMINATION TRACTOR

How do you like the looks of this tractor? It is a Chevrolet motor with a Ford chassis and was used to plow and drag 240 acres, also to cut wood. It is owned by F. B. Stull, of Jackson county.

•Fruit and Orchard•

Edited by HERBERT NAFZIGER

(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 letter by early mail.)

FRUIT TREES BLOOMING IN OCTOBER

THE abnormally warm fall weather has caused some fruit trees in Michigan to bloom late in the fall, this year, and is causing many others to enter the winter in



Herbert Nafziger

a condition which will undoubtedly render them very subject to winter injury. In many orchards the precarious condition of the trees has been aggravated by early defoliation caused by drouth, scab, and aphid injury. Two things that we have to be thankful for is that the trees have, in most cases, not been further weakened by a heavy crop; and, that the fall has not been a wet one as well as a hot one. Nevertheless we believe it behooves the fruit growers of Michigan to pray for a mild winter.

HORTICULTURAL MARY

Mary, Mary, quite contrary, How did your cover-crop grow? Up to my knees, to protect my trees, When bare orchards are knocked for a row. —H. Nafziger.

STARTING GRAPES

I want to start a new vineyard and would like your advice on how to do it. Will be very much obliged.—Subscriber, Saginaw County.

THE proper way to propagate your grapes would be by cuttings early in the winter from canes of the past season's growth, with about three buds to each cutting. Tie the cuttings into small bundles with all buds turned the same way, bury the bundles in the ground, butts up, and cover with about four inches of soil. Early in the spring, take up the bundles and line the cuttings out in nursery rows, setting them deep enough so that only the top bud is above the ground. Keep the rows thoroughly cultivated for one season, after which the young plants can be planted in the vineyard.

BLIGHT ON PEARS

I have a few pear trees that get blight struck nearly every year about July or August. Would spraying do any good, and what would you use for spraying? We also have a large sweet cherry tree that is full of blossoms every year and produces only a few ripe cherries. I haven't been spraying every year.—L. W. Sterling, Michigan.

PEAR blight cannot be controlled by spraying. Blight is usually much worse in pear trees which are making a fast growth. In your home orchard it might be advisable to leave the pear trees in sod and do no pruning. Next spring it would be a good thing to cut out all blighted limbs and blight cankers. The cankers are often found on large limbs at the base of blighted twigs. Cut out the cankers with a knife or gouge them out with a chisel and disinfect the wounds with a solution of Lysol or some other good disinfectant. During the summer it will be necessary to cut off blighted twigs considerably below the blighted part as soon as the disease appears.

If your sweet cherry tree is standing alone it is quite likely to be suffering from lack of proper pollination. It needs another sweet cherry tree of another variety blooming next to it. Next spring when the tree is in blossom, try to get a flowering branch from another sweet cherry tree and place the "bouquet" next to your tree in a pail of water. This should be done on a pleasant sunny day when the bees are working.

885
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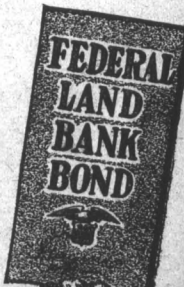
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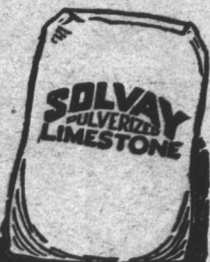


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Free Sample

Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

(Many people write for Mr. Meeks' 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.)

Herbert W. Collingwood

It is a beautiful evening and the young people and their mother are attending a rehearsal for an Epworth League play in the nearby village. It seems quiet here and a glance at the date on my daily paper tells me it time I got busy and wrote something for the next issue of the M. B. F.



L. W. MEEKS

I have in mind several things I would like to write about, but somehow the ideas don't seem to come exactly clear—they seem to get sort of sidetracked, for there is a very sad thought uppermost in my mind tonight.

Just yesterday I learned of the passing on of a friend—one I have known for fifteen years, and heard from every week, yet never have seen personally. Here was a man possessing the quality they call Sterling in silver. No man had higher purposes in life, nor stood more steadfast for what he believed was right. His disposition was genial, his sympathy could not be measured—in fact embodied all the Graces which Paul mentioned in his apostle to the Corinthians: "Faith, Hope and Charity, and the greatest of these is Charity." So it was with my friend, but I should say our friend, for if ever farmers had a friend it was Herbert W. Collingwood. With your permission I would like to tell just a little of his life and work.

He was born on the coast of Massachusetts a few years before the Civil War. His father, as I remember he told it, was killed in that conflict. He was "bound out" and knocked around more or less, yet succeeded in getting a country school education. As a young boy he was personally acquainted with Alexander Graham Bell, when Bell was trying to make a wire carry a message or a short line between Boston and Cambridge. He was an errand boy for one of our famous authors, and went out and bought a bag of peanuts for a group of these serious minded men when they all chanced to be in his employer's office. There were Longfellow, Lowell, Emerson, Holmes, Whittier and Aldrich present at the meeting. He loved books and the men who could write them. About this time, however, there was a great exodus of these New England men to the great west, and we find H. W. C. working as a cattle herder in Colorado. It was while herding cattle one day that he made a sad discovery. This same discovery has been made by many others, and I, myself, can all too plainly remember when this discovery came to me—he found his hearing was leaving him and, like the rest of us, he put forth every effort to regain it, all to no avail.

That winter he was out with his horse after some cattle when one of those awful blizzards dropped down upon him, from a seemingly pleasant sky. His horse stumbled in a prairie dog hole and in the mixup got away from him and ran away. The snow was getting deep and darkness had dropped down, seemingly in a minute. Stumbling along the man was surprised to find himself up against a sod hut. He, and two other men were given shelter and taken in for the night. He had often heard of these men. They were both well along in years and from vastly different walks of life, who had just chanced to meet that night in that hut. One was known as the richest man in all the country about. He said go and come to more men than any one else. He was also known for his lack of education. The other one, a man of very little means but possessing a fine education, was in Colorado for his health. As our friend saw them talk and partly heard their conversation,

he decided then and there to get an education which he might enjoy in his latter years if he never had a cent. He had learned to love the great outdoors, and farming appealed to him strongly. He wished to find some place of learning where among other things he could study Agriculture. Hearing of a college "up in Michigan" the only college of its kind in the United States which had just been established a few years before, and whose aim was to teach the "art of Agriculture," he passed through the gates of the Michigan Agricultural College as a student. A discouraging prospect for a student to face—very little money and hearing nearly gone. But he had determination, and a personality that won him many friends, and by working vacations, giving entertainments, etc., he succeeded in graduating from that institution in the class of 1883. Realizing that money was his first need he spent some time in the "North Woods" where he gained much knowledge of human nature. He soon found that his calling was to be an editor and after a year or two on other journals, he went to New York where for the past forty-two years he has been Editor and Manager of the "Rural New Yorker." I became acquainted with him in the first issue of the paper I received, fifteen years ago. You see he had a regular department of his own which he called "Hope Farm Notes" and to read one of these articles made one feel one knew him, and that he was your friend. However I have been favored with several personal letters from him. Many years ago he purchased a farm in northern New Jersey, where he could live and still go back and forth to his office. It had several orchards on it but he began planting several others and one of his greatest pleasures was to wander about his farm among the orchards and garden truck. Perhaps his greatest pleasure was in doing something for a child. Besides rearing a family of his own, he and his good wife have made a home for over a score of children whom they have taken and educated. I have often wondered how he could spend so much time at home at Hope Farm and yet be at his office so much. His paper being national in scope, afforded him many opportunities to become acquainted with about every business enterprise, and how he did love to ferret out one whose principles were not square. The number of such concerns he has put out of commission is more than one would believe. His work was far from finished and in his passing we, as farmers, whether we have heard of him or not, have lost a friend. He was the author of several books. Quite recently he issued what is perhaps his masterpiece—at least the most personal, for it was on the subject of hearing, and which he called "Adventures in Silence." The reading of this book and being able to exactly understand his position and purpose, has only added another tie to my friendship for him, and in his passing I feel lonesome.

STOP LAWLESSNESS

DEAR EDITOR: I am very much pleased to see that you take so much interest for those who raise poultry. It is surely time that something should be done to stop lawlessness in more ways than one, by those who ought to know better. If the Bible in our schools will help, let's have it. I think that parents are more to blame, as they give children too much rope nowadays and have too much pleasure and jazz in school at the expense of the taxpayers.—F. H. Carpenter, Otsego, Michigan.

THANKS

I always find something interesting in THE BUSINESS FARMER and the service given to subscribers is wonderful. Have received a great deal of advice.—Olaf Bayer, Chippewa County.

What the Neighbors Say

PHEASANTS AND TAXES

DEAR EDITOR: We saw a complaint regarding damage done by pheasants to grain crops. This seems too bad, for any living game or song bird must eat to live, same as the farmer himself no matter where it comes from. Our insect and worm-eating song and game birds should be fed in short periods when the vermin they live on are not available, and they should be fed plentifully instead of wanting to kill them off.

Not long ago the Canadian government demonstrated that pheasants are worm destroyers and are not of the grain eating habit when worms and bugs are to be had.

Regarding the "tax single folks" idea, why would it not be wiser when contemplating founding a home and family to consider the situation and circumstances first, instead of expecting others to pay their family burdens. For "One Who Wonders Why," this is "Why Not."

LIKES MR. SLOCUM'S ARTICLES

DEAR EDITOR: I have been a subscriber to M. B. F. for many years and hope our friendship will continue for many years in the future. I am always anxious to receive my paper. I have read all of the articles for many years but Mr. Slocum's articles on his trip through Mexico especially appealed to me for I have studied the Mexican problem for years. I notice in one article where he said he might have been hoodwinked. President Calles and his bunch are nothing more or less than a bunch of tyrants. Jackson prison contains lifers that could be called gentlemen and truthfully so too when compared to that gang of wolves in sheep's clothing, as the good book says.

I would like to see the day soon arrive when we will be receiving the M. B. F. weekly, as it doesn't come often enough.—John Jourdan, Isabella County.

THREE-CENT GAS TAX

DEAR EDITOR: I have talked with farmers about the 3c gas tax and this is what they invariably said: "It is a graft. We farmers who run tractors and cars are hit the hardest. We are just clear gain for the whole administration anyway. The farmer pays. We pay the assessments to help the rich people sail around in swell cars over expensive roads. Somebody has to foot the bill. This extra tax should be exempted with us farmers, but no, we have to come under it all as well as folks who can afford it and don't work for it as we do. We hope the petitions will win out, but don't know yet."

So there you are from these folks, the gist of their ideas summed up at least.

I have a little car and winter is coming. That means more expenses all around, and now the car included in that extra, which we can ill afford. We use the car in our business and it is not a luxury.—C. H., Sturgis, Michigan.

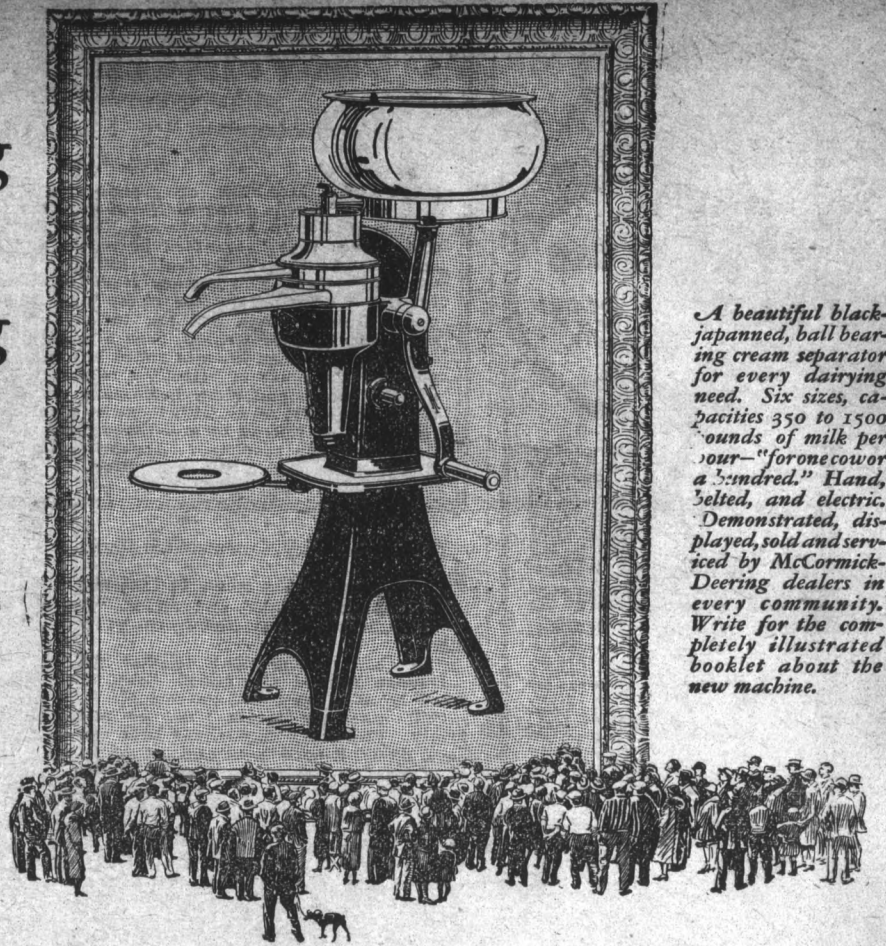
CONDEMNNS PHEASANTS

DEAR EDITOR: As I am a true lover of wild life, there is nothing I can get more enjoyment out of than to sit in the woods and watch the birds and other wild things. But what makes me sore, is the fellow that sits in his office and says "protect the game" and still makes laws that protect the farmers worst pest, the ring neck pheasant. I have seen them kill fox squirrel, young rabbits, young quail, as well as young turkeys and chickens. Now if Mr. L. F. F. had a few crates of these pests, he would have to import a lot of rabbits to ever see a hare. But if he had them and watched them for a while, he would have a good word for a dog.—J. P. G., Lansing, Mich.

Please change address to following also want you to know we think a great deal of THE BUSINESS FARMER and receive a great deal of benefit from the nice little paper of Michigan with all her beauties and splendid opportunities.—Mrs. L. B. Perkins, Emmet County.

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J. S. Caldwell, Vinton, Iowa, let the hogs follow the plow to clean up the grub worms in a well-fenced 10-acre clover pasture when he broke it up for corn. His crop ran 60 bushels to the acre at \$1.10, a total of \$660.00. On his other ten his fence was poor. Grubs got all but 150 bushels—a total loss of 45 bushels per acre that could have been saved with a hog-tight fence. "You can borrow \$1,000 at 7%, put it into fence and make money," says Mr. Caldwell. We claim

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"Seventeen Is Grown Up"

A Frontier Story in the Days Before the Revolution

By A. E. DEWAR

SUMMARY OF STORY

DUNCAN McAFEE, an orphan, from Bethlehem, Pennsylvania, going on seventeen, is going to North Carolina to live with his uncle. Traveling by wagon train, encountering all sorts of dangers, he has a real thrilling trip, and proves that "seventeen is grown up" by saving a fair young lady from bandits who attack the train, killing most of the people and carrying her off into the woods. The journey from Bethlehem to Frederickstown was uneventful but a little beyond the latter place they are joined by the Sawyers, a girl about Duncan's age and her father. While camped one night a bedraggled stranger comes into camp, begs a meal and tells of being attacked by Indians. After that Duncan mounts guard but one night he falls asleep only to be awakened by the noise of attacking raiders who shoot some of the men, take their money, horses and other belongings of value, and make their escape, carrying the Sawyer girl away with them as a prisoner. Duncan is determined to rescue the girl. He follows at a distance for a time but later joins the robbers without creating much suspicion. Appearing to be homeless and friendless they give him a job as cook's helper.—Editor.

(Continued from November 5th issue)

"YOU been taking meals to that girl?" Duncan nodded and added, "Yes, sir, when he saw the frown gathering."

"You been taking meals to that girl?" Duncan nodded and added, "Yes, sir, when he saw the frown gathering."

"I'll take her meals now, he added firmly. "No dirty faced little runt can—here, fix up a good meal and let me have it. Go tell her she's got a treat coming."

Duncan obeyed him. He walked slowly across the grass toward the cabin. It was hidden by another from the cook shack, where the men were gathered. As soon as he passed out of their sight, it occurred to him that a dash for the woods might be possible. Yet after a second he dismissed it as impossible. The girl could not endure the long race on foot.

She saw him coming and had the door open. He thought she had guessed his news, for her eyes were lightened. Yet she only said:

"Is Horner back?"

He shook his head.

"He's killed him," she breathed.

When Duncan asked what she meant, the girl explained that she had seen Romkey follow Horner into the woods. Later she had heard a faint shot. Romkey had come back alone. She doubted if the men knew he had left camp. She was frightened. That man was bad; he might do anything. They had thought they had a few days' breathing spell before Locke came back. Now—

"In a minute," Duncan interrupted, "Romkey will be here."

"No," she moaned. "No—no!"

"To give you your dinner," Duncan went on coldly. "Keep that door locked. Let him hand the food thru the window." "If he wants to, he can break in," she said, as if weighing chances to herself. "If I had a knife, now—"

"He will not break in," said Duncan.

"She gave him a glance of alarm. "He would only kill you," she murmured. "Do not vex him. Save yourself."

He could have slapped her face at that moment with great joy. For a second he glared at her; then he heard someone moving behind the next cabin. He made a warning gesture.

"Quick!" he whispered. "I'll be near at hand."

He glided around the corner of the cabin. The slam of the door came to his ears. The bar fell.

Duncan put his hand inside his shirt and pulled out the captain's pistol. Its butt lay nicely in his hand. He shook more powder in the pan, held it ready, and steadied his shoulder against the cabin wall.

"Open the door!" ordered a voice beyond, suddenly.

There was no answer. A heavy kick made the door rattle.

"If it's dinner, hand it in at the window, please," came the girl's voice—very thin, very high.

"Open that door!"

Silence.

"An axe will do it if you won't, my pretty." It was Romkey's voice again. "No? Well, then."

There was a crash. The girl screamed. Duncan, gliding softly around the corner, came face to face with Romkey, red-faced, sweating, an ax swung over his shoulder in position for another swing at the door. His grip relaxed for an instant, his jaw dropped as he saw Duncan and got the significance of the pistol muzzle that was a foot from his chest.

"What the devil!" he cried. He clenched the handle again and swung his weight into a blow that aimed for Duncan's head.

The pistol spat flame and lead at his chest. He choked and staggered. The ax, released, plowed into the dirt at Duncan's side. Romkey turned half-way around, fell against the side of the cabin and slid slowly to the ground. His eyes rolled at Duncan. He tried to speak. A final spasm shook him and he lay still.

Duncan stared at him—and at the pistol from whose muzzle blue smoke still trailed. Then he tossed the pistol down by the body and turned away. He thrust his face up to the window as he went past. "Say nothing," he warned. "Don't let them know."

In a second he was around the corner of the cabin. He doubled back among the trees and came out again on the far

side of the cook shack. The men around the keg were just moving slowly away from it. A group of the others had already turned the corner toward the prisoner's cabin.

A shout came back:

"Dead!"

The men broke into a run. Duncan joined them. Breathing hard, they came up to the circle around Romkey's body.

"Pistoled," commented someone. "Now who done it?"

One man gave a cry, leaped forward and threw up his hand with the pistol in it. The men stared at it; one or two swore and stepped back.

"It's the captain's pistol. The captain, he warned Romkey to mind his own business. He told Romkey to keep his nose out of this."

"The captain came back an' got him," added another hoarsely.

POTATOES AVERAGE OVER TWO POUNDS

AN Eaton county farmer, Fred Frey, reports that he dug 27 potatoes this fall that weighed 65 pounds, an average of close to two and a half pounds each.

They shrank from the man who lay on the ground. The men on the outside of the circle began to cast uneasy glances around them.

"Served him right," avowed one man loudly, as if an unseen listener were weighing their words. The others mumbled among themselves. They backed slowly away. The man on the ground faced with his painful grin nothing but the wavering green of a branch high above him. Captain Romkey had come to the end of his hour's command.

V.—THE PIECE OF SNAKE

They buried Romkey in a hurry, and took the silver mounted pistol to lay on the shelf in the captain's cabin. Once more the men were on their good behavior. Two went scurrying up the trails to keep guard again. The rest sat in a circle, looked at each other, and said hardly anything.

Langdon, a tall, lanky fellow, with a face the color of dirty paper, took it upon himself to assume command. He was one who had cried: "Served him right!" when they had found Romkey dead. Apparently the belief was strong that the captain was just around the corner checking up on every word.

"Take something more to the young lady," he ordered Duncan. "Tell her she'll not be bothered again."

Duncan shivered, and his jaw dropped. "There's blood on the ground by the door," he quavered. "I'm afraid—ha—nts—"

He got a cuff that sent him sprawling. "Get along!" growled Langdon.

Duncan limped away. He knew the girl would not look at the dinner, but it gave him a good excuse to talk things over with her. His objections had been part of his plan of appearing too weak and spiritless to be worth watching. At the moment that sort of acting had not been difficult. The terror of the girl's predicament, the pistol of Romkey had set his nerves to jumping. He remembered too well even now how Romkey had looked as the pistol had barked, and knew that he would see that dying face often in his dreams.

There was, as he feared, a dark spot on the hard-packed ground before the cabin door. Duncan, with a stony face, walked right over it, but something twisted inside of him as he did it. He had to wait a minute before he could make his voice sound bold enough to speak to her.

To that breathless silence within he said:

"It's Duncan again. Everything's all right."

He could hear the girl panting like a hound after a hard run as she lifted the bar and thrust the door open. The next second she had two frantic arms around him and was sobbing against his shoulder.

"Take me away!" she begged. "Quick! Quick!"

He was far too unsure of himself to feel any gratification. Yet that grasp warmed him. At the same time, her agitation made him fearful. Escape now? The thing was impossible. It would take preparation, waiting, night, and a lucky chance. Yet he feared to say it. She was in the mood to run shrieking to the woods if she were told that she must hide longer in the cabin.

"Of course we'll go," he said, in a voice he tried to make reassuring. "I'll get a couple of horses ready and hide them. You be ready when I give the word."

She grew a little calmer, and looked up at him—even tho she still unconsciously held him tight. He almost winced at that look. She seemed to think that he could do as he promised. Could he? The thought of his comparative powerlessness made him savage.

"When things are ready," he told her, "I'll walk past and whistle. Then you make to the other end of the camp. I'll have the horses tied in that clump of trees north of the sheds."

She nodded, and then seemed to freeze in a new terror.

"Alone?" she asked. "Do I have to go by myself?"

"I'll be busy," he explained. "If they miss me, they may start looking for me before we're ready. They won't know you've gone. You'll have to do it by yourself. I'll meet you where the horses are."

He hesitated. "If you see the men coming toward the timber, and I'm nowhere in sight, get on and ride anyway."

She cried out at that, as if he had struck her, and shook her head. For a moment they stood there, breast to breast, and he could feel her gather herself together. Then she stepped back.

"When you whistle," she repeated, and was gone.

Duncan went back to Langdon. The men still hung together uneasily and looked over their shoulders often. They were wondering about Horner. Presently Langdon clapped his hands together.

"Romkey done for him!" he declared. "I'll bet on it."

They argued over that. Landon insisted that Horner's failure to show up gave force to his argument. They tried to recall which way Horner had gone. One man was sure. He started off to the woods. Three more followed him. The rest sat still and jeered at them. Langdon turned finally.

"You're scared to get into the brush," he accused them. "Nobody's waiting to pick you off."

Two more swaggered after him at that. The others hunched their shoulders and sat still.

Duncan sauntered off toward the sheds. The stockade held a few horses. Most were out in the timber, hunting for their feed. All wore hobbles, of course.

(Continued in December 3rd issue)

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.



Mr. and Mrs. Clayton Dunbar, Wexford county subscribers, live in this large brick house.



The Kingdom of God in the Country

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.)

TET: "But seek ye first his kingdom and his righteousness, and all these things shall be added unto you." Matthew 6:33.

"BETTER farming, better business, and better living; and the greatest of these is better living." If there is one pronouncement which has towered above others in these days of discussion, it is aptly expressed in these words. This paragraph is taken from Dean Mann's "final expression" of the American Country Life Conference held at East Lansing, Michigan. And it is highly pertinent in this connection to quote President Butterfield on "The Issues of Farm Life." His final word is, "But above all, let us not forget that, while the present day world is at work subduing nature, utilizing material resources, and building the huge machinery of civilization, the abiding issues of farm life, as of all life, lie after all in the subordination of the material to the spiritual, of the physical to the moral. In other words, they lie in such principles as the supreme worth of the individual, the giving of each individual both the opportunity and the stimulus for the maximum development of his mind and spirit, and the cooperation of individuals, of families, of communities, of states, of nations, of races, for the common welfare of all mankind." This writer left the conferences on country life with special admiration for the personality who did so much to saturate the atmosphere of the meeting with the spirit of righteousness. His words, "for the common welfare of all," is a modern phrasing of Jesus' "The Kingdom of God," the seeking of which is the true end of life. Those of us who live in the rural sections, and are tempted to believe that the weal of ourselves and of our children lies, first of all, in more money and better economic adjustments, must be roused to know that it is "better living" through the undergirding of the life with religion, that makes for final and complete satisfactions. This is precisely what Jesus said in the words of our text. Now let us examine this lesson a little more sympathetically.

And to do this, is to know first what warnings lie back of the text. "Except your righteousness shall exceed the righteousness of the scribes and Pharisees, ye shall in no wise enter into the kingdom of heaven." A sharp forewarning indeed; a startling declaration that a merely passive and conventional religion was missing the mark. This is severe, but it is the truth which has for long been too much crushed to earth. This principle puts an eternal tabu upon any social institution, church or other, which does its service before men to be seen of them; that is, to exalt itself. The seal of truth is put upon that institution which reaches down into the great heart needs of humanity in an humble and unostentatious manner. "Let not thy left hand know what thy right hand doeth." Every church and social agency needs to uncover its light, but the motive for such advertising is sanctified only through baptism in the spirit and purpose of Christ. The good Lord knew that when we go to blowing trumpets our weak nature would be tempted to petty show for the sake of worldly honor. Our text is a drawn indictment against this thing and a positive social charge laid upon the minds of men and institutions. The ideal set forth grades the activities and institutions of every community on the basis of their motive and power to promote better living. A lower motive may be rewarded for the moment, but disappointed for eternity.

But another reason for this pronouncement is, that men are engaged in laying up treasures on earth, rather than in heaven. Of course, the children of the Kingdom need food

and raiment and the good things of earth, and this the law of the Kingdom adds. But when men seek these things for their own sake, and reckon that life consists in accumulating them so that they might have them in abundance, this is disallowed. Our Lord declares in uncompromising terms that material greed is eternally opposed to social good, or Kingdom living. Judge Gary is dead. He was a strong exponent of the virtues of personal religion. But it may be doubted that he left much social recognition to United States Steel. To seek money first, believing that somehow this will promote better living in the end, is a practical nullification of the teaching and life of our Savior. He declares that when we seek first possessions in the realm of the unseen, which is eternal, those necessary things in the realm of the seen, which is but temporary, will be added unto us.

This is a way of life that holds, as President Butterfield has said, to the "supreme worth of the individual" and to "the cooperation of individuals" for the common weal. Now, Christianity is a way of life, and it is this way of life. To promote it, the community must look to the personal fitness or the moral development of its citizens; it must emphasize personal attention to righteousness. These citizens in the aggregate, make for social foulness or fragrance. The writer has in hand a score card for the grading of farmers which was handed him at the country life conferences. It is significant, that out of the one thousand points given for determining the farmer's standing nearly one half come under "Home Life" and "Citizenship." No farmer is a "Master" until he is morally fit. And this personal fitness is shown by his social attitudes; that is, his home and citizenship relationships. This is a joyous conforming to the two-dimensional program of personal righteousness and social service, as taught and lived by Christ. To seek first the Kingdom of God is to have it within and express it without. It is a soul-quality that flows out in love to all men in ever widening circles. It cooperates "for the common welfare of all mankind." For example, our "Master Farmer" is required to take an active interest in school affairs, to go to church at least thirty-five times a year, and is given extra points for active interest in and support of the church. But mark this, "If known in the community as a 'knocker' on community enterprises, make full deduction."

Verily, the time is here when the first things of life are striving for first place, when the spiritual concept of living is beginning to deliver us from the dominion of sense things, when "better living" must become the high purpose of one and all. The common welfare of all is the one and unvarying motive of Jesus' life and teachings. This motive is the chief cornerstone in the building of a better community. Let rural preachers and sociologists make this their common theme. When our text has a chance, it will raise the common life of the community to its highest possible terms. This is the Kingdom of God come to the country.

We sure enjoy our paper. It is a large farmers' club that we can enjoy right in our own home. What can we ask for that we can't find in THE MICHIGAN BUSINESS FARMER?—Mr. and Mrs. H. M. Milner, Kalkaska, County.

We prize the M. B. F. so highly that we do not like to miss a single copy.—John Powers, Marquette County.

We enjoy your paper from cover to cover and are proud to be subscribers to such a paper as yours.—Mr. and Mrs. James Timblin, Weyerhauser, Wis.

Just a note to let you know we wouldn't be without M. B. F. one week. We all read it young and old.—Ralph Schutt, Ottawa County.



Friendly light

A FAMILIAR scene—the lamp of welcome. But on half a million farms the same welcome is extended at the touch of an electric switch—with a flood of light both indoors and out.

The hours mother spent on the lamps belong to the family now. Properly shaded lights give the best illumination that science can devise.

Men appreciate electricity too, for it has eased many chores around the barn. The friendly light of electricity has revealed a new farm life with a hundred ways of doing things easier and better.

If you are on an electric line or hope to be soon, ask your electric power company for a copy of the G-E Farm Book which explains many uses for electricity on the farm.



This monogram on MAZDA lamps, Wiring Systems, and motors that run household and farm equipment, insures lasting safety and convenience in both house and barn. It is a guarantee of the endurance and adaptability that General Electric builds into all of its products.

GENERAL ELECTRIC



Giant Grip

Shoes and Calks
Increase Horse Power

Winter holds no fear for you if your horses are shod sharp—if they have on Giant Grip shoes and calks. Safe footing and sure tractive power increases their capacity for work. Calks can be changed easily without removing the shoes. Calks are interchangeable in all Giant Grip shoes. Your horses can always be shod sharp. Giant Grip calks stay in—wear sharp and wear longest. They are your sure protection on icy hills, and your guarantee that your horses will not be working under strain.

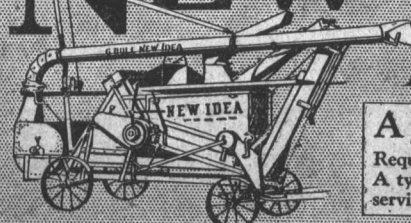
Your blacksmith has Giant Grip shoes and calks. Have him put on a set now when sure footing is needed most.

Giant Grip Mfg. Co.
OSHKOSH, WISCONSIN.

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The Michigan BUSINESS FARMER

SATURDAY, NOVEMBER 19, 1927

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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"

THANKSGIVING

THANKSGIVING, with its proverbial turkey, dishes of crimson jelly and golden brown pumpkin pies, is not far off. Many of us are already dieting some so that we will be in trim to enjoy the good eats that we know we will have. Then when the time comes we will stuff ourselves so much that we will have to take a nap in the afternoon while the women folks do the dishes, and we will forget almost completely the purpose of this day. Let us not forget to get down on our knees and thank the good Lord for the many blessings he has shown us.

SELLING POTATOES

SELLING potatoes! That is what Michigan is doing during the month of November with its many potato shows. The Top O' Michigan Show at Gaylord is the first one and this is followed with shows at Mayville, Greenville, Cadillac, Big Rapids, Traverse City, and others of lesser importance. Our leading shows attract national attention and result in Michigan potatoes being shipped to many parts of the country, while the smaller shows increase local interest in better production.

NOW WILL THE GRANGE BEHAVE?

SPEAKING at a banquet in Bay City recently Congressman Robert J. Clancy of Detroit is reported to have expressed his opinion of the stand the State Grange took on prohibition at its fifty-fourth convention by saying, "If the State Grange would pay more attention to crop rotation and scientific research to solve real problems instead of trying to regulate the morals of the people of the State it would accomplish more for the farmer."

What bothers the congressman is the fact that he and his wet friends cannot tell the farmers how to vote. The farm folks helped make this country dry and every vote or canvas taken since that time indicates they have not changed their mind. Perhaps he is just a bit afraid of the influence that may be wielded by this fine rural organization.

Congressman Clancy's way of telling the farmers to "go home and slop the hogs" will not make a very great impression on the State Grange. In fact his cause would have been better off if the words had never been uttered.

SPREAD OF CORN BORER CONTINUES

ON July 1st of this year the European Corn Borer was known to be in the counties of Wayne, Monroe, Lenawee, Washtenaw, Macomb, Oakland, Livingston, St. Clair, Lapeer, Genesee, Sanilac, Tuscola, Huron, Hillsdale, Branch, Jackson, Calhoun, Ingham, Shiawassee, St. Joseph, Saginaw, Bay and Kalamazoo in Michigan. At the International Corn Borer con-

ference in September it was stated that Barry, Eaton, Clinton, Arenac, Iosco and Alpena had been added to the list. Now the U. S. Department of Agriculture sends out an official statement including Alcona, Berrien, Cheboygan, Gladwin, Ogemaw and Presque Isle, making a total of thirty-five counties in Michigan in which the borer has been officially found. That is just over half of the counties in the lower peninsula.

Get your map of Michigan and notice how the infestation is following the shore line of the State. Perhaps by next summer we will have reports of infestation along the eastern side of Wisconsin and Illinois, the borers being carried there by the waters of Lake Huron, Straits of Mackinac and Lake Michigan.

TRESPASS LAW

A MOVEMENT is said to be under way to amend and take the teeth out of the Horton trespass bill requiring hunters to secure oral permission of a land owner to hunt on his property. Our lawmakers took most of the teeth out of the original bill before they would pass it and now sportsmen want to make it completely harmless.

Some readers report that we might as well not have the law as hunters fail to pay any attention to it anyway. That is no doubt true in many cases, the hunter trying to avoid the owner of the property and telling anyone who questions him that he has oral permission. When caught by the owner a hunter may apologize and say that he talked with a man who said he was the owner and gave him permission, or that he was hunting on the adjoining farm with permission and did not know that he had crossed the line. Various excuses can be offered and some will sound plausible. But if the law could be changed from "oral permission" to "written permission" we feel confident it would be far more effective.

If this bill is to be amended let us see that it is made stronger instead of weaker. Legislature does not meet in regular session for over a year yet but we advise your getting in touch with your senators and representatives, personally or by mail, right away, and then keep reminding them every once in a while.

SO ALL MAY PROSPER

MICHIGAN is fortunate in having such a railroad as the New York Central Lines serving its citizens in many sections. Any movement to improve agriculture in the State usually has their ready moral and financial support. At the present time they are not only assisting in the staging of potato shows in different parts of the State but they are supplying the necessary equipment and crews to operate several special trains in Michigan, cooperating with the agricultural college and making these trains of the greatest possible value to the farmer. These trains have helped carry the messages of better herd sires, more dairying and alfalfa, fertile soils, certified seed potatoes, and other subjects to the farmer much to his profit.

Of course they have selfish reasons for wanting the farmers of Michigan to prosper through better crops and livestock. One of them is that it will mean more business for their trains, more freight to be hauled to distant points as demand increases for Michigan grown products with a reputation for quality. But, surely we can not blame them for wanting interest on their investment in the betterment of Michigan agriculture.

HIGHER PAY FOR CLEAN-UP

"I BELIEVE that the farmer should receive more than \$2.00 per acre for cleaning up his corn fields," said Assistant Secretary of Agriculture Dunlap at the recent International Corn Borer conference in Detroit. He owns a farm in Ohio and has an idea of how big a job it is to make a thorough clean-up. We doubt if he could have made a statement that would meet with greater applause from the farmer within the quarantined area than this.

CHICKEN THIEF REWARDS OF \$50
EACH M. B. F. HAS PAID

- 1.—Frank Watkins, Holly, Mich.
- 2.—Walter Arnold, Oakland County Deputy.
- 3.—John W. Copp, Oakland County Deputy.
- 4.—Amos Jury, Ashley, Mich.
- 5.—Wayne DeBree, Greenville, Mich.
- 6.—Alton Hall, Charlotte, Mich.
- 7.—Alex MacDonald, Houghton Lake, Mich.
- 7.—A. R. Geddes, Saginaw County Officer.

The Song of the Lazy Farmer



I'VE been a thinkin' most a week, for since I heard some feller speak by radio, a-tellin' us that we should scheme instead of cuss and figger out some new idee, I've been a-thinkin' wife and me had ought to figger out some way so we could make the old farm pay. With her to work and me to plan there's surely some way that we can make money, all I need, by gee, is just to think of the idee. The banker called me up today about them notes I didn't pay, most ev'ry feller that I see has got cash comin' off of me, and though Mirandy stews and frets we keep accumlatin' debts.

Mirandy's sore because I sit for hours and never move a bit, she says if I would toil and sweat we'd have a better chance to get a balance put by in the bank, but some day maybe wife will thank her stars because she's got a man with brains enough to think and plan. I'll figger out a scheme that will put lots of money in our till, I don't know yet what it will be, but I'm a-thinkin' hard, by gee!

PETER PLOW'S PHILOSOPHY

I see by the paper how a feller in New York run away with his brother's wife after stealin' his clothes. It's bad enough to have your wife stolen but when they take your clothes too that's about the last straw. A feller can get around without his wife but he can't get very far without clothes.

I just read a news item that had quite a "kick" in it. The headin' was "Breaks Arm; Starts Tractor With Foot."

I got inside dope on the new flivver that Henry's turnin' out. I was talkin' with a feller that has a cousin that goes with a girl whose father knows a chap that rooms with a feller who worked at Ford's a year or so ago.

'Twasn't more than a couple of years ago that we was readin' 'bout contests bein' held all over the country to decide who was the champion dancer, or piano player, or the biggest eater. Just the other day I read 'bout a dish washin' contest bein' held in California. That sounds like the old world is goin' to get down to normal again after while.

Ever hear this one? An auto got stuck in the mud down the road a piece from our place this fall and I went down to help the feller get out. I asked him if his bus didn't have enough power to pull out and he said he guessed so, but the darned engine was missin'. His wife spoke up, "Why John, we had it when we started. Where could we have lost it?"

COMING EVENTS

- Nov. 26-Dec. 3.—International Live Stock Exposition, Chicago, Ill.
Jan. 3-Mar. 2.—Short Course, Dairy Production, M. S. C., East Lansing, Mich.
Jan. 3-Mar. 2.—Short Course, Horticulture, M. S. C., East Lansing, Mich.
Jan. 3-Mar. 2.—Short Course, General Agriculture, M. S. C., East Lansing, Mich.
Jan. 3-Mar. 2.—Short Course, Poultry, M. S. C., East Lansing, Mich.
Jan. 3-Mar. 2.—Short Course, Agricultural Engineering, M. S. C., East Lansing, Mich.
Jan. 3-Mar. 2.—Short Course, Home Economics, M. S. C., East Lansing, Mich.
Jan. 30-Feb. 3.—Farmers' Week, M. S. C., East Lansing, Mich.
Feb. 6-11.—Short Course, Fruit Growers, M. S. C., East Lansing, Mich.
Feb. 6-11.—Short Course, Market Gardeners, M. S. C., East Lansing, Mich.

"The Business Farmer" is more than a periodical It is an Institution of Service!

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.)

WATCH FOR THESE FELLOWS

WE are told that we have not lived in vain if we live our life so that when we die we leave the world a better place to live in. Certainly the man who is the victim of a swindler and tells the world of his weakness in an effort to keep his fellow men from also falling for the swindler's smooth line of talk has a right to claim he has lived a profitable life.

A letter comes to our desk from a St. Joseph county subscriber telling how he was swindled out of \$5.00 and warning others so they will not make a like mistake. It reads in part:

"Two men of foreign appearance but claiming to be native born Americans called at my place. They spoke high German and Pennsylvania German, speaking it all of the time they

entific inventions that are used with a certain degree of success when handled by experts but they are of no value in the hands of an untrained person. Most of the instruments advertised for general use are of little or no value, according to experts.

J. H. WEISHAAR & COMPANY

We would like to have you help us collect some money we have coming from J. H. Weishaar and Co., commission merchants, 12 South Water Market, Chicago, Illinois, for celery we sent them on consignment. We sent them a total of 70 boxes of celery and never received one penny for it. They wrote that our celery was sold for \$1.75 and \$2.00, but being short of capital they asked us to wait two or three weeks for our money. We waited and not getting any returns wrote them. We received a letter telling us they were still short of money but we would get paid in full in two or three weeks. After allowing them plenty of time to make good their promise we wrote them another letter to which they failed to reply, and we are still waiting for our money.—G. T., Ottawa County.

UPON receipt of this claim we wrote the company a letter which they did not see fit to acknowledge. Then we sent them a second letter—with the same results. A third letter went by registered mail to be sure that they received it and still no reply. We then placed the matter in the hands of our Chicago representative who called on the company. He told Mr. Weishaar that unless he settled with our subscriber within two weeks we would expose him through our columns because even though his financial condition might be bad he had no right to use the money of people who sent him produce to sell. No settlement being made the only thing left for our subscriber to do is to start legal action and, if necessary, put the company through bankruptcy. Even then it is doubtful if our Ottawa county friend would win out because their investment is undoubtedly less than what they owe him.

CHECK WAS NO GOOD

I wish you would let me know as so as possible what you can do in this case and what I am to do. Two weeks ago I sold a cow and calf taking a check on a Detroit bank in payment. The check has been returned to me as worthless. I have officers here looking for him but they do not seem to be doing anything. The man's name is Ikem and he lives near Detroit.—Reader, Genesee County.

WHAT we can do to help in such a case can be answered in one word, "nothing." And he can do just about as much. Any man who gives a worthless check will not sign his own name nor will he give his complete address to the person to whom he is issuing the check because he knows they will learn that he is a crook and will try to locate him.

We advise our friend to frame this check and consider in a diploma from the school of experience.

SEEK INSURANCE SWINDLER

AN agent giving the name of R. C. Morgan and driving an automobile with Indiana license number 469-629 is wanted by the authorities for selling a fraudulent insurance policy. His operations have been confined to southern Michigan and northern Indiana as far as is known.

So far he has collected hundreds of dollars selling a policy which is supposed to insure one against bad checks and other fraud papers. The policy purports to be issued by a clearing house, with offices "in New York and every state," but not showing any address. Its president is set forth as N. A. Mann. Have you seen him?

BLACK TEAM STOLEN

STOLEN—Bess, a black mare, with white star on forehead, white nose, white hind legs and a white spot on forelegs, "24" branded on left hip and a half circle just above tail; Deck, a black horse, with white forehead, white nose, white hind legs, and white on forelegs. If you see this team, notify D. C. McLain, R. R. No. 2, Cadillac, Michigan.

were here so I can not say whether they speak English. Also they advised they stopped only at German speaking homes. They had hand-made baskets of all kinds and sizes for sale, having a whole truck load with them. Their truck carried Ohio license No. T23-52 and was a high speed type, perhaps a Reo. I bought a basket because they seemed to be well worth the money. Then one fellow asked me if I had any horses with the heaves. I told him I didn't and asked if he was buying such horses. He replied he was doctoring them. I mentioned that two of mine were not doing so well and he wanted to look them over. He said they had worms and offered to supply enough medicine to treat four horses for \$5.00 or would sell the recipe for \$10. I thought he was right about the horses so gave him the five and asked him to leave his name and address. 'W. Rinehart, Barborton, Ohio,' was what he gave me. I tried the powders according to directions with no results at all, then wrote him. My letter was returned marked 'Unknown.' I understand that they were headed for a German settlement in Midland county and wish to warn readers against them."

CANNOT USE MAILS

NO longer will companies advertising instruments guaranteed to locate gas, oil, diamonds, gold, silver or other buried treasure send you beautifully worded circulars nor will their enticing advertisements appear in newspapers and magazines because the postoffice department has forbid them the use of the mails. There are a few sci-

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, November 11, 1927
Total Number Claims Filed 3090
Amount Involved \$82,774.91
Total Number Claims Settled 2578
Amount Secured \$30,401.38

WE OFFER AND RECOMMEND WHEN, AS AND IF ISSUED

\$1,500,000

First Mortgage 6% Real Estate Bonds

Secured by

Book Tower Garage

Detroit, Mich.

A Building Detroit Needs!

BONDS are secured by a closed first mortgage on land owned in fee, and 12-story garage to be erected thereon. Location is the Northeast corner of State Street and Park Place, Detroit. This site adjoins the Northwest corner of Washington Boulevard and State Street.

Building is to be a 1,000 car garage of 12 stories and full basement, steel and concrete fireproof construction, with 8 stores on ground floor. This garage is the first unit of the 85-story Book Tower. Foundations and steel are designed to carry an additional 12 stories.

The total security is \$2,644,660, which makes the bond issue approximately 56% of the security.

The borrower is J. B. Book, Jr., owner of many valuable downtown Detroit properties and nationally known for his remarkable development of Washington Boulevard.

The location is probably the best in the city of Detroit for a structure of this type. Its proximity to large downtown buildings assures immediate occupancy. Within a radius of two blocks are a score of Detroit's largest office buildings and hotels. A location as central as this will probably never again be available for garage facilities.

The net yearly income of garage and stores is estimated at \$278,394.50, more than three times the greatest annual interest charge on the bond issue.

FEDERAL BOND & MORTGAGE CO.

Griswold at Clifford, Detroit, Mich.

"At the Head of Detroit's Wall Street"

1994

FEDERAL BOND & MORTGAGE CO.
Detroit, Michigan

M.B.F.

Please send me information regarding the Book Tower Garage issue.

Name _____ Address _____

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YOUR FARM PROPERTY

With Our Liberal Form Blanket Policy

Per \$1,000, Rodded
Class No. 1, "Gold
Seal"

RATE \$2.94

No Policy or Member-
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Only 10 assessments last 11 years, average cost \$2.42 per \$1,000—\$25,000 in reserve fund, drawing interest, saved by good management and Fire Prevention activities. We borrow no money—pay no interest. Losses fairly adjusted and promptly paid. We pay full insurance on buildings, and 100 per cent on live stock, poultry, hay, grain, produce, etc.

Assessments paid in advance. No dead beats to leave their share to be paid by other members. If inconvenient to pay

Agents Wanted.

now we will accept 60-day note, which may include Fire Extinguishers and Spark Arresters, if required.

"Gold Seal" Fire Extinguishers, guaranteed, delivered to our members prepaid for \$1. Chimney Spark Arresters at cost.

Send for our 32-page booklet on farm fire insurance. It's free.

References: National Bank of Commerce, Detroit; Department of Insurance, Lansing; Michigan Business Farmer, Mt. Clemens, or any one who knows us.

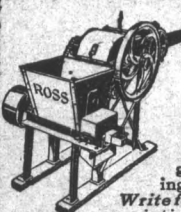
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PIONEER RESERVE MUTUAL FIRE INSURANCE COMPANY

Established 1917

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Greater Capacity—
Less Power—Slow
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tion or mill separately
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8758 Empire Building PITTSBURG, PA.

THE ADVERTISEMENTS are your guide to good things. Whatever you need, there is an advertisement in these pages that will take you to it—just the kind you want. When writing advertisers say you saw their ad in THE BUSINESS FARMER. You'll help us and help yourself.

DIGGIN' TATERS

By Anne Campbell

Diggin' taters! As I dig,
Figger this ain't jest the same
As the folks who made so big
In that 'ere prospectin' game.
'Tain't no gold I'm diggin' for,
An' I pull the taters out.
Then I think perhaps there's more
To this than I've thought about!

Up above the skies blue,
An' a sparrer chirps a song.
All the ground is wet with dew,
An' I'm here where I belong.
On the land where I was born,
Diggin' taters, whistling hard.
There's the wheat an' there's the corn;
There's the house, an' there's the yard.

There's the barn, chuck full of hay,
Waitin' for what harvest yields;
There's the crick, where bullheads play;
There's the oat an' buckwheat fields.
I kin see 'em as I bend
Diggin' taters, an' I see
All the diff'rent greens that blend
In the elm an' maple tree.

Maple trees an' elms an' oaks,
Orchards laden down with fruit!
Ain't this gold? Why, Holy Smokes,
Gold an' loveliness to boot!
Diggin' taters! Well, I'm glad
When these things my eyes behold
I am busy here, my lad,
Diggin' taters, 'stead of gold!

(Copyright, 1927.)

CHRISTMAS GIFT SUGGESTIONS
FOR THE FAMILY

IN a few more days Thanksgiving will be behind us, and we will be turning our attention toward Christmas. It may seem like rushing the season a little to be offering gift suggestions now, but a month, after all, is only a few short weeks and how quickly they can roll by when there is much to keep us busy. They will be a thing of the past before we know it, and we will still be wondering what we are going to give everyone. As a result, we will do a lot of last-minute planning, and our gifts will be lacking in personality. True Christmas giving does not need to be expensive giving; all it requires is a little thinking and planning on our part ahead of time. Most of the fun of Christmas lies in getting the right thing for the right person.

For this reason we are offering these suggestions below. You may not be able to use any of them, but at least it will turn your thoughts Christmas-ward and perhaps make you sit down and do some real, conscientious planning.

MOTHER: How many years has she struggled along with the same old hit-and-miss dinnerware, hardly two pieces alike? The sauce dishes fail to match the plates and the vegetable dish is badly cracked. There is a nick out of one side of the platter, and half the cups have their ears off. What a sad state of affairs, especially on company days! Wouldn't Mother just love a new set of dishes!

And they don't need to be expensive—far from it! Old fashioned blue and white ware is particularly lovely for the farm home, or a plain white pattern with a scalloped gold border. Several members of the family can club together to buy this gift of gifts for Mother if one can't finance it. One hint, though—always buy dishes from open stock, because, then, when a piece is broken, it can easily be replaced and the set kept intact.

Would Mother like a new dress? Well, what woman wouldn't! Or a pair of silk hose, or galoshes for the cold and wet months of winter. Look around her kitchen and see what she needs to make her work easier. A waterless cooker is the pride of every woman's heart who owns one. A handmade tea wagon to carry dishes and food from the kitchen to the dining room and vice versa would save her loads of steps. Pretty glassware is a gift that few housewives can resist. Goblets, salad plates, and sherbet glasses are made in such lovely shades of rose, amber, green and blue that they are sure to be welcome in any home.

FATHER: What to give good old Dad is sometimes a perplexing problem. Most men get their quota of ties and socks every Christmas, and they are always useful gifts, but, bless them, how they must grow tired of the eternal sameness. Perhaps, that is why they don't become so enthusiastic about Christmas as we womenfolk do. Have you thought about a radio for the head of the



THE FARM HOME

A DEPARTMENT FOR WOMEN
Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: This department was created especially for the woman on the farm, to help her in her job as home-maker promote comfort, efficiency, health and good cheer, each under her roof tree. The farmer brings his line fence disputes, his livestock problems, his questions on farming in general to us for advice, and we are happy when we can be of assistance. But we are just as anxious to aid the farmer's wife, and we want to encourage her to bring her problems to us likewise.

Now that the cold is holding us indoors more and more to group cozily around the winter's fire of an evening, we are becoming more conscious of our home surroundings. During the spring, summer, and fall, there was so much to occupy us that we didn't have time to think about them, but now we are looking around our rooms with new vision and taking in all the details, the good and the bad alike.

How many miles do you walk a day getting meals in your kitchen? Wouldn't you like to know how to re-arrange your equipment so as to lessen your work? Is your living room really livable? (By livableness, I mean comfort and cheerfulness, not elaborate and expensive furnishings.) Have you learned the trick of applying a coat of paint to an old chair or table to make it look young and gay again? Would you like to know what color combinations to use in redecorating daughter's room? Do you know what to do to old arm chairs when the upholstery is worn out and you can't afford new?

These and scores of other similar problems must be confronting you. If you will bring them to us, we will try our level best to help you solve them. It is our sincere purpose to be of service to you in every way that we can.

This is your department
and we want you to make
use of it.

*Your Friend,
Mrs. Annie Taylor*

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

household? Think how he would enjoy sitting down after supper listening to music from Detroit, Chicago, or Grand Rapids, getting up-to-the-minute market reports, and on Sundays when it is too cold to go to church, hearing a good sermon right at home. It is a good way to keep in touch with the world and abreast of the times, not only for Dad but the entire family.

When he comes in chilly and maybe a little wet, too, from doing the evening chores, it would be very pleasant for him to be able to slip into a pair of cozy house slippers. A smoking stand to place near his favorite chair is a gift that would give him unlimited satisfaction. Or, if he hasn't a comfortable chair all his own, there is no question but what he would welcome one. Fleece-lined gloves will keep his hands warm on the long drives to town, or a new pipe would be a comfort to him.

DAUGHTER: Pajamas are so popular nowadays, that if Mother or older sister is wondering what to give the young miss she should immediately snatch at this suggestion. Every girl in her teens craves them. And they are especially attractive when they are made of contrasting material. The pajamas may have for the trousers plain robin's-egg blue outing flannel or sateen and for the top an all-over floral design in flannel or sateen in which there is some blue. Or the trousers may be black and the top a bright red with perhaps a black bird appliqued on the pocket or front of the blouse. Pretty pajamas may also be made of contrasting colors in cotton crepe.

A string of the popular choker beads in crystal, amber, or blue would make big sister feel very dressed up. Also, a pair of washable gloves, in chambray or suede-finish material, are very practical as well as being quite in fashion.

For the younger daughter, from 6

to 12 years, we recommend a warm and woolly bath robe. Imagine it made up in a lovely shade of blue flannel (heavy weight), or bright turkey red! It also would be very smart and good looking in striped material.

Sweaters, leather jackets, bedroom slippers, books, boxes of paints and drawing books are extremely welcome gifts for the youngsters.

SON: A fleece-lined leather jacket or sheepskin-lined reefer will be appreciated by the younger masculine members of the family. A pair of ice-skates or a toboggan slide is always greeted with loud cheers, too. For the boy who is just beginning to shave, a safety razor would make him beam with joy. Of course, warm gloves, socks, and scarfs are always in demand.

For the older son, a silk scarf for dress-up occasions would make a very nice gift, or a pair of suede or pigskin dress gloves. Some of the new leather bill folds are very good looking and are quite inexpensive.

FRIENDS: Why not make your friend's family members of the vast M. B. F. family as a Christmas gift, if they are not already? For one's feminine neighbors, gay aprons are always acceptable gifts, as are likewise linen crash dish towels. The new wool bouquets are easy to make and add a pretty note of color to a coat or dress. (If you want instructions how to make these flowers we will be glad to send them to you.)

For the family in general, subscriptions to good magazines and papers provide much pleasure. Every farm home should take a daily paper to keep up with the news, a county weekly to know what's going on in its community, a good farm paper, such as the M. B. F. aims to be, The American, perhaps, which is of interest to everyone but is more masculine in its tendencies, and The Woman's Home Companion or The Ladies' Home Journal for the women.

Mrs. Dunbar Has Some Remodeling Done

MANY of the houses built some years ago have a large pantry opening from the dining room or living room, a most impossible arrangement when the cooking is done in the kitchen, perhaps on the opposite side of the dining room from the pantry; such was the condition in Mrs. Clayton Dunbar's home in Wexford county, and in the following letter she will tell you how she arranged the plan to much better advantage.

Mrs. Dunbar told us about remodeling the wood shed to make a laundry room which was very good, then follows with: "Another convenience I have found was to change a pantry

off the dining room into a clothes room as the pantry was too far away from the kitchen.

"There were two long shelves of plain material also stained and varnished. They are about six feet from the floor. I have placed hooks in under these shelves in rows to hang the children's clothing on as I iron them. I sew a piece of tape on the neck band or on each shoulder seam so they slip over the hooks and hang nice and straight, then on one side I placed a strip of board with large coat hooks for coats, etc."

The shelves make a splendid place to store the quilts and blankets as well as the other household linens.

Personal Column

Cream Puffs.—I would like to have one of the readers of THE M. B. F. send me or have printed in THE M. B. F. a recipe for cream puffs.—Mrs. C. H., Chelsea, Michigan.

—I am happy to supply you with the following recipe for cream puffs: 1 cup boiling water, ½ cup shortening, 1 cup flour, ¼ teaspoonful salt, 3 eggs, 2 teaspoons baking powder. Heat water and shortening in saucepan until it boils up well; add all at once flour sifted with salt and stir vigorously. Remove from fire as soon as mixed, cool, and mix in unbeaten eggs, one at a time; add baking powder; mix and drop by spoonfuls 1½ inches apart on greased tin; shape into circular form with wet spoon. Bake about 25 minutes in hot oven. Cut with sharp knife near base to admit filling.

Cream Filling.—1 cup sugar, one-third cup corn starch, one-third teaspoon salt, 1 egg, 2 cups scalded milk, 1 teaspoon vanilla extract. Mix dry ingredients; add slightly beaten egg and stir into this gradually the scalded milk. Cook about 15 minutes in double boiler, stirring constantly until thickened. Cool slightly and flavor. Sweetened whipped cream may be used instead of this filling.—Mrs. A. T.

Let's Have This One.—I would like to get the song, "But I'll Get There Just the Same."—Mrs. R., White Cloud, Mich.

Have You Any Of These?—Can you send me the words to the following songs: "A Dream," "For You Alone," "Love Is Mine," "Parted," "Love Me or Not," "Dreams of Long Ago," "Forever or Not At All," "Golden Gate," "Broken Blossoms."—B. K., Wellston, Mich.

Modern Day Songs.—Will someone please send me the words to the following songs: "Mary Lou," "Nickety, Nackety," "I'm Looking Over a Four Leaf Clover," "Let Me Call You Sweetheart," "Show Me the Way to Go Home." Thank you very much for your trouble.—M. L., Gagetown, Mich.

—if you are well bred!

Introductions.—May I ask your advice? A second cousin is coming to spend Thanksgiving week end with us, and while she is here she'll be meeting quite a few of our people. Now we want to get the low-down on the proper way to make an introduction before she comes. She's never been to visit us before and we want to do things right.—E. M., Kent County.

—The general rule is that younger women are presented to older women and unmarried women to married women, as for example:

"Mrs. Brown, may I present my cousin, Miss Gray?"

Men are usually presented to women, unless the man is very, very much older than the woman, as: "Miss Gray—Mr. Brown."

Among people you know very well, an informal introduction is always best, such as:

"Irene, may I present Mr. Boyd? Harry, this is my cousin, Irene Gray." Among young unmarried women of the same age, this form of introduction is good:

"Irene, I'd like to have you know Ruth Hunt. Ruth, this is my cousin, Irene Gray."

Recipes

MORE THANKSGIVING MENUS

For those who are planning not to have the traditional turkey dinner we offer the following menus:

I.
Cream of tomato soup; chicken pie with cranberry sauce; mashed potatoes; turnips; apple salad; steamed graham pudding with hard sauce; coffee.

II.
Grapefruit cocktail; roast pork with sage dressing; apple and cranberry sauce; sweet potatoes, Southern style; string beans; cabbage and pepper salad; custard pie; coffee.

III.
Rabbit fricassee; candied sweet potatoes; Brussels sprouts; pineapple and celery salad; pumpkin pie; coffee.

Recipes for the unusual dishes in this group may be found in this department.

Apple Salad.—1 qt. chopped apples; 1 pt. diced celery; nuts as desired. Mix mayonnaise dressing with fruit; chill, and serve on lettuce.

Steamed Graham Pudding.—½ cup molasses; ½ cup milk; 1 egg; ¼ cup butter; 1½ cups graham flour; ½ teaspoon soda; 1 teaspoon salt; 1 cup stoned and chopped dates. Melt butter, add molasses, milk, egg well beaten, dry ingredients mixed and sifted, and dates; turn into buttered mold, cover, and steam for 2½ hours. Serve with hard sauce.

Hard Sauce.—4 tablespoons sugar; ½ teaspoon salt; ½ cup butter; ¼ teaspoon vanilla. Beat butter with sugar to a cream; add salt and vanilla; chill.

Grapefruit Cocktail.—Cut a grapefruit in halves, remove the membrane and

The Best Cough Syrup is Home Made

Here's an easy way to save \$2. and yet have best cough medicine you ever tried.

You've probably heard of this famous home-made cough syrup. But have you ever used it? Thousands of families feel that they could hardly keep house without it. It's simple and cheap, but the way it takes hold of a cough will soon earn it a permanent place in your home.

Into a pint bottle, pour 2½ ounces of Pinex; then add plain granulated sugar syrup to fill up the pint. Or, if desired, use clarified honey, instead of sugar syrup. It tastes good, never spoils, and gives you a full pint of better cough remedy than you could buy ready-made for three times its cost.

It is really wonderful how quickly this home-made remedy conquers a cough—usually in 24 hours or less. It seems to penetrate through every air passage, loosens a dry, hoarse or tight cough, lifts the phlegm, heals the membranes, and gives almost immediate relief. Splendid for throat tickle, hoarseness, bronchitis and bronchial asthma.

Pinex is a highly concentrated compound of genuine Norway pine extract and palatable guaiacol, which has been used for generations for throat and chest ailments.

To avoid disappointment, ask your druggist for "2½ ounces of Pinex" with directions. Guaranteed to give absolute satisfaction or money promptly refunded. The Pinex Co., Ft. Wayne, Ind.

PINEX

for Coughs

Dress Well and Warm with

Indera
FIGURFIT

KNIT SLIPS



6 DEGREES above or 6 degrees below—it makes no difference to the woman who wears an Indera Knit Princess Slip.

An Indera Slip makes the coldest day pleasantly comfortable. Yet it never betrays its presence by slipping off the shoulder, by crawling up around the hips, by bunching at the knees. The patented knit border and STA-UP shoulder straps look after that. Every Indera Slip fits perfectly.

Ask your dealer to show you Indera Slips—and undershirts. They come in a wide variety of weights and fast colors, all moderately priced.

For women, misses and children

Note: There's nothing "Just as good as Indera." If your dealer can't supply you, write us direct. Folder in colors, showing garments, sent FREE.

INDERA MILLS COMPANY
Winston-Salem, N. C.

Stops Colds



Wardoff Grippe—Flu

Because it does four things in one, HILL'S Cascara-Bromide-Quinine knocks a cold in one day. A couple of HILL'S tablets tonight means cold gone tomorrow. Safety demands HILL'S.

HILL'S Cascara-Bromide-Quinine

Be sure you get HILL'S in the red box with portrait. At all druggists—30c.

save 1/3 to 1/2



New FREE book quotes Reduced Factory Prices. 5-Year Guarantee Bond on Stoves, Ranges, Furnaces. 200 styles and sizes. Beautiful porcelain enamel ranges and combination gas and coal ranges. Mahogany porcelain enamel heating stoves. Cash or easy terms. 24-hr. shipments. 30-day free trial. 360-day test. Satisfaction guaranteed. 26 years in business. 650,000 customers. Write today for FREE book.
Kalamazoo Stove Co.
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\$49.95 up "A Kalamazoo Direct to You"

serve garnished in the center with a spoonful of grape jelly or maraschino cherry.

Apple and Cranberry Sauce.—Pare small apples, cut in half and core. Put in saucepan 1 cup water, add one-third cup sugar and 2 cloves. Bring to a boiling point, color red, add apples, cover and cook until soft. Put each half apple in a small cup and pour strained cranberry sauce around the apples. Serve when firm.

Sweet Potatoes, Southern Style.—Bake sweet potatoes until thoroughly done. Remove from oven and cut in halves lengthwise; remove potato from skins carefully, so as to keep skins in condition to refill. Mash potato, adding sufficient butter and cream to moisten. Season with salt and pepper. Refill skins, brush tops with butter, and brown five minutes in hot oven.

Cabbage and Pepper Salad.—Mix 2 qts. shredded cabbage, 1 green sweet pepper chopped fine and 1 red sweet pepper chopped fine. Pour over the mixture a cream dressing made as follows: Put 5 tablespoons sugar in a cup, add 4 tablespoons vinegar and fill the cup with sour cream. Stir together.

Rabbit Fricassee.—The rabbit should be skinned and drawn, washed thoroughly, and dried with a cloth. Cut into pieces of the right size to serve and roll in flour which has been seasoned with salt and pepper. Into a heavy skillet heated very hot, put 2 tablespoons fat. Brown the rabbit in the hot fat, add 1½ cups boiling water, cover, and let it simmer until tender.

Candied Sweet Potatoes.—12 sweet potatoes, 1 cup boiling water, brown sugar, ¼ cup butter, salt, pepper, and powdered cinnamon. Pare and parboil potatoes, cut in halves, boil 10 minutes, drain, lay in greased baking dish. Spread with butter, sprinkle with brown sugar, salt, pepper, and powdered cinnamon, pour in boiling water and cook until tender. Baste often with sauce in pan while cooking. The cinnamon may be omitted.

Mock Goose.—Wipe eight to ten pound leg of pork with a damp cloth. Place on rack in roaster; add one cup water. Cover roaster and roast one hour in a 375° F. or moderate oven. Then remove skin by making an incision in skin, cutting through to end of shank. Grasp skin at cut end, using cloth or fork and with one quick jerk, remove entire skin in one piece. Rub fat with ½ teaspoon dried mustard, sprinkle with powdered sage, pepper, salt, bread crumbs and finely minced onion and green pepper. Dust lightly with brown sugar. Return to oven and continue baking, increasing fire to 375° F. Baste frequently, allowing twenty to twenty-five minutes to pound. An eight pound roast will require about three hours to roast. Serve with gooseberry jam or tart apple sauce.

Favorite Songs

LITTLE JOE

While strolling one night through New York's gay throng,
I met a poor boy; he was singing a song.
Although he was singing, he wanted for bread,
Although he was smiling he wished himself dead.
I looked on this poor boy out in the snow,
He had no home to shelter him, no place to go.
No mother to guide him (in the grave she lay low).
Cast on the cold streets was poor little Joe.

Chorus:

Cold blew the blast, down came the snow;
He had no home to shelter him, no place to go,
No mother to guide him (in the grave she lay low).
Cast on the cold streets was poor little Joe.

A carriage passed by with a lady inside;
I looked on poor Joe's face and saw that he cried,
He followed the carriage; she not even smiled,
But fondly caressed her own darling child.
I looked on this wail and I thought it was odd—
Was this poor ragged urchin forgotten by God?
And I saw by the lamplight that shone on the snow,
The pale deadly features of poor little Joe.

Chorus:

The lights had gone out, the clock had struck one—
Along came a policeman whose duty was done,
You could tell by the sound of his dull, heavy tread,
You would think he was sinking the graves of the dead.
"Oh, what is this?" the policeman, he said,
It was poor little Joe—on the ground he lay dead.
With his eyes turned to heaven, covered with snow,
Cast on the cold streets was poor little Joe.

WOMEN'S EXCHANGE

If you have something to exchange, we will print it FREE under this heading providing: First—it appeals to women and is a bonifide exchange, no cash involved. Second—it will go in three lines. Third—you are a paid-up subscriber to The Business Farmer and attach your address label from a recent issue to prove it. Exchange offers will be numbered and inserted in the order received as we have room.
—MRS. ANNIE TAYLOR, Editor.

155.—Two nicely pieced quilt tops for one pair spring hatched turkeys.—Mrs. Vern Krull, Brant, Mich.

SEND NAME

Will the woman from Columbiaville who ordered child's coat pattern No. 5930, size 4, on October 28th, please send us her name? Promptly upon receipt of this information we will be glad to forward the pattern.

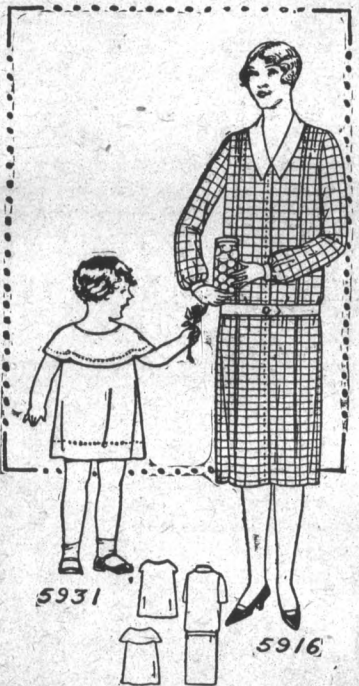
Aids to Good Dressing

BE SURE TO GIVE SIZE



5938.—Ladies' Dress.—Cut in 5 sizes: 34, 36, 38, 40, and 42 inches bust measure. A 38 inch size requires 3½ yards of 40 inch contrasting material as illustrated will require ¾ yard 27 inches wide.

5955.—Child's Dress.—Cut in 4 sizes: 4, 6, 8 and 10 years. A 10 year size requires 2½ yards of 40 inch material together with ¾ yard of contrasting material.



5931.—Child's Dress.—Cut in 5 sizes: 1, 2, 3, 4 and 5 years. A 4 year size requires 2 yards of 27 inch material if made with the berth. If made without the berth 1½ yards is required.

5916.—Ladies' Morning Frock.—Cut in 8 sizes: 38, 40, 42, 44, 46, 48, 50 and 52 inches bust measure. A 44 inch size requires 4½ yards of 36 inch material together with ¾ yard of contrasting material, if made with long sleeves. If made with short sleeves 3¾ yards of material will be required. The width of the dress at the lower edge is 1½ yards.

**ALL PATTERNS 13c EACH—
2 FOR 25c POSTPAID**

ADD 10c FOR FALL AND WINTER
1927-28 FASHION BOOK

Order from this or former issues of The Business Farmer, giving number and sign your name and address plainly.

Address all orders for patterns to
Pattern Department
THE BUSINESS FARMER
Mt. Clemens, Mich.



DEMAND BAYER ASPIRIN

The whole world knows Aspirin as an effective antidote for pain. But it's just as important to know that there is only one genuine Bayer Aspirin. The name Bayer is on every tablet, and on the box. If it says Bayer, it's genuine; and if it doesn't, it is not! Headaches are dispelled by Bayer Aspirin. So are colds, and the pain that goes with them; even neuralgia, neuritis, and rheumatism promptly relieved. Get Bayer—at any drugstore—with proven directions.

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it does NOT affect the heart

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Mothers—Try Mild Children's Musterole

Just Rub
Away Pain

Of course, you know good old Musterole; how quickly, how easily it relieves chest colds, sore throat, rheumatic and neuralgic pain, sore joints, muscles, stiff neck and lumbago.

We also want you to know CHILDREN'S MUSTEROLE—Musterole in milder form. Unexcelled for relief of croupy coughs and colds; it penetrates, soothes and relieves without the blister of the old-fashioned mustard plaster. Keep a jar handy. It comes ready to apply instantly, without fuss or bother.



CHILDREN'S
MUSTEROLE
WILL NOT BLISTER

BETTER THAN A MUSTARD PLASTER

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FURS

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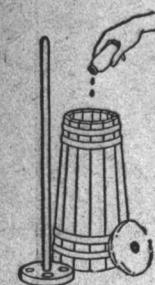
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By Using

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Soap to Cleanse
Ointment to Heal
Try our new Shaving Stick.

Butter Must Look Good... Be Appetising

"Dandelion Butter Color" gives Winter Butter that Golden June Shade



Just add one-half teaspoonful to each gallon of cream before churning and out of your churn comes butter of Golden June shade. "Dandelion Butter Color" is purely vegetable, harmless, and meets all State and National food laws. Used for years by all large creameries. Doesn't color buttermilk. Absolutely tasteless. Large bottles cost only 35 cents at drug or grocery stores. Write for FREE SAMPLE BOTTLE. Well & Richardson Co., Inc., Burlington, Vermont.

Used by 5,000,000 Farm Folks -

First Choice with Five Million Farm Folks the country over since 1878. Keeps head, hands and bodies clean. Its plentiful lather soothes and heals, banishes odors. A wonderful shampoo. At your Dealers', or send 10c for large, full-size cake.

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Dept. MB-112 Dayton, Ohio

GRANDPA'S WONDER PINE TAR SOAP



PROTECTS RESISTANCE

Children and grown people need to fortify their strength to prevent disastrous coughs and colds.

SCOTT'S EMULSION

rich in cod-liver oil vitamins, builds strength, provides energy, and protects your resistance. Take Scott's Emulsion regularly after meals during the Winter.

Scott & Bowne, Bloomfield, N. J.

27-44

Asthmas Left and Never Returned

Got Entirely Rid of the Disease After Suffering 17 Years.

Asthma sufferers will be deeply interested in a letter recently written by Mrs. Mary Bean, Nashua, Iowa. She says: "I had asthma 17 years, coughed most of the time and couldn't rest, day or night. I tried everything, but grew so weak I could hardly walk across the room. After taking part of one bottle of Nacor, I could do most of my housework. That was 8 years ago. I recovered completely, as still feeling fine, with no signs of asthma."

Hundreds of other sufferers from asthma, bronchitis and severe chronic coughs have reported their recovery, after years of affliction. Their letters and a booklet full of valuable information about these stubborn diseases, will be sent free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how serious your case seems, write for this free booklet today. It may give your whole life a new meaning.—(Adv.)

KILL THE RATS

and MICE with RADICAL-CURE, scientific, non-poisonous, harmless to domestic animals and fowls, leaves no odor. 1 package (20 baits) 75c, 3 for \$2.00. GENUINE INSECT POWDER, the very best for ROACHES—LICE—FLIES—14 oz. can \$1.00. Satisfaction guaranteed or money back.

E. A. NEUBERT
2046 N. Halsted Chicago, Ill.

The Children's Hour

Motto: DO YOUR BEST
Colors: BLUE AND GOLD

DEAR boys and girls: When I announced our last contest in the October 22nd issue, which was to suggest a title for a picture that appeared on Our Page, I was inclined to think that you might not care for this kind of a contest but your response soon erased from my mind any doubt about its popularity. You liked it fine and suggested some very good titles. In fact there were so many of them and they were so good that the judges had quite a time trying to pick the prize winners. After considerable judging



OUR PRESIDENT

Of course, all of you have wondered how our President looked, so you will welcome this picture of her with her two brothers. To those who do not remember the name of our President I will say that this is Mildred Darby, of Bay City, and her brothers.

and comparing, and then more judging and more comparing, an agreement was reached.

"Unbrotherly Love" won first place and was suggested by Lela Lamphere, R. 1, Gobles, who received a manicuring set as a prize. Lela sent in six titles and her fifth choice was the judges' first. Second prize, a pearl handled jackknife, went to Dale Miller, of Howell, for suggesting "Two Blushing Faces and a Smiling One." Dale offered three titles. Matilda Hunter, of Gaylord, sent in ten suggestions, one of which was "O. I. C. U.," the third prize winning title. She received a pretty bottle of toilet water.

The first ten to send in titles received pins and pledge cards and were as follows: James Kelly, R. 3, Coopersville; Dorothy Neumann, Glennie; Maurice Styles, R. 6, Eaton Rapids; Edna Reed, R. 7, Clare; Ella Bartley, R. 1, Erie; Ray Plokmeyer, R. 3, Grant; Leona Hecksteadt, R. 1, Holloway; Nona Mae Welbaum, Gallen; Henrietta Vanderkoog, Jenison, Mich., and Nora Hann of Franklinville, N. Y.

So we end one contest and come to another. This time we are going back to an old favorite—a story writing contest—something we have not had for many a month. There are so many good story writers among the farm boys and girls that it is a shame we do not have contests of this kind oftener, but there are so many different kinds to try out that we almost forgot some that we want to repeat.

This is to be a Christmas story contest. It begins at once and ends December 3rd so that the prize winning stories can appear in our issue of December 17th. Try not to make your stories more than about six or seven hundred words long so that we can publish the three, as there is to be that number of prize winners, all in the one issue. These three awards will be more "Mystery Prizes" and you can consider them Christmas presents if you like.—UNCLE NED.

Our Boys and Girls

Dear Uncle Ned.—Elsie was in the habit of chewing gum in school. One day she was chewing her gum, and she had her feet out in the aisle, quite far. The teacher said: "Elsie, take that gum out of

your mouth, and put your feet in." Ha, ha! Did that ever happen to you? Well, I hope Mr. Wastebasket has the lockjaw so he cannot gobble my letter up. Your want-to-be niece, Ruth Weinberg, Vicksburg, Mich.

—No, I never had to take my gum out of my mouth and put my feet in when I went to school. Did you? Seems like that would be a good way to stop whispering. What do you think?

Dear Uncle Ned.—As you've never said how old or young the child must be to join your club, I thought there might be room for me, as my family all say I'll never grow up.

I haven't any brothers and only one sister. She lives so far away I can't bother her much, so I just took the notion to write you.

Do you answer personal questions about yourself? I'd like to know something awfully well. Are you married and have you a lot of children, some of them about fifteen or sixteen year old? I just know you have.

Anyway I want to tell you how glad I am you're an uncle and not an aunt. Just between ourselves I'd like to trade my six aunts for one good second hand uncle.

I suppose it's the rule to speak a little about yourself, and it must be little for there isn't much to tell. I have a family



MISS EVELYN HUFF

Evelyn Huff, who lives near Kissisnoe, is one of the cousins and a regular reader of our department. She is sixteen years old and has been sister fourteen times and aunt fifteen times.

that live in the same house with me, and I have two pets, a fuzzy dog and a yellow canary.

And I did have fun Halloween. You had ought to have seen me.

Now, Uncle Ned, I just hope this letter reaches you safely and that you'll appreciate my first effort. Your niece.—Gertie DeGraw, 9417 Woodlawn Ave, Detroit, Mich.

As Gertie fails to tell us her age we will have to guess at it. Perhaps it is fifteen or sixteen as she seems to be most interested in children of that age. And she asks a question about my family, but she answers it also, so there is nothing left for me to say. I, too, am glad that I am an uncle instead of an aunt, because I believe a man does not make a good aunt. What do you girls and boys think?

I am sure our new city friend would like to hear from the country members of our jolly department and will gladly answer all letters she receives. No doubt she will write you about the things she sees in Detroit that she knows you would find interesting. Send her a letter and see.

Dear Uncle Ned.—It has been about two years since I wrote to you the last time, but I read the letters in the Children's hour every time.

I am writing this between classes in school, so haven't much time. My favorite hobbies outside of school hours are basket-weaving and flower making. I made over a dozen flower baskets in the last couple of weeks. Your niece.—Vera Eicher, Elkton, Mich.

—What? This is your first letter in two years? Young lady, I am surprised at you. I thought you were a better friend to me than that. Write again within the next two years and tell us about your basket-weaving.

Dear Uncle Ned.—Perhaps I'm too late and won't win a prize, but now is a chance to write and join your merry circle. My name is Edward, but everybody at home calls me "Babe," and that makes me so mad, because I think I'm a real man. I even plow and go fishing with Daddy. I'm eight years old, and am in the 4th grade. Please let me hear from you Uncle Ned. As I am awfully interested in your club and will write to you real often. Love to you and the rest of the little children. Good-bye.—Edward Bukoske, Route 1, Standish, Mich.

—So you do not like being the youngest in the family. Well, Edward, you know someone must be the youngest. Come again.

A Game to Play

WATER AND CRACKER RACE

PLACE an ordinary tumbler filled with water on a table, and at the opposite side a plain soda cracker. Select two persons and seat one in front of the tumbler and the other in front of the cracker. Give the one who is to drink the water a teaspoon, and let him try to drink the water with a spoon; one spoonful at a time, before the other can eat the cracker, who can have nothing to drink meanwhile.

The Club Boy's Trip To the Dairy Show

THIS spring when I started 4-H Dairy Calf Club work in the Macomb County Dairy Calf Club No. 1, I did not know whether I would continue all the year with the work or not. I knew that if I did continue, it would mean a lot of hard work fitting my calf for the show, being in the judging work and taking part in club activities. At one of our first meetings, a surprise came when Mr. McWilliams of the Detroit Creamery Farms, representing the Rotary Club, announced that the all-around county calf club champion would receive a trip to the National Dairy Exposition at Memphis, Tenn. This gave all the boys ambition to carry on the work all the year. I worked hard myself all the year, exhibiting my calf at both the County and State Fair. I also took part in the judging work at both fairs. At the close of the season, I gave my Dairy Calf Club Record book to Mr. Murphy the County Agent, who forwarded it to Mr. Pearson, the State Dairy Calf Club Leader, for examination. In that report, I had an accurate record of all feeds and other expenses, and a story of the club work. After Mr. Pearson had graded the reports, he conferred with Mr. Murphy, Mr. McWilliams and Mr. Little, the local leaders, regarding who should be chosen county champion. After a short time, I was very glad to hear that I was the county champion and was therefore going to the National Dairy Exposition.

I left East Lansing by motor on October 19th, with the members of the 4-H Club Judging team from Michigan and a few other county champions. The first place we visited was Lakewood Farm at Battle

Creek where the judging team placed a class of cows for practice, before the judging at the National Dairy Show. All of us boys went over to look at the only living sire having one hundred or more A. R. daughters, Maplecrest Korndyke Hengerveld. We passed Camp Custer and the next place of interest we visited was Notre Dame University near South Bend, Indiana. After taking a drive about the campus, we went out to a farm near South Bend, where the members of the judging team placed a few more classes of dairy cattle. We also took a drive over to Culver Military Academy, where we stopped and took a look at the spacious riding hall and looked at the fine black horses. We passed the famous Tippecanoe Indian battleground. The judging team placed a few classes of cows at Purdue University. After taking a walk about the campus, we visited the Boys' and Girls' Club offices of the state of Indiana. We next went to the University of Illinois where the judging team placed their last classes of cows preparatory to the National. The director of athletics invited us to take a shower, which we did, and could have received complimentary tickets to the foot ball game Saturday afternoon, October 20th, but our time was limited as we wanted to arrive at the National on Sunday evening.

One of the most interesting incidents of our entire journey was crossing the Mississippi River. After traveling a short distance down the Mississippi, one can look ahead and see three states at once. From here on down to Memphis, we saw many fields of cotton, sweet potatoes and

(Continued on page 20)



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Mt. Clemens :: Michigan

Crop Reports

Hillsdale.—Corn husking is being done largely by hogs and cattle. Some who have no fences are husking in the good old-fashioned way—you know how that is. Very little shredding is or will be done. Wheat looks fine. Farmers are sad when hog prices are mentioned. Very few auctions for November. Apples are selling fine at \$1.50 to \$2.00 per bu.—L. W. M., Nov. 10.

Monroe.—Weather has been fine. Fall work about done. Little harm here from corn borer. Wheat and rye sowed in good season; looks well. Potato prices vary somewhat. Outlook for good prices later, fair. Quotations at Petersburg: Barley, \$1.50 bu.; buckwheat, \$1.55 bu.; wheat, \$1.26 bu.; corn No. 2 yellow, \$1.00 bu.; oats, 46c bu.; rye, 95c bu.; potatoes, \$1.00@1.25 bu.; butter, not quoted; eggs, 46@50c doz.—F. H., Nov. 8.

E. Huron.—Heavy frost on the 6th. Some snow. Crops all safe in fields. Some potatoes touched in stored piles. Fall plowing well done, getting hard on clay. Beets about cleaned up. A few cars of potatoes loaded from stock piles at 75c per bu. f. o. b. Stock cattle very scarce, dairy type predominant. Auction sales billed ahead for a month. Much moving by short term renters. Houses sell cheap. Cows high. Farmers are losing capital gradually as machinery deteriorates. Beans, \$5.05 cwt.; milk, \$2.00 net.—E. R., Nov. 9.

West Lenawee.—Husking corn, plowing, getting wood, building—the order of the day. A lot of new poultry houses being built. Some repairing being done. Corn huskers busy. New corn being sold. Weather has been fine this fall. Rains needed. Hunters going north. Quotations at Cadmus: Wheat, \$1.23 bu.; oats, 42@47c bu.; butter, 51c lb.; eggs, 50@53c doz.—C. B., Nov. 10.

Genesee.—Considerable cold weather the past few days, with snow flurries. The sudden dropping of the temperature caused the freezing of many car radiators. Some corn is being husked. Buckwheat threshing nearly all done. A few farmers have opened their silos and have started feeding silage since pasture has been injured. Some pheasants left after the open season on them. Quotations at Flint: Wheat, \$1.21 bu.; corn, 90c bu.; oats, 49c bu.; rye, 85c bu.; beans, \$5.00 cwt.; potatoes, \$2.20 bu.; butter, 49c lb.; eggs, 48c doz.—H. E. S., Nov. 18.

Hillsdale (N. W.).—Having typical November weather—dark, dreary days with cold raw winds. Have not had a killing frost yet, but ground has frozen and we have had our first snow storm. Some farmers through husking; others just starting. More fall plowing done than for a number of years.—C. H., Nov. 10.

Saginaw (S. E.).—Several hard freezes Nov. 6th and 7th with several inches of snow. Corn husking in full swing. A lot of fall plowing done in this section. Wheat in fine shape for winter, with a good growth. Some auction sales held, cows bringing around \$125.00. Tuberculin testing in county in full swing. Some farmers losing nearly their whole herds. Quotations at Birch Run: Wheat, \$1.20 bu.; corn, 90c bu.; oats, 47c bu.; rye, 90c bu.; beans, \$5.00 cwt.; potatoes, \$1.25 cwt.; butter 50c lb.; eggs, 48c doz.—E. C. M., Nov. 11.

Saginaw (N. W.).—Weather fine, had some snow but is all gone. Farmers shredding corn and ploughing, not much being done, too dry. Some fields of corn is yielding as high as 150 bu. of ears to the acre and some fields not worth husking. Beans is all hulled, not any going to market. Hens are not laying very good. Sugar beets about all hauled, not a very large acreage here this year. Quotations at Hemlock: Wheat, \$1.20 bu.; corn 80c bu.; oats, 47c bu.; rye, 85c bu.; beans, \$5.00 cwt.; potatoes, \$1.25 cwt.; butter, 47c lb.; eggs 50c doz.—F. D., Nov. 11.

St. Joseph.—Farmers are very busy husking corn. Most of the shredders are at work. Corn crop is much better than expected and is a good crop. Wheat looks very good, some report fly in wheat. Lots of live stock going to market. Hired help is scarce. Auction sales are numerous. Quite a few farms are being sold.—A. J. Y., Nov. 10.

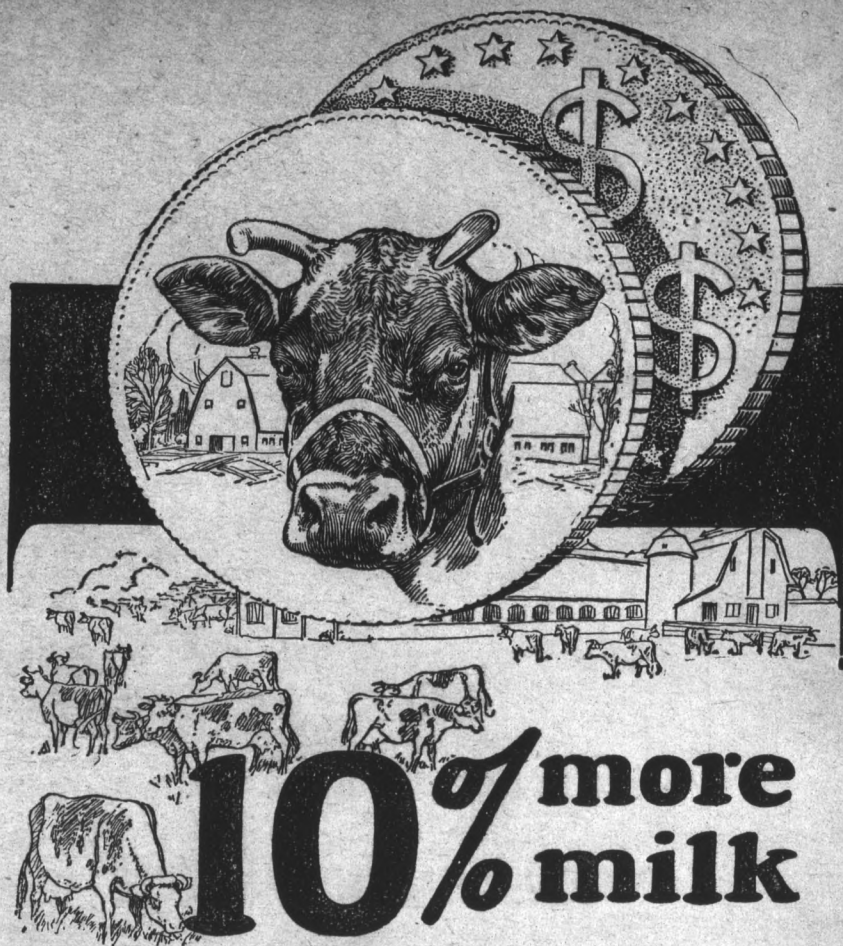
Our Book Review

(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.)

What Can a Man Believe.—By Bruce Barton, well known writer and business man. If you have read "The Man Nobody Knows" you will be anxious to get ahold of a copy of Mr. Barton's latest book in which he tries to answer in a modern way many questions regarding religion asked by the public of today. Published by Bobbs-Merrill and retails at \$2.50.

Start keeping farm records this winter when work is slack. You may be too busy to start next spring.

The farm wagon is the most used piece of farm equipment. When its length of life is considered it is one of the cheapest.



10% more milk

Doubles your profit

Noted dairy experts say that in the average herd one-tenth more milk will double the net profit. It costs no more, for instance, to house, feed and care for a good milker than a poor milker. After actual expenses are met every quart of milk is net profit. What other effort on the farm will pay you so handsomely as intensive milk-production?

Let Kow-Kare work for you this winter. Use it—as thousands of other money-making dairies are doing—to systematically regulate and condition your cows so that they are able to turn their food into big milk yields. A few cents per month per cow pays for all the Kow-Kare needed—a mere fraction of your certain returns.

For cows about to freshen, give a tablespoonful of Kow-Kare at feedings for two or three weeks before and after calving. It builds vigor to stand the strain of calf-birth, and to resist disease.

Barrenness, Retained Afterbirth, Abortion, Bunches, Scours, Lost Appetite, etc., are all successfully treated with Kow-Kare. Full directions on each can. Feed dealers, general stores and druggists have Kow-Kare. Large size \$1.25; 6 cans for \$6.25. Small size 65c. Send for booklet, "More Milk from the Cows You Have."

Dairy Association Co., Inc.
Lyndonville, Vermont

KOW-KARE

Regulates and Conditions

Home-Mix Your Own COMPLETE MINERAL

With Kow-Kare you can easily mix your own complete mineral at a surprisingly low cost—a mixture of recognized conditioning value. Simply mix 30 lbs. salt, 30 lbs. fine-ground lime, 30 lbs. steamed bone meal and four cans (large) Kow-Kare. For well under \$6 per hundred you will have an unbeatable mineral. Use 80 lbs. of this mixture to a ton of grain.



The regular conditioning of cows with Kow-Kare calls for only a tablespoonful in the feed one to two weeks each month—depending on the general vigor and productivity of the individual cow. Give this plan a trial this winter on the whole herd. It costs so little and does so much you cannot help but profit by it.

FOR INFLAMED JOINTS

Absorbine will reduce inflamed, swollen joints, sprains, bruises, soft bunches. Quickly heals boils, poll evil, quitters, fistula and infected sores. Will not blister or remove hair. You can work horse while using. \$2.50 at druggists, or postpaid. Send for book 7-S free.

From our files: "Fistula ready to burst. Never saw anything yield to treatment so quickly. Will not be without Absorbine."

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Heaves, Coughs, Conditions, Worms. Most for cost. Two cans satisfactory for Heaves or money back \$1.25 per can. Dealer or by mail. The Newton Remedy Co. Toledo, Ohio.

Cured His Rupture

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, carpenter, 133A Marcellus Avenue, Manassquan, N. J. Better out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.—(Adv.)

AT YOUR SERVICE We are here to the best of our ability and we welcome your questions on all subjects. Answers are sent by first class mail.
The Business Farmer, Mt. Clemens, Mich.

BEST by TEST

— on a
million farms

"Old Hickory Smoked Salt is wonderful. We never had nicer meat and we never go back to the old method of curing. We have recommended it to all our friends". — *Mr. John Lange, Montevideo, Minn.*

A million farmers, about one fifth of all those who raised hogs in the United States last year, cured their meat with Edwards Old Hickory, the original and genuine smoked salt. Thousands of them have written grateful, enthusiastic letters like the above, telling how Old Hickory has saved time, labor, meat and money; — how it has prevented spoilage during cure and done away with the fire risk and excess meat shrinkage of the old method of smoking. But chiefly they tell of that marvelous flavor of genuine hickory wood smoke mingling with the natural meat

juices in a delicious blend that only Old Hickory can produce.

You can get the same splendid results and the same delicious flavor by simply replacing ordinary meat salt with an equal amount of Old Hickory Smoked Salt in your own curing recipe. Old Hickory is highest purity meat salt smoked in the open air with hickory wood smoke. Not another thing is added. No smoke-house is needed. For meat curing Old Hickory is packed only in ten pound drums with the trademark, exactly as it appears here. Your dealer will show it to you.



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THE SMOKED SALT COMPANY, 447-467 Culver St., Cincinnati, Ohio

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LEARN Economy in Production,

ENJOY the Great Spectacular Features,

PROFIT by Investing in a Trip to
THE WORLD'S GREATEST LIVE STOCK SHOW

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Tuesday, November 29th,
1:00 P. M. For information
write R. J. Kinzer, 300 W.
11th St., Kansas City, Mo.

ABERDEEN-ANGUS

Wednesday, November 30th,
1:00 P. M. Address in-
quiries to W. H. Tomhave,
Union Stock Yards, Chicago.

SHORTHORN SALES

Milking Shorthorn, Thursday, December 1, 10:00 A. M.
Shorthorn, Thursday, December 1, 1:00 P. M.
For Catalogs address American Shorthorn Association,
Union Stock Yards, Chicago

AND OTHER PURE-BRED LIVE STOCK SALES

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ASK R. R. AGENT ABOUT REDUCED FARES

A Season of Education, Pleasure, and a
TRIP TO CHICAGO

DAIRY AND LIVESTOCK

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

EVERY-OTHER-MONTH TESTING FOR SMALL HERDS

DAIRYMEN owning small herds may obtain many of the benefits of association testing at a lower cost per cow than would be obtained by the regular dairy herd improvement association method. This fact is brought out in circular 1-C entitled "Testing Cows for Production Every Other Month," by Dr. J. C. McDowell, dairy husbandman of the United States Department of Agriculture. As the title suggests, the method involves testing every other month or six times a year, instead of every month or twelve times a year as in the regular association. In other respects the two methods are alike.

The circular concludes: "It is not expected that the method of testing every other month will take the place of the regular dairy herd improvement association method but that it may find its own place in those districts where the dairy herds are small."

The circular may be obtained by writing to the United States Department of Agriculture, Washington, D. C.

FEEDING RYE

I have a quantity of rye which I wish to use for feed. Is it good for hogs? If so, in what proportion can I feed it in connection with ground corn, oats, wheat, middlings, and bran—any or all of these? There is a lot of rye grown but I cannot seem to find any feed formulas which contain it. Is it good for any other stock? Ear corn hard to get and prices for ground corn too high. Am feeding a commercial supplement containing minerals and tankage.—J. L. C., Bangor, Michigan.

RYE is not nearly as satisfactory for a hog feed as is either corn, wheat or barley. The rye is not as palatable as the other grains and the pigs do not eat it with a relish as a result of which they gain more slowly when fed on rye and show a higher feed requirement per 100 pounds of gain. Best results are obtained in rye feeding when it does not constitute more than one half of the ration and when it is fed in combination with skim milk. With the feeds which you mention in your letter it would be my judgment that the best ration for your hogs would be one consisting of 50 per cent rye, 25 per cent oats, 25 per cent corn or wheat fed in connection with skim milk, using about 3 pounds of milk for each pound of the grain mixture.

Bran is not a satisfactory hog feed and middlings are quoted rather high at the present time. If middlings are quoted higher than wheat per 100 pounds it would be cheaper to use the wheat rather than buy middlings as 100 pounds of wheat is worth considerably more for feed than is 100 pounds of middlings.

Rye is more satisfactory as a hog feed than it is for any other class of farm livestock. Considerable caution, however, must be exercised in

feeding rye to pregnant animals especially if it contains any ergot or elongated, dark colored, crescent shaped kernels.—Geo. A. Brown, Professor of Animal Husbandry, Michigan State College.

SEPARATOR SLIME

Would like to know the cause and remedy, if there is any, when we take the separator apart there is a slime on the shell. The cow was fresh in July and seems to be as healthy as ever. She has always been a heavy milker. I feed corn and cob and oats ground and a dairy feed, mixed with it, corn fodder and alfalfa hay.—D. J. R., Burlington, Mich.

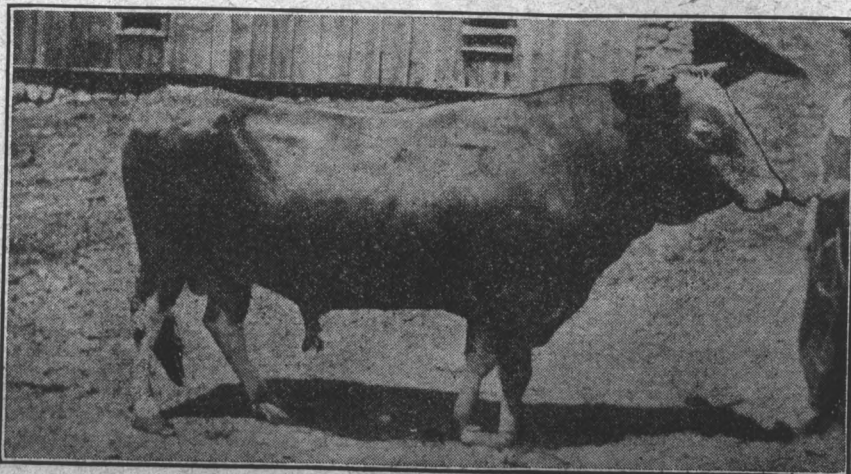
THIS is what is known as separator slime and consists of insoluble salts, dirt, casein, cellular elements and micro-organisms. This material is found after separating all milk to some extent. However, some cows that have an infection of the udder, such as garget; if this condition is found to a marked degree, and also if there is dirt in the milk through careless handling of the milk which tends to increase the amount of slime. I do not think there is anything that you are feeding your cows that would cause exceptional disposition of this material. It may be that the cows in question are suffering from garget or some similar infection.—J. E. Burnett, Assoc. Prof. of Dairy Husbandry, M. S. C.

RESERVE PREFIX NAMES

SIXTEEN Michigan breeders of pure-bred Holstein-Friesian cattle have recently reserved prefix names for their exclusive use and have registered these names with The Holstein-Friesian Association of America.

Myron S. Howe and Company of DeWitt, will use "Flowerland" as the trade name for their herd. "Tess-home" is the name selected by Arnold C. Tessin of Freeland; "Merry Acres" by Robert E. Hopkins of Allegan; "Vanhelm," Mr. and Mrs. Russell Van Camp of Crosswell; "Grand Plain" by Charles M. Burk of Dowagiac; "Kreifarms" by A. L. Cridler and Sons of Middleville; "Elm Loft" by Samuel J. McCreedy, Colling; "Idealholm" by William Boonstra of McBain; "gym" by Albert L. Lederer of Auburn, and "Hard-to-Beat" by O. L. Burdick and P. W. Spender of Shepherd. Harry W. Ballinger of St. Johns will use "Pine Drive" as the trade mark name for his herd. "Breezy Valle" will be used by Joseph Johnson of Marne; "Olivet Echo" by Everett P. Reynolds of Olivet; "Eustis" by DeLoughary Brothers, Bark River; "Principia" by Richard P. Rose, Turner, and "Elmloft" by Glen R. Clarkson of Brown City.

The purpose of prefix names used by breeders of purebred Holstein-Friesian cattle is to facilitate the naming of animals and to identify the various herds. Nearly 7,000 breeders in the United States now use these registered names regularly.



WEXFORD BREEDERS HERD SIRE

"I am sending you a picture of the bull owned by the Morey Guernsey Breeders' Association, of Wexford county, of which we are a member," writes Henry Daniels, Wexford county. "His name is Norman of Morey and is a brother of Missaukee Rose. We have taken your paper ever since it was started and are glad to see it keep growing."

Veterinary Department

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

WORMS IN HOGS

Will you please tell me what is the best thing for worms in hogs?—J. M., Hudson, Mich.

FOR worms in hogs: Oil of chenopodium, 1½ ounces; castor oil, 1 quart. Fast pigs for 24 hours; then give one ounce to pigs up to 50 pounds; 1½ ounce to up to 75 pounds, and two ounces for those heavier than 75 pounds. Give this with a dose syringe and be careful and do not strangle the pigs when giving it.

NEVER GETS WITH CALF

I would like very much to know what can be done in the case of a cow that comes in heat once every month but never gets with calf?—A. F., Cedar River, Mich.

I AM not sure that anything can be done but you may try the following: Get some iodized salt and steamed bonemeal and mix them equal parts; give this cow 5 to 6 tablespoonsful each day on the feed.

ADVICE SAVED COW

SOME weeks ago I wrote your veterinary editor regarding a cow showing symptoms of gastrorrhea. He diagnosed it as "wooden tongue." Upon examination I judge you were right for the tongue was enlarged and stiffened. Administration of the prescription suggested did the work and she is now about well. I am very grateful for now she will not be a loss but can be kept or disposed of profitably.—Albertus Brandt, Moorcroft, Wyoming.

Also give her one tablespoonful of liquor potassii arsenitis on her feed night and morning for one month.

LUMP JAW

My cow has hard lumps on side of lower jaw about size of a man's fist. One man said it was called lump jaw and was not catching only after it broke and that there was no cure for it. She eats good.—C. C. E., Manchester, Mich.

I THINK this must be lump jaw. No, it is not catching and if it has not affected the bone yet it can be cured up. Paint this with iodine two or three times each week. Then get 2 ounces of potassium iodide and dissolve in a quart of water; then give this cow one tablespoonful on her feed night and morning for several weeks.

The Experience Pool

Bring your everyday problems in and get the experience of other farmers. Questions addressed to this department are published here and answered by you, our readers, who are graduates of the School of Hard Knocks and who have their diplomas from the College of Experience. If you don't want our editor's advice or an expert's advice, but just plain, everyday, business farmers' advice, send in your question here. If you can answer the other fellow's question, please do so he may answer one of yours some day! Address Experience Pool, care The Business Farmer, Mt. Clemens, Mich.

STOVE BLACKING AND CHANGING TRACTOR

DEAR EDITOR: I saw a recipe for stove blacking in our paper and I don't like it as well as this: Black lead mixed with linseed oil, raw, thin enough to apply. Let dry then polish.

I saw something recently that I think ought to be passed along. As you are sitting on a tractor, the farmer had one bull wheel on the left or land side and three bull wheels on the right or furrow side. I asked him why and he said he cultipacked and plowed all at once. His neighbors are putting them on all of their tractors it is such a success. When he quits plowing he can put one of the three wheels on the other side and he is ready to drag his land. He says it doesn't take any more gas.—Clyde Jarvis.

I am not a farmer but I do dearly love your paper. It is with pleasure that I send you \$1 for renewal. I like to read it.—E. A. Green, Bay County.

Camel

The cigarette that earned first place by its goodness

The greatest endorsement ever given to a cigarette is revealed by the fact that Government figures show that more Camels are being smoked today than ever before. An endorsement by the many—not the few.



If all cigarettes were as good as Camel you wouldn't hear anything about special treatments to make cigarettes good for the throat. Nothing takes the place of choice tobaccos.

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BREEDERS' DIRECTORY

Ads under this heading 30c per agate line for 4 lines or more. \$1.00 per :: insertion for 3 lines or less. ::

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.

CATTLE**SHORTHORNS**

FOR SALE PUREBRED POLLED SHORTHORN Bulls and Heifers. Excellent quality. Prices reasonable. Geo. E. Burdick, Manager Branch County Farm, Coldwater, Michigan.

REGISTERED SHORTHORNS BOTH SEXES, reds, whites, roans. Real stuff priced worth the money. Write S. H. FANGBORN, Bad Axe, Mich.

GUERNSEYS

TWO REGISTERED GUERNSEY COWS JUST fresh. Good producers. T. B. tested. Also a bull ready for service. \$500 quality at a bargain. G. A. WIGENT, Watervliet, Mich.

GUERNSEY DAIRY CALVES, BOTH SEXES, practically pure bred. Shipped C. O. D. LAKEWOOD FARMS, Whitewater, Wis.

HOLSTEINS**The World's Greatest Butter Cow**
Traverse Colantha Walker

Bred and owned by Traverse City State Hospital
8415 lbs. of Butter in 8 Lactation Periods
Traverse Colantha Walker was born April 29, 1916, and weighed 1750 lbs. shortly before freshening at 2 yrs. 9 mo. of age. She has been on test continually since first freshening and has calved regularly each year.
She has recently finished her 8th lactation period with a total production of 8415 lbs. butter, a world's record over all breeds. Her dams for generations back have been bred in the Traverse herd—dependable breeding since 1889.
Michigan State Herds—Bred for Production
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Lansing, Michigan

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CALVES, YEARLINGS AND TWOS: HEREFORD STEERS AND HEIFERS
Best type, dark reds, good grass flesh, most all bunches (dehorned, each bunch even in size and show good breeding. Choice Herefords are usually market toppers when finished. Few bunches T. B. Tested. Will sell your choice from any bunch. State number and weight you prefer, 400 to 1000 lbs.
V. V. BALDWIN, Eldon, Wapello Co., Iowa.

50 REG. HEREFORDS, BOTH SEXES. ALL ages, priced reasonable. Look them over. Also some high bred "White Faces" feeders. Write W. H. McCARTY, Huron Co., Bad Axe, Mich.

SHEEP

DELAINE RAMS—POLLED AND HORNED. 40 yearlings and 2-year-olds. Big husky fellows from good shearing stock. Write for prices or call and see them. FRED J. HOUSEMAN, R. 4, Abilene, Mich.

FOR SALE—GOOD DELAINE BREEDING EWES. PRICES RIGHT. H. A. TAYLOR, New Dover, Ohio.

500 YOUNG BREEDING EWES ALL IN GOOD condition and prices to sell if interested. Let me hear from you. R. G. PALMER, Belding, Michigan

SWINE

REGISTERED HAMPSHIRE SPRING BOARS FOR SALE AT A BARGAIN. JOHN W. SNYDER, St. Johns, Mich., R. 4

REGISTERED HAMPSHIRE SPRING BOARS ready for service, best of breeding stock sold on approval. W. A. Hall & Sons, Mason, Mich.

DUROC JERSEYS—BOARS AND GILTS. ALL ages at a bargain. Write us your wants. JESSE BLISS & SON, Henderson, Mich.

REGISTERED DUROC JERSEY PIGS FOR sale, July farrow. Either sex. \$115 each P. O. B. Millersburg. Dowsy Hartley, Millersburg, Mich.

(Livestock Continued on page 28)

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1928
Model

One Dial RADIO

Yes, Sir! You can put any new 1928 model WESTGALE Radio in your home and use it to your heart's content on 30 DAYS' TRIAL.

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WESTGATE ELECTRIC COMPANY
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Kill Rats— Without Poison

**A New Exterminator that is
Absolutely Safe to use Anywhere!**

Will not injure human beings,
livestock, dogs, cats, poultry,
yet is deadly to rats and mice every time.

Poisons are too dangerous

K-R-O does not contain arsenic, phosphorus, barium carbonate or any deadly poison. Made of powdered squill as recommended by the U. S. Dept. of Agriculture in their latest bulletin on "Rat Control."

"Never saw anything work like it did. We are ordering from our Wholesaler in our next order. It is not necessary to say that we are pushing K-R-O." Huey's Pharmacy, Sardinia, Ohio.

75c at your druggist; large size (four times as much) \$2.00. Sent postpaid direct from us if dealer cannot supply you. **SOLD ON MONEY-BACK GUARANTEE.** The K-R-O Company, Springfield, Ohio.

K-R-O
KILLS-RATS-ONLY

RUSSIAN SPRINGFIELD SPORTING RIFLE \$10.45

5 shot using the U. S. Army caliber 30. Mod. 1906 cartridges, 22 inches. Turned down bolt handle. Special price, \$10.45. Ball cartridges, hard nose, \$3.50 per 100. Web cart. Belt, 40 cents. Fents, coats, Messpans, canteens, Knapsacks, haversacks, Outing Suits, hats, helmets, Saddles, bridles, Bugles, Jariats, Medals, etc. 15 Acres Army Goods. New Catalog 1927, collection issue, 380 pgs., fully illustrated, contains pictures and historical information of all American Military units and pistols (incl. Colts) since 1775, with all World War rifles. Mailed 50c. Est. 1865. Spec. New Circular for 2c stamp.

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"A Mother for Baby Chicks"

Not an ordinary Brooder House. Wonderful ventilating system guarantees better results—sweating or condensation unknown. Backed by 24 years experience. Chicks grow faster. Don't fail to investigate. Set our interesting Testimonial book and prices.

The Thomas & Armstrong Co., Dept. 17 London, Ohio
Buckeye Corn Crib—COPPER-IZED Metal Silos

Enjoy Powerful 6, 7 or 8 tube Radio: 30 Days FREE

FACTORY PRICES SAVE 1/2
Choice of fine cabinets offered
BIG NEW
Ultra Selective
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All Electric
Delighted thousands report Miraco's got programs Coast to Coast, also Canada, Cuba, Mexico, with magnificent, clear cathedral tone. Built like latest \$200 sets—don't confuse with cheap "Squawky" radios. Unless 30 days' trial proves your Miraco the MOST SELECTIVE, RICHEST, FULLEST TONED and MOST POWERFUL DISTANCE GETTER among highest grade sets, don't buy it! Every set comes with a 30 DAY TRIAL. **FREE! BEAUTIFULLY ILLUSTRATED CATALOG and AMAZING SPECIAL OFFER**

6 tube Super 36's
RETAIL LIST

ONLY 49

Miraco comes completely assembled, rigidly tested and fully guaranteed. 3 yr. guarantee. Operate your Miraco with batteries or FROM ELECTRIC HOUSE CURRENT—*as you prefer.* Choice of beautiful consoles (with built in orthophonic type speakers) or table cabinets. Insure complete satisfaction and save or make much money on sets, speakers, tubes, batteries or A. B. and G. light socket power units—*deal direct with one of America's oldest reliable makers of fine radios (3th successful year).* (8 Tube \$69.75)

MIDWEST RADIO CORPORATION, Pioneer Builders of Sets
520-B
Miraco Bldg., Cincinnati, Ohio
WITHOUT OBLIGATION, send me free literature, AMAZING SPECIAL WHOLESALE PRICES OFFER, testimony of nearby users, etc.

NAME _____
ADDRESS _____

OUR RADIO

By B. K. OSBORN

(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.)

HOW IS THE RADIO WORKING?

HOW is your radio working? Have you given it a thorough going over this fall to see if everything is okeh so that, barring accidents, you will be able to enjoy the good things that will be on the air this winter? Real radio weather is not far off and if you are going to get the best out of your set it must be working perfect. Check over your set and batteries right away. Maybe you have a weak tube that should be replaced or perhaps one of your batteries is about done for. Now is the time to find it out and correct the trouble.

MIXED UP WITH TELEPHONE

I have a one tube radio set that works fairly good but at times it goes dead as far as radio is concerned, but we can hear all of the local news from the telephone system. Sometimes it is several days before it gets all right, at other times shorter periods. The ground connections are about twenty feet from the ground connection of the telephone. I changed the ground, put it some fifty feet away, but it made no difference. I also changed the aerial which made no difference. This has happened some three or four times this winter.—H. K., Fennville, Mich.

THERE are a hundred things that might make a radio set go dead, but the fact that your set brings in talk from the telephone line when it is dead to radio indicates

that it must be crossed with the telephone lines in some manner.

Perhaps your aerial lead in wire comes near the telephone wire so that both are lying on wood or other material so that there would be leakage between them when wet with rain. Do you notice whether this trouble comes after rainy weather? If so, some such trouble is clearly indicated.

If your aerial is attached to a telephone pole, be sure that it is well insulated at that end.

If the battery wires of the radio set come anywhere near the tele-

GOOD WHEAT ON SAND

THERE is sand land and sand land. Albert T. Hopp, from near Hudsonville, has seven acres of sand land that produced 34 bushels to the acre this year. This piece of ground produced alfalfa for eight years and was plowed up last fall and sowed to wheat.

phone apparatus or wires, look for possibility of a cross or leakage there.

If any of the above suggestions do not help you to clear the trouble, it would be well to report it to the manager of your local telephone company, since it may be causing disturbance on the telephone line as well as your radio set.

A Club Boy's Trip To the Dairy Show

(Continued from page 16)

sorghum, none of which I had ever seen before. We had to cross the Mississippi again before we could get to Memphis. This time we crossed it on a toll bridge. We arrived at Memphis on Sunday evening as scheduled and ate dinner at the Boys' Club Camp. Here all the 4-H club boys and girls ate while they were at the National. On Sunday evening the group sang several songs as well as a few individuals. On Monday evening the singing of several songs took place; each group from different states took turns doing stunts. During Monday and Tuesday, many 4-H club members took advantage of the free sight-seeing trips about the surrounding country.

On Tuesday evening the announcement of the winners of the 4-H club judging contest also took place. In this contest, the Michigan team won sixth place. On Wednesday afternoon the boys and girls were taken on a trip over to Klinckes' Dairy plant which supplies most of the Memphis trace with dairy products. Here each person received ice cream and a bottle of chocolate malted milk. Later we were taken to Over-

of dairy cattle at the National were sure none looking, and the dairy exhibits were educational as well as interesting. On Thursday morning, the twentieth of October, I left for home on the train. I came home thinking that my efforts which I put into the 4-H Calf Club were well repaid. I had a fine time and I thank the Mount Clemens Rotary Club for its support of the Macomb Dairy Calf Club No. 1.—Lawrence Thurman.

NO GUESS WORK FOR WARD'S

WHEN a concern puts merchandise on the market it should know just how good that merchandise is and how far they can recommend it accordingly so that they can build up a steady and growing market for their merchandise. Take Montgomery Ward and Company, the large Chicago mail-order concern, for instance. They have a laboratory and maintain a staff of experts who make thousands of tests each year to make sure that the merchandise sold by that large company is just what they claim it to be. The work is under Dr. Ellery H. Harvey who says they do everything from smashing chairs to see just how durable they are, to analyzing writing ink. It is a big job, but it must be done in order to protect the customer.

THE COMING OF HELL

The newly appointed pastor of a negro church faced a packed audience when he arose to deliver a sermon on the burning question: "Is There a Hell?"

"Bredren," he said, "de Lord make the world like a ball."

"Amen!" agreed the congregation.

"And de Lord make two axles for de world to go round on, one axle at de North Pole and one axle at de Souf Pole."

"And de Lord put a lot of oil and grease in de center ob de world so as to keep de axles well greased and oiled."

"Amen!" said the congregation.

"And then a lot of sinners dug wells in Pennsylvania, Kentucky, Louisiana, Oklahoma, Texas and Mexico and Russia, and steal de Lord's oil and grease."

"And some day dey will have all of de Lord's oil and grease, and dem axles is gonna git hot. And den, dat will be hell, bredren, dat will be hell."

Best farm paper ever printed. Don't want to miss a copy, so am sending \$1.00 for three years. Success to you.—Mr. and Mrs. J. B., Martin, Mich.

ton Park and the Memphis Zoo. Then we walked over to the new Sears Roebuck building in Memphis, where the 4-H club banquet was held. Here the boys and girls were taken through the building and later had the banquet. During the banquet, several short talks were given by men prominent in 4-H club work. The main event, however, was the announcement of the dairy demonstration contest winner. Mr. Jameson, editor of the Dairy Farmer magazine, gave a short talk and later announced the winning teams. The Michigan demonstration team on fitting the heifer for the show, won third place in this contest out of seventeen teams entered. The array

Roup Epidemic Killing Poultry

Birds sneeze, wheeze and choke. Throat rattles. Nose runs. Spreads rapidly. Act at once!

Readers who find colds or roup starting in their flocks will be interested in a letter written by Thomas Pulliam, Shiveley, Ky. He says:

"I have had birds with their eyes closed and every form of roup, and saved every one of them. Last winter I had a Barred Rock cockerel that was nearly dead. He had dropped from 7½ to 2½ pounds. I gave him Roup-Over and it worked like magic. In two weeks, he was back on the firing line and fighting every rooster on the place. I can't understand why people let their birds die with roup, when Roup-Over will save them."

It is amazing how quickly and easily colds and roup can be ended by this method. If the trouble is already started, a few drops of Roup-Over, applied to the nostrils, will usually banish every symptom in one day. Better still, a few drops used in the drinking water guards the whole flock against roup, colds, and other epidemics. A liberal supply of Roup-Over can be obtained by sending fifty cents (or \$1 for large size holding 3 times as much) to The Burrell-Dugger Co., 543 Postal Station Bldg., Indianapolis, Ind. As Roup-Over is guaranteed to do the work or money refunded, it costs nothing to try. Readers will find it entirely different and much quicker in action than anything else ever tried for roup and similar infections.



Roup-Over
Stops Roup-Colds-Canker

Special Single Cash Trial Bag Offer!
100-lb. bag **\$3.25**
L.o.b. Factory only.
"Fill the Basket"
More Eggs Less Cost
Try this famous Egg Mash. Judge it by results. If your dealer doesn't have it send \$3.25 to factory for 100-lb. trial bag—today!

Blatchford's EGG MASH
ESTABLISHED IN 1900
Blatchford's 3 Steps to Poultry Success
1. Chick Mash Starts baby chicks off right. Reduces losses—most economical and best.
2. Growing Mash Low feed cost during growing period of non-production.
3. Egg Mash Recommended by poultrymen everywhere. Top layer. Low cost.
Send for free envelope sample (specify which mash) and valuable poultry information—free.
Blatchford Calf Meal Co., Dept. 6168 Waukegan, Ill.

10 Hens Lay 10 Eggs a Day

Winter doesn't stop Mr. Henry's hens

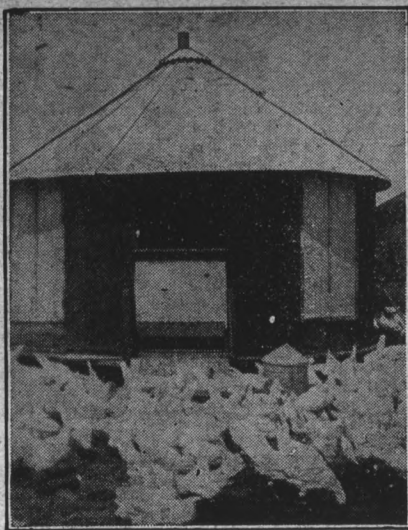
Readers whose hens are not laying well during these days of high egg prices will find much of interest in the following letter from C. D. Henry, Alverton, Pa. He says:

"I placed my pullets by themselves, and fed them Don Sung. The third day my eggs increased from 3 to 9 a day. They have had Don Sung ever since and have laid continuously. Yesterday I got 10 eggs from them and am willing to make affidavit to it. Don Sung certainly gets the eggs. It has paid for itself many times over."

Don Sung, the Chinese egg laying tablets which Mr. Henry used, are opening the eyes of chicken raisers all over America. The tablets can be obtained from the Burrell-Dugger Co., 256 Postal Station Bldg., Indianapolis, Ind. Poultry raisers whose hens are not laying well should send 50 cents for a trial package (or \$1 for the extra large size holding three times as much). Don Sung is positively guaranteed to do the work or money promptly refunded, so it costs nothing to try. Right now is the time to start giving Don Sung to your hens so you will have a good supply of fresh eggs all winter.

OTTAWA LOG SAW
ONLY \$39
GREATEST OFFER EVER MADE
MAKE MONEY! Wood is valuable. Saw 15 to 20 cords a day. Does more than 10 men. Ottawa easily operated by man or boy. Falls trees—saws limbs. Use 4-hp. engine for other work. 30 DAYS TRIAL. Write today for FREE book. Shipped from factory or nearest of 10 branch houses.
OTTAWA MFG. CO. Room 1481 W. Magee Bldg., Pittsburgh, Pa.

PLEASE MENTION
THE BUSINESS FARMER
WHEN WRITING TO
ADVERTISERS



BROODER HOUSES FROM SILO

This neat appearing brooder house on the farm of John Licht, in Macomb county, is one of six made from 14x30 wood silos. There are three windows in each brooder. Each brooder accommodates 500 chicks. These houses were put out in a sweet clover patch, which furnished protection from hawks, good feed and plenty of shade.

With the Farm Flocks

STATE HENS SCORE AS EGG PRODUCERS

MICHIGAN poultrymen scored signal honors on hens entered in the fifth annual egg laying contest which closed recently at Michigan State College.

The contest began November 1, 1926, and continued through 51 weeks. All birds entered in the contest receive the same care and are subjected to the same conditions of environment, so that eggs produced are an accurate measure of the productive ability of the hens.

A pen of 10 White Leghorns owned by Harry Burns, Millington, won first place with a production of 2582 eggs. Third place was won by another pen of White Leghorns, entered by F. G. DeWitt, Grand Blanc.

Other Michigan representatives among the owners of the ten high pens were Karsten's Farms, Zeeland; W. C. Eckard, Paw Paw; H. E. Denison, East Lansing; E. G. Kilbourn, Flint; and George B. Ferris, Grand Rapids. These men were also owners of White Leghorns.

Michigan poultrymen won four out of the five first places for production by Barred Rocks. Honors in this section went to F. E. Fogle, Okemos; John McClellan, Cass City; Herman Berndt, and Charles E. Atwater, Cadillac.

Three out of the first five places in the Rhode Island Red section went to J. Z. and D. H. Ballard, Onondaga; C. N. Whittaker, Lawrence; and Mrs. John Goodwine, Charlotte.

Birds from Iowa, New York, Alabama, California and Indiana divided honors with contestants from Michigan.

The sixth annual contest started off the first of November with 1,200 hens from every section of the country entered. One thousand of the hens will compete in the contest throughout the year, while the remaining 200 will be used when necessary to replace those which fall by the wayside.

Efforts will be made to equal the record of the fifth annual contest which has just closed, with an average production for 51 weeks, of 194.02, as compared with 192.8 for the preceding year; 176.57 for 1925; 163.06 for 1924; and 157.4 for the first year of the contests, 1923.

DO NOT STUNT BREEDING STOCK

Heifers and bulls intended for breeding should be kept growing both in winter and summer, in order to reach their full development. If stunted while young, the expense of development will increase.

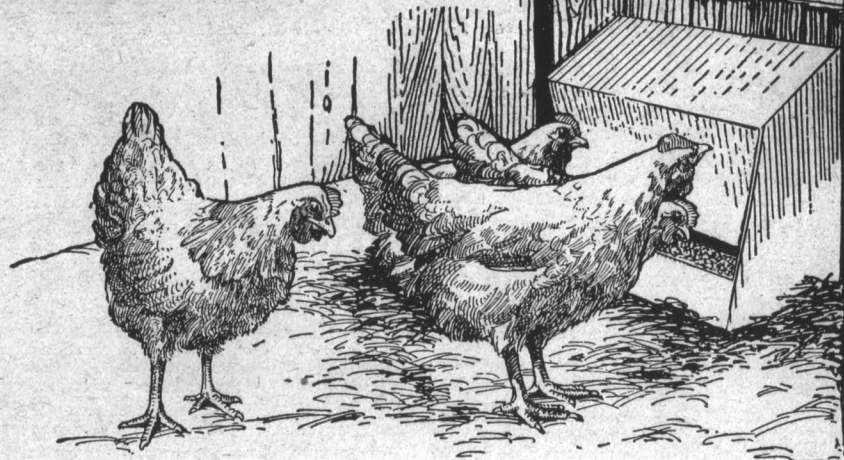
CANCER—FREE BOOK SENT ON REQUEST

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.)



"The Early Bird Catches the Worm"

... and the strongest hens get all the protein in a poorly mixed mash



EVEN with great care you cannot shovel together a poultry mash on the feed room floor and blend the ingredients together properly. To lay to her capacity, a hen must have a *balanced* ration, but when you put before the flock a poorly mixed mash they pick and choose, and the "early birds" get all the protein—too much for their good—while the weaker birds in the flock take what is left. None of the flock gets a balanced ration by such selective feeding.



To feed all your hens equally well use
AMCO EGG MASH

THE perfect mechanical condition of AMCO EGG MASH is one of the chief reasons why it gives such uniformly high egg production. On AMCO EGG MASH *each* hen in the flock gets *everything* she needs to produce to her full capacity. AMCO EGG MASH is perfectly balanced. The formula was recommended by college poultry feeding experts. It is perfectly blended. The ingredients pass into the mixing line carefully gauged as to amount and come out in a perfect mechanical mix.

This superior balance and mix alone make AMCO EGG MASH a far better proposition than home mixing. And the low cost of this mash removes any price advantage you may have had formerly in shovel mixing.

Your Amco Agent Can Supply You

AMCO
FEED MIXING SERVICE

AMERICAN MILLING COMPANY
Executive Offices: Peoria, Ill.

Plants at: PEORIA, ILL.; OMAHA, NEB.; OWENSBORO, KY.
Alfalfa Plants at: POWELL, GARLAND, AND WORLAND, WYO.

DIVISION OFFICE: COLUMBUS, OHIO



MARKET FLASHES



Beef Cattle Reach Highest Point in 7 Years

Wheat Prices Not Up to Expectations with Future Unpromising

By W. W. FOOTE, Market Editor.

AGRICULTURAL conditions this year proved much more satisfactory than appeared probable in the spring and early summer when, it looked as if the cold and rainy weather would never cease, but all things came to an end, and it was fortunate that the hot forcing weather came late, but in time to save the corn crop. Michigan is favored with good average crops of grains, vegetables, fruits, etc., and about the only serious drawback at this time is the big fall in prices which has been witnessed in the leading grains as an inevitable result of the large crops. Large marketing of new wheat is sufficient to account for the marked decline in quotations for that important Michigan farm crop stable crop, while the price of new corn has collapsed and the first offerings failed to sell much above the prices paid a year ago. Of course, this means plainly that the only recourse for the corn grower is to convert it into beef and pork, and stock feeding this winter is bound to become an important branch of farming. Cattle feeding has paid stockmen unusually large profits this year, fewer having been fattened than last year, and within a short time well finished cattle have sold at the highest prices paid since 1920. So far as general farming conditions are concerned no marked changes have taken place, and farmers are still dissatisfied with prices for most of their products. Leading merchants report that fall business has not been as good as last year, and many men are out of work. But 1926 was the most prosperous year in our history. It may be added that farmers who are supplied with silos, corn huskers, tractors, and other farm machinery are coming out better than others.

Low Price For Wheat

The price for wheat and other grains remain on a considerably lower scale than farmers had looked for early in the season, and any decided change for the better is not likely to take place unless farmers curtail their sales or buyers increase their purchase. The new crop of wheat is moving actively in the United States and Canada, and the only way to put corn higher is to feed it on the farm. Wheat continues to sell at much lower prices than in recent years, December wheat having sold last year around \$1.26 and two years ago at \$1.52. The visible wheat supply is larger than in recent years, but the outlook is promising for normal exports off wheat and flour, as European requirements are estimated the same as last year. December corn has sold about 15 cents higher than last year, while oats were 6 cents higher than then and rye nearly the same as a year ago at 99 cents. Rye exports have been large and accumulations small. The government corn crop report is a surprise, the crop being estimated at 106,000,000 bushels more than that of 1924.

Cattle Advance To \$18

Prime beef cattle have advanced to \$18 on the great shortage, the highest point reached in seven years. Late sales were at \$10.50 and upward, with the bulk of the steers going at \$12.25 to \$16.25. A week earlier steers sold at \$9.75 to \$17.75, a year ago at \$7.50 to \$12.50 and two years ago at \$7 to \$14.50. There is a great shortage, and heifers are up to \$14.50 for the best. There is a much larger demand for stockers and feeders than can be met at \$7.75 to \$11.50, chiefly at \$10 and over, with stock and feeder cows and heifers at \$6 to \$8.50.

Increased Hog Receipts

Excessive Chicago receipts recently drove the top price for hogs in Chicago market down to \$9, the lowest since last July, showing a fall of \$2.40 in less than a month. A year ago hogs sold at \$9.75 to \$12.10, two years ago at \$9.20 to \$11.70 and three years ago at \$8 to \$9.80. Heavy hogs top the market, but light hogs

are much wanted, while they comprise a greatly increased proportion of the offerings. For the year to late date seven western packing points received 19,185,000 hogs, against 19,141,000 a year ago, 21,813,000 two years ago and 25,912,000 three years ago. The big obstacle to better prices is the maintenance of quotations for fresh and cured meats, being as high as ever in the retail shops.

A GLANCE AT THE MARKETS

(Market News Service, U. S. Bureau of Agricultural Economics.)

(Special to THE BUSINESS FARMER)

FRUIT and vegetable shipments were reduced last week on account of colder weather, and prices advanced in several lines. Chicago hog prices recovered only slightly from the preceding week's decline, but livestock values went lower except on the higher grades. Butter markets were unsettled, and cheese markets were dull. Egg prices were firm, and the live poultry market was irregular. The general grain market situation was not materially changed, but the prices of cash grains

a range of \$1.65 to \$1.90. Western Michigan shipping points advanced sharply to a range of \$1.60 to \$1.65, and a top of \$1.50 was reached in Wisconsin, and \$1.40 in southeastern Minnesota. Wind storms and New England floods affected the Maine situation to some extent.

Butter and Cheese

Butter buying was confined largely to bare necessities, and prices showed no material changes. Storage movement continues fairly heavy, and the general opinion is that fall production will be heavy. Cheese dealers were offering freely but buyers are awaiting market developments. Wisconsin cheese board prices declined on November 4. Canadian cheese markets were weak.

Eggs

Egg receipts are falling off and are more or less irregular in quality. The demand is for top grades. Live poultry receipts are heavy. Some classes are scarce, however, and prices have advanced, despite declines at Texas shipping points. Dressed poultry receipts are heavy with little change in prices.

Wool

A hand-to-mouth buying policy on raw wools by mill operators, prompted by failure of the goods market to develop as had been anticipated, caused a slow trade on the Boston

markets but showed heavy moisture content. Export demand was the principal strengthening factor for both barley and rye, and prices for these grains tended upward. The hay markets held fairly steady for top grades which were in light supply.

BEANS

"While we are bullish on Michigan beans for the long pull it does not seem probable that any big advance will start until toward spring," says the Michigan Elevator Exchange, and the reason they give for drawing this conclusion is heavy receipts which send prices downward during December and January. Taxes must be paid and one must have money to pay them. Also there are other obligations that generally fall due at about this time.

The official crop report for Michigan indicates an average yield of 9 bushels per acre and a total crop of 5,364,000 bushels compared with 5,299,000 bushels last year. There is strong belief that this figure is too high and final figures will show less than five million bushels in Michigan.

DETROIT LIVE POULTRY

(Commission merchants' gross returns per pound to farmers, from which prices 5 per cent commission and transportation charges are deductible.)

Steady. Hens, colored, 5 lbs., 25c; 4 to 4½ lbs., 23c; leghorns and small colored, 16c; cocks, 16c. Springs, 4 lbs. up, 24c; 2 to 4 lbs., 23c; leghorns, 20c. Ducks, white, 5 lbs. up, 23c; smaller or dark, 21c; geese, 20c.

DETROIT BUTTER AND EGGS

Butter steady and unchanged; creamery, in tubs, 88-90 score, 41¢@45¢. Eggs very firm and unchanged; fresh firsts, 35¢@48¢.

DETROIT SEEDS

Clover seed, cash imported, \$16.25; December, \$16.75; domestic cash, \$18.10; December, \$18.25; Alsike, cash, \$15.50; December, \$15.60. Timothy—Cash, \$2.15; December, \$2.20; March, \$2.30.

LIVESTOCK MARKETS

EAST BUFFALO, N. Y.—Hogs—Market steady to 10c higher; 180 to 220 lbs. \$10 @10.10; 170 lbs., \$9.85; pigs and lights, \$9.25@9.50; packing sows, \$8.25@8.75. Cattle—Market steady. Calves—Market steady; top vealers, \$16.50; culls and common, \$10.50@13. Sheep—Market steady; top fat lambs, \$14; culls and common, \$10.50@11.50.

CHICAGO.—Live stock trading was of the usual moderate week-end volume and prices were about unchanged. Hog trade was slow and quality on hand was plain, with values about steady. No choice butchers were on hand, and those sold brought \$9.60 and below. Prime lots were quotable at \$9.80. A week ago best hogs were placed at \$10.40 as a nominal top. Receipts today were 4,000, and about 6,000 holders were added.

With receipts around 1,500, the cattle trade was called about steady. Heavy native steers closed sharply higher for the week and medium grades showed gains of \$1@1.50 over the previous week's close. Best steers made \$18 and calves had a gain of \$1.50@2 for the week. Bulls were steady and cows were 25¢@50 cents up.

Sheep receipts were 3,000, making a total of 73,000 for the week, compared with 62,000 week before last. Fat lambs held well, choice lots going to \$14.35, but were slightly lower at the close. Ewes were mostly 25 cents higher, with light lots at \$7, but feeders closed weak.

CORN AND POTATO CROPS

MICHIGAN'S 1927 corn crop has continued to be favored, and October weather allowed the final maturing of 27 bushels per acre which is much better than was expected earlier, according to the crop report issued by Herbert E. Powell, Commissioner of Agriculture and Verne H. Church, Agricultural Statistician for Michigan. The estimated production of 39,582,000 bushels for the state is the shortest crop since 1917. This year 37 per cent of Michigan corn went into silos and 11 per cent was used for forage or grazing, which leaves a net grain crop of 20,583,000 bushels, of which 57 per cent is merchantable.

Dry weather greatly lessened the yield of Michigan potatoes, and fall rains only helped the very late planted fields so that actual digging returns showed a yield of only 81 bushels per acre which is lower than growers expected a month ago. However, the United States crop was increased by five and one half million bushels this month so that the yield of 114.5 bushels per acre promises a crop of 400,805,000 bushels which is 40 millions more than last year and consequently above consumption requirements.

MARKET REPORTS BY RADIO DAILY

THE Michigan Business Farmer was first to broadcast farm market reports in Michigan (January 4, 1926). Market reports and farm news are now available as follows: WGHP (319.3 meters), 6:05 to 7:00 P. M.; WKAR (286), 12:00 M.; WWJ (352.7), 5:45 P. M.; WCX-WJR (440.9), 4:15 P. M.—Editor.

were advanced in most markets due to light receipts or more active demand.

Potato prices showed some recovery in the North Central region and the Middle West. Apples continued firm. Lettuce closed higher, and cabbage advanced in the principal shipping districts. Eastern grapes finished at fairly high prices. Combined shipments of 25 products decreased to less than 20,000 cars, or 9,000 cars below the preceding week, and about 6,000 less than a year ago.

Potatoes

Hopeful signs appeared in the potato situation, due chiefly to lower temperatures. There was an advance of 10 cents per hundred pounds in Chicago carlot sales of sacked northern Round Whites, while Idaho Russet Burbanks moved up 15 cents to

wool market during the week. Prices, however, remain very firm, and primary markets abroad continue to show general strength.

Wheat

Premiums for high protein types of milling wheat continued firm during the week. The movement of spring wheat is decreasing in the domestic markets, and 13 per cent protein No. 1 dark northern spring is being quoted at premiums of 17 to 22 cents over December future price at Minneapolis. Hard winter wheat prices showed little change but mills were paying more attention to wheat showing generally good quality rather than to protein.

Other Grains

The light offerings of old corn were readily taken at steady prices. New corn continued to arrive at the var-

THE BUSINESS FARMER'S MARKET SUMMARY

and Comparison with Markets Two Weeks Ago and One Year Ago

	Detroit Nov. 14	Chicago Nov. 14	Detroit Nov. 1	Detroit 1 yr. ago
WHEAT—				
No. 2 Red	\$1.39		\$1.37	\$1.39
No. 2 White	1.38		1.36	1.40
No. 2 Mixed	1.37		1.35	1.38
CORN—				
No. 2 Yellow	.90		.92	.75
No. 3 Yellow	.88	.84½	.90	.74
OATS (New)				
No. 2 White	.55½	.50 @ .53	.54	.49½
No. 3 White	.53	.48½ @ .51	.52	.47½
RYE—				
Cash No. 2	1.15	1.05 @ 1.08	1.08	.94
BEANS—				
C. H. P. Cwt.	5.20		5.10	5.10 @ 5.15
POTATOES—				
Per Cwt.	2.17	1.50 @ 1.90	1.80 @ 1.85	3.00
HAY—				
No. 1 Tim.	14 @ 15	18 @ 19	14 @ 15.50	19 @ 20.50
No. 2 Tim.	12 @ 13	15 @ 17	12 @ 13	16 @ 17.50
No. 1 Clover	12 @ 13.50	18 @ 19	12 @ 13.50	16 @ 17.50
Light Mixed	13 @ 14.50	18 @ 19	13 @ 14.50	18 @ 19.50

Monday, November 14.—All grains except rye seem to be in easy position. Rye strong. Bean market unchanged. Potatoes quiet. Livestock mostly steady.

Special Sale!

2-in 1 Breeches

An \$8.00 Value



**WIND PROOF
WEAR PROOF
WATER PROOF
INTER PROOF**

All these excellent qualities are embodied in this wonder breech because it is made of a ten ounce double filled duck, and is lined with a 20 ounce OD all wool worsted serge material. They are strongly sewed, and bartacked at all strain points for extra strength. For the hunter, or outdoor workman they cannot be surpassed. Were they to be made today they would sell for at least \$8.00 a pair. They were made for the Army and have passed their rigid inspection. Sizes 30 to 42. State size. No. 1220 Price.....**\$2.98** Plus Postage

SEND NO MONEY Don't send a penny in advance. Just your order by letter or postal. We'll send at once by parcel post ON APPROVAL. Pay postman only Price marked and a few cents postage. If you don't say it's the biggest, best bargain in breeches and cap you ever saw, we will send every penny back at once. The supply is limited, so order quick.

WRITE FOR FREE CATALOG

U. S. MAIL ORDER CO.

Dept. M. B. 2

St. Paul, Minn.

ROSS BROODER HOUSE PREVENTS LOSSES

Near round—no corners for crowding—rat and vermin proof. New exclusive idea in cross ventilation. Combination ventilator and fan. Glass windows. Diameter 12 feet. Capacity 500 chicks. Built sectional—easily enlarged. Buy Now—Pay Later—Write Today.

ROSS CUTTER & SILE CO., 313 Warden St., Springfield, Ohio. Makers Ross Metal Silos—Cutters—Cribbs—Blins—Hog Houses—Mills—Garages.

TO LATE TO CLASSIFY

LARGE TYPE O. I. C. BOARS READY FOR SERVICE. Bred Sept. and Sept. pigs. Reg. free. **GLENWOOD FARM, Zeeland, Mich.**

PURE BRED O. I. C. SERVICE BOARS AND open girls for sale. **J. R. VAN ETEN, Clifford, Michigan**

BUSINESS FARMERS EXCHANGE

RATE PER WORD—One issue 8c, Two issues 15c, Four issues 25c. No advertisement less than ten words. Groups of figures, initials or abbreviation count as one word. Cash in advance from all advertisers in this department, no exceptions and no discounts. Forms close Monday noon preceding date of issue. Address: **MICHIGAN BUSINESS FARMER, Mt. Clemens, Michigan.**

FARMS

LAND IS SELLING. NOW IS THE TIME TO buy. We offer 6 farms in North Dakota—160 to 640 acres—5 Minnesota farms ranging in size from 80 to 320 acres—8 dairy farms in Central Wisconsin and 3 farms within 30 miles of Lansing, Michigan. All of these farms are being priced to sell. Every one is a bargain. We offer best terms, small down payments, long time to pay with only 5% interest. Be a wise buyer, act at once. Write today to The Federal Land Bank of St. Paul, Minn., Dept. 32.

GROW WITH SOUTHERN GEORGIA. GOOD land, low prices, still available. Write Chamber of Commerce, Quitman, Ga.

WANTED—GOOD STANDING TIE TIMBER. State where located, number of acres, kinds of timber and hauling distance to nearest railroad shipping point. **Charles A. Weiler Co., 4-142 General Motors Bldg., Detroit, Mich.**

FOR TRADE—97 ACRE LAKE BORDER FARM near Traverse City, for larger farm. Prefer heavy land. **R. C. Box 44, Traverse City, Mich.**

DOGS

SEND 10 CENTS FOR INDIVIDUAL DESCRIPTION of 50 breeds. Photo Group. Fur Price list. Lakeland Fur Dog Exchange, Salem, Mich.

PET STOCK

MAKE BIG PROFITS WITH CHINCHILLA Rabbits. Real money makers. Write for facts. **\$84 Conrad's Ranch, Denver, Colorado.**



Week of November 20

WEATHER conditions during the greater part of the week of November 20th in Michigan will average drier than during the past two weeks. The early days of this week will be sunshiny and generally clear. The temperatures at this time will range close to the 20 degree mark.

About Tuesday the weather will begin to moderate and during Wednesday and Thursday much unsettled weather with light rain or snow and some high winds will predominate. This will be the most stormy period of the week.

At the close of the week the weather will be cooler and the skies much clearer.

Week of November 27

The clear cool weather that is expected to begin in Michigan at end of last week will continue into the opening days of the week of November 27th.

However, around Monday and Tuesday there may be signs of some storminess but about Thursday of this week, with mild temperatures, there will be more precipitation. This weather will then continue over into Friday but the week will end with generally fair weather and colder.

December Full of Changes

Although we are expecting the month of December in the greater part of Michigan will show unusual changes with extremes from wet to dry and cold to warm, we believe an average condition will show the temperatures slightly below the normal but the precipitation considerably above. Snowfall for the entire state of Michigan is expected to average above the normal for the month.



'Like Lightning'

Watch the udder and teats—the "small" but tremendously important element in milk-giving. For the hurts and troubles that constantly arise, nothing affords such immediate, such thorough results as Bag Balm.

This wonderful ointment, so clean and pleasant to use, starts healing at once. Healthy, normal tissues are restored in no time. For Caked Bag, Bunches, Inflammation, Chaps, Cracked Teats, Injuries, Cuts or Bruises of all sorts, Bag Balm brings quick relief. The regular use of Bag Balm makes easy milking and a full pail the rule. It cannot taint the milk.

The big 10-ounce can goes a long way—has scores of healing uses for farm and home. 60c at feed dealers, general stores, druggists. Mailed postpaid if hard to obtain locally. Free booklet, "Dairy Wrinkles" sent on request.

Dairy Association Co., Inc.
Lyndonville, Vermont



---don't experiment!

When trouble comes then you'll know what the protection of a strong company means.

Look at this record—

TOTAL ASSETS

December 31, 1921	\$137,392.51
December 31, 1922	226,499.45
December 31, 1924	565,225.96
December 31, 1925	704,152.41
December 31, 1926	840,845.24
October 31, 1927	960,778.97

Be sure your automobile or truck is insured against
**FIRE, THEFT, LIABILITY
AND COLLISION**
in the

**CITIZENS MUTUAL AUTOMOBILE
INSURANCE COMPANY**

Wm. E. Robb, Secretary
Howell, Michigan

Girls! This is HONEY BUNCH

The Lifelike Suck-a-Thumb Doll

GIRLS! Honey Bunch is the Newest, Sweetest, Doll in Aunt Molly's whole doll family. She has soft rubber arms and hands. Just like a baby's. She sleeps and cries and you can put her to sleep sucking Her Thumb. Her head is unbreakable and she is over a foot tall and dressed just like a real baby, with a flannel diaper.

Write Me Today!

Honey Bunch will not cost you a penny—she is given away in return for just a little favor. But **HURRY!** Be the first girl in your neighborhood to have the lifelike "Suck-a-Thumb Baby." Write this very minute. Just say "Please tell me how I can have Honey Bunch without a cent of cost to me." Be sure and Write Today.

AUNT MOLLY, Dept. 2848, Spencer, Ind.

POULTRY

WHITTAKER'S REDS FOR FLOCK IMPROVEMENT. Both Combs. Michigan's Greatest under Record of Performance. Rules. Cockerel Price List Free. Interlakes Farm, Box 2, Lawrence, Mich.

PINECROFT BARRED ROCK CHICKS ARE accredited and Blood Tested. We start our incubator December 15th. Write for broiler prices. Pinecroft Poultry Farm & Hatchery, Owosso, Michigan, Dept. A.

PULLETS ENGLISH WHITE LEGHORN FOUR months, 75c. Five months, \$1.00. Six months, some laying, at \$1.15. Brown Leghorns, four months, 75c. All from state accredited flocks. H. Knoll, Jr., Holland Mich. R. 1.

BABY CHICKS—YOU CAN BUY YOUR EARLY hatched chicks right here in Michigan. First hatch January 15. Also booking orders now for spring delivery at special discount. Send for catalog and prices. Brummer-Fredrickson Poultry Farm, Box 30, Holland Michigan.

BALLARDS S. C. R. I. REDS SCORED HIGH est red hen and Michigan pen in Michigan E. L. Contest. Cockerels for sale from same strain, \$3 and \$5. D. H. Ballard, Onondago, Michigan.

FOR SALE. THOROUGHBRED BOURBON red turkeys, Hens, \$6. Toms, \$8. Price before you send in your check for your wants. We ship good stock only. Mrs. Sophia Peet, Alto, Mich.

EDGEWOOD GIANT BRONZE—LARGE HARDY northern turkeys. Sired by son of 1926 All-American grand champion. Mrs. Edgar Case, Benzonia, Mich.

MAMMOTH BRONZE TURKEYS. CHAMPION strain. Large and vigorous. Mrs. Smatts, R. 1, East Jordan, Michigan.

MAMMOTH BRONZE TURKEYS. CHOICE BIRDS of excellent breeding. Mrs. Ralph Sherk, Caledonia, Mich.

MAMMOTH WHITE HOLLAND TOMS. MAY hatched, \$10 and \$15. J. Leicht, Shelby, Michigan.

SEEDS AND PLANTS

CHOICE ADAPTED SMALL GRAIN AND beans. Improved American Banner Wheat. Wolverine Oats. Improved Robust Beans. A. B. Cook, Owosso, Michigan.

FOR SALE—WILSON SOY BEANS. \$1.00 bushel. Virginia Soy beans, \$2.00 bushel. Cow Peas, \$2.00 bushel. New crops. Bags extra. Cash with order. Buy now. Joseph E. Holland, Milford, Del.

ONE DOLLAR BRINGS TO YOUR DOOR 53 giant flowering gladiolus bulbs in nine splendid varieties, or 100 choice mixed, bloom first year. Immediate delivery. P. Ward, Grower, Hillsdale, Michigan.

TOBACCO

HOMESPUN TOBACCO—GUARANTEED. GOOD flavor; chewing, 5 pounds, \$1. 10, \$1.75; smoking 5 pounds, 75c; 10, \$1.25; pay when received. Farmers Union, Mayfield, Ky.

MISCELLANEOUS

MEN, GET FOREST RANGER JOB; \$125-\$200 month and home furnished; permanent hunt, fish, trap. For details, write Norton, 347 Temple Court, Denver, Colo.

MAKE \$25.00 DAILY SELLING COLORED Raincoats and slickers. Red, Blue, Green, etc., \$2.95. Hat Free. Commissions daily. Outfit Free. Elliott Bradley, 241 Van Buren, Dept. BK-11, Chicago.

600-MILE RADIO. \$2.95 POSTPAID. NEEDS no tubes, batteries, or electrical current. Over 300,000 homes have them. Postcard brings free pictures. National Radio Sales Co., Fuller Bldg., Wichita, Kansas.

WE PAY \$48 A WEEK, FURNISH AUTO AND expenses to introduce our Soap and Washing Powder. Bus-Beach Company, Dept A163, Chipewawa Falls, Wis.

SEND NAME, ADDRESS ON POSTCARD. Free introductory copy Salesology Magazine; contains 1000 money making opportunities offered by big reliable firms; no obligation. Salesology Magazine, Desk B-292, 400 N. Dearborn, Chicago.

BARREL LOTS SLIGHTLY DAMAGED CROCK-ery, Hotel Chinaware, Crockery, Glassware, etc. Shipped direct from Factory to Consumer. Write for Particulars. E. Swasey & Co., Portland, Maine.

WLS SEARS ROEBUCK RADIO STATION broadcasts produce markets at 10 o'clock and noon every day furnished by Coyne and Neyens Co., 1131 Fulton Market, Chicago. Poultry, Veal wanted for premium trade.

BE AN AUCTIONEER. A SPECIALTY SALESMAN. Send for free illustrated Catalogue, also, how to obtain the Home Study Course free of charge. Address: Reppert's Auction School, Box 60, Decatur, Indiana.

*The Farm Paper of Service—
That's us, folks.*

If we can be of service do not hesitate to write in. Advice costs you nothing if you are a paid-up subscriber.

—The Business Farmer,
Mount Clemens, Michigan

The SUN'S VITAL, HEALTH-PRODUCING ULTRA-VIOLET RAYS PASS THRU

FLEX-O-GLASS

PAT. PEND.—T. M. REG.

WEATHERPROOF

The Greatest Scientific Discovery Ever Offered Poultrymen and Farmers

When Flex-O-Glass was first introduced, leading authorities on poultry husbandry and plant culture wondered whether or not the strong claims made for this amazing material were true. They tested Flex-O-Glass thoroughly—they found it fully as wonderful as claimed, and they recommended it to you. Read what their scientific tests revealed.



The large chick was raised under FLEX-O-GLASS. The small chick was raised under glass. Both chicks from the same hatch were fed the same.

FLEX-O-GLASS is Recommended by World's Greatest Authorities

The American Medical Association Found FLEX-O-GLASS Wonderful

The American Medical Association tested Flex-O-Glass for 65 days, found it was not affected by months of exposure to wind, snow, sleet and all kinds of weather and advised 92,500 doctors to recommend it for sun rooms and poultry houses. They put 11 chicks under glass and 16 under Flex-O-Glass. After six weeks half of those under glass died. All but three under Flex-O-Glass were alive and each weighed one-third more than those under glass. This means you can raise twice as many chicks with a third more weight per chick at no more cost. You are safe in accepting the recommendation of the American Medical Association. Order genuine Flex-O-Glass for your whole farm NOW.

The British Illuminating Society Test Was Amazing

The British Illuminating Society divided a flock of hens for 16 weeks and fed both groups the same. The group that received Ultra-Violet rays laid 497 eggs. The other group laid only 124 eggs. This proves the Ultra-Violet rays alone, which Flex-O-Glass admits from the sun, brought 373 eggs. "God moves in a mysterious way, His wonders to perform."

Kansas State Exp. Station States:

"Some excellent results have been reported by practical poultrymen who have used glass substitutes, which will allow the passage of the health giving portion of sunshine to a considerable greater extent than glass." So writes THIS great authority in acknowledgment of the merits of Flex-O-Glass.

Famous Chemist Says:

Dr. Morse, for 45 years Consulting Chemist of Connecticut, says: "Congratulations are due you. Your statements I heartily corroborate. FLEX-O-GLASS makes hens lay, because the Ultra-Violet rays which penetrate it makes hens healthful, chemically active, and increases oxygenating power of the blood."



Wonderful For Children

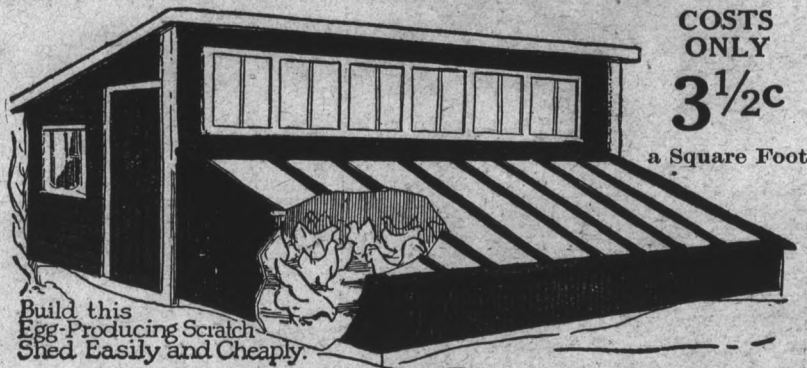
"Enclosed please find a picture of our children taking a sun bath. Showing one most important way we are using the FLEX-O-GLASS besides using for our little chicks."—Mrs. O. T. THOMPSON, Poskin, Wisconsin.

You Can't Go Wrong On FLEX-O-GLASS

The tremendous success of Flex-O-Glass and the universal endorsement the farm and poultry world has accorded it, has led other manufacturers to claim the same lasting qualities for their products. Hence to protect you, we want to remind you that Flex-O-Glass is made by an exclusive secret process on which there is a U. S. patent pending, and that this process results in a glass substitute of a far more durable nature. Flex-O-Glass IS waterproof and unbreakable. It DOES withstand wind, rain, sleet, and snow. It STAYS bright, fresh and new-looking many seasons. Be sure to use only genuine Flex-O-Glass.

If you are not one of our hundreds of thousands of satisfied customers, realize the value of FLEX-O-GLASS now. Order today, before you lose our address. Prepare for zero weather now. Use our guaranteed coupon from this page and get your money back if not satisfied in every way.

(Progressive Dealers Wanted)



Build this Egg-Producing Scratch Shed Easily and Cheaply.

COSTS ONLY

3 1/2c

a Square Foot

Makes Your Hens Lay to the Limit All Winter Long!

Hens lay more in June because they exercise in the warm sunlight full of energizing Ultra-Violet rays. Build a FLEX-O-GLASS scratch shed quickly and give your hens these same benefits through the cold months. You'll gather eggs all winter while prices are highest. Don't feed hens for nothing. This scratch shed is easily and cheaply made on to your poultry house. No matter how cold outside, in it your hens will stay healthy, scratch and exercise vigorously in the soft sunlight full of egg-producing Ultra-Violet rays that cannot pass through glass. Thousands of enthusiastic users and leading poultrymen have found a

FLEX-O-GLASS scratch shed a wonderful investment. 15 yards covers scratch shed 9x15 feet for 100 hens.

If you don't want to build a scratch shed for your hens, just take the glass out of your poultry house window sash and nail the Flex-O-Glass on. The house will keep warmer because Flex-O-Glass keeps the sun heat in; the Ultra-Violet Rays that the Flex-O-Glass admits will keep the hens active, stimulate their egg glands—they'll stay healthy and lay all winter. Actually makes room much lighter than plain glass does. Takes advantage of our Special Offer now.

PORCHES and SCREEN DOORS Easily Enclosed with FLEX-O-GLASS

Don't let your porch be a cold bleak, useless snow trap this winter. Tack a few yards of Flex-O-Glass over the screening or on 1x2 inch wood strips easily. Save fuel, avoid drafts and enjoy a warm, sunlit room flooded with an abundance of Ultra-Violet rays. Use for work, reading, rest or health room. Also makes a healthful chil-



dren's playhouse, as the Ultra-Violet rays overcome child's aching legs (rickets). Also overcome many other diseases in adults as well as in children. The American Medical Association recommends Flex-O-Glass for health rooms. Take their advice. Make YOUR porch into a health room or children's playhouse NOW.

Use on BROODERHOUSE



Put chicks in a Flex-O-Glass brooder house. The Ultra-Violet rays will keep them free from rickets. You'll get broilers for market and laying pullets a third earlier. Use 15 yards of Flex-O-Glass for 300 chicks. Read in left column how American Medical Association proved the value of Flex-O-Glass to anyone raising chicks.

Makes HOG HOUSES Lighter



Hog Houses must be light. Flex-O-Glass windows make interior much lighter than glass because sunshine is diffused and sent to every inside corner. Little pigs grow much faster—ready for market earlier—when given Ultra-Violet rays through Flex-O-Glass.

HOT BEDS

Plants grow faster under Flex-O-Glass, and they don't die when transplanted. Flex-O-Glass doesn't chill like glass does and it holds heat longer. Sashes are lighter and easier to handle too. Use Flex-O-Glass on your hotbeds, cold frames and greenhouses.

Just Tack Over Broken Windows



Quicker, cheaper, better than glass for garage, barn, factory and school house windows. Poultry and animals do better behind Flex-O-Glass; men work better in rooms with Flex-O-Glass windows—children do better in school rooms windowed with Flex-O-Glass. Remember! No mill work needed. Just cut with shears and tack on. Stays bright and fresh many seasons.

EASY TO INSTALL



You don't need any special mill work; no elaborate frames, no special tools to make a Flex-O-Glass scratch shed or to replace your glass poultry house windows with this wonderful Ultra-Violet ray admitting material. It's very easy to Flex-O-Glass every window on your farm. Just cut Flex-O-Glass to size and nail on. Wind can't tear it off. Rain, snow and sleet do not affect it.

There is Only One FLEX-O-GLASS

All glass substitutes are not Flex-O-Glass. The genuine is made on special cloth base having a scientifically calculated mesh that admits the most Ultra-Violet rays and at the same time is doubly strong and durable to resist wind, rain, ice and snow for

many seasons. It keeps heat in and cold out. There is only one Flex-O-Glass and every yard is marked for your protection. Users find Flex-O-Glass stays bright and new much longer. Get the genuine and avoid dissatisfaction. Used all over the world.

UNBREAKABLE

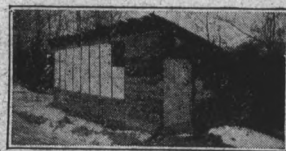
Users All Over the World Prove What Scientists Discovered



Thousands of people have voluntarily taken the trouble to write us telling of the exceptional durability of Flex-O-Glass. They

tell of instances where Flex-O-Glass has withstood heavy snows, hard sleet storms and driving rains, and that Flex-O-Glass stood up under abuse that ruined other materials. They also write enthusiastically of the amazing health-giving properties of Flex-O-Glass—how this wonder material keeps hens active and shelling out eggs all winter—no matter how cold the weather. Genuine Flex-O-Glass is marked on every yard for your protection. Be sure to get the genuine.

415% Increased Egg Production



"I bought FLEX-O-GLASS about Oct. 1, 1926 and thereby hangs a tale. Not until January had I any accurate figures on production, so I waited until the end of that month to write you. My FLEX-O-GLASS is still O. K. and my egg production shows an increase of 415 percent over last year. (One hen laid 25 eggs in January.)"—A. A. Shisler, Macon, Ill.

Wouldn't Be Without FLEX-O-GLASS

"Enclosed find photo of one of my chicken pens, using your FLEX-O-GLASS for scratch pen. I like it very much—can't keep hens outside. They prefer to be in even on sunny days. It is so easy to put on, and closes a large space in a short time. Makes a neat job. Wouldn't be without it. Makes my scratch pen so cosy."—CHAS S. GRAUL, Reading, Pa.

Flex-O-Glass is GUARANTEED Most Durable and Best

Order your supply from us today. Use it 15 days. If then not absolutely satisfied FLEX-O-GLASS is far better and more durable than any other material, or if it doesn't give more warm, healthful light than glass or other materials which claim to do what FLEX-O-GLASS does, just send it back and we will cheerfully refund your money without question. This guarantee is secured by \$1,000.00 deposited in the Pioneer Bank, Chicago.

PRICES—All Postage Paid

Per yd. 36 in. wide; 1 yd. 50c; 5 yds. at 40c (\$2.00); 10 yds. at 35c (\$3.50); 25 yds. at 32c (\$8.00); 100 yds. or more at 30c per yards (\$30.00).

SPECIAL TRIAL OFFER

We will send you 15 square yards of FLEX-O-GLASS in a roll 36 inches wide, 45 ft. long, postage paid to your door, for \$5.00. This will cover a scratch shed 9x15 feet—size for 100 hens—or use for enclosing screened porches, storm doors, hotbeds, cold frames, brooder, poultry and hog house windows, etc. Order your supply today. You take no risk. Satisfaction guaranteed or your money back. Valuable poultry information and instructions Free with every order. Tear out coupon and mail with check, money order or currency NOW. Your order will be filled the day received. Send \$9.50 for 30 yards if you wish larger trial roll.

QUICK DELIVERY!
Mail this COUPON now!

FLEX-O-GLASS MFG. CO., Dept. 411
1451 N. Cicero Ave., CHICAGO, ILL.

Find enclosed \$5.00 for which send me 15 square yards of Flex-O-Glass 36 in. wide, by prepaid parcel post. It is understood that if I am not satisfied after using it for 15 days I may return it and you will refund my money without question.

Name.....

Town.....

FLEX-O-GLASS MANUFACTURING CO.
1451 N. CICERO AVE. Dept. 411 CHICAGO, ILLINOIS