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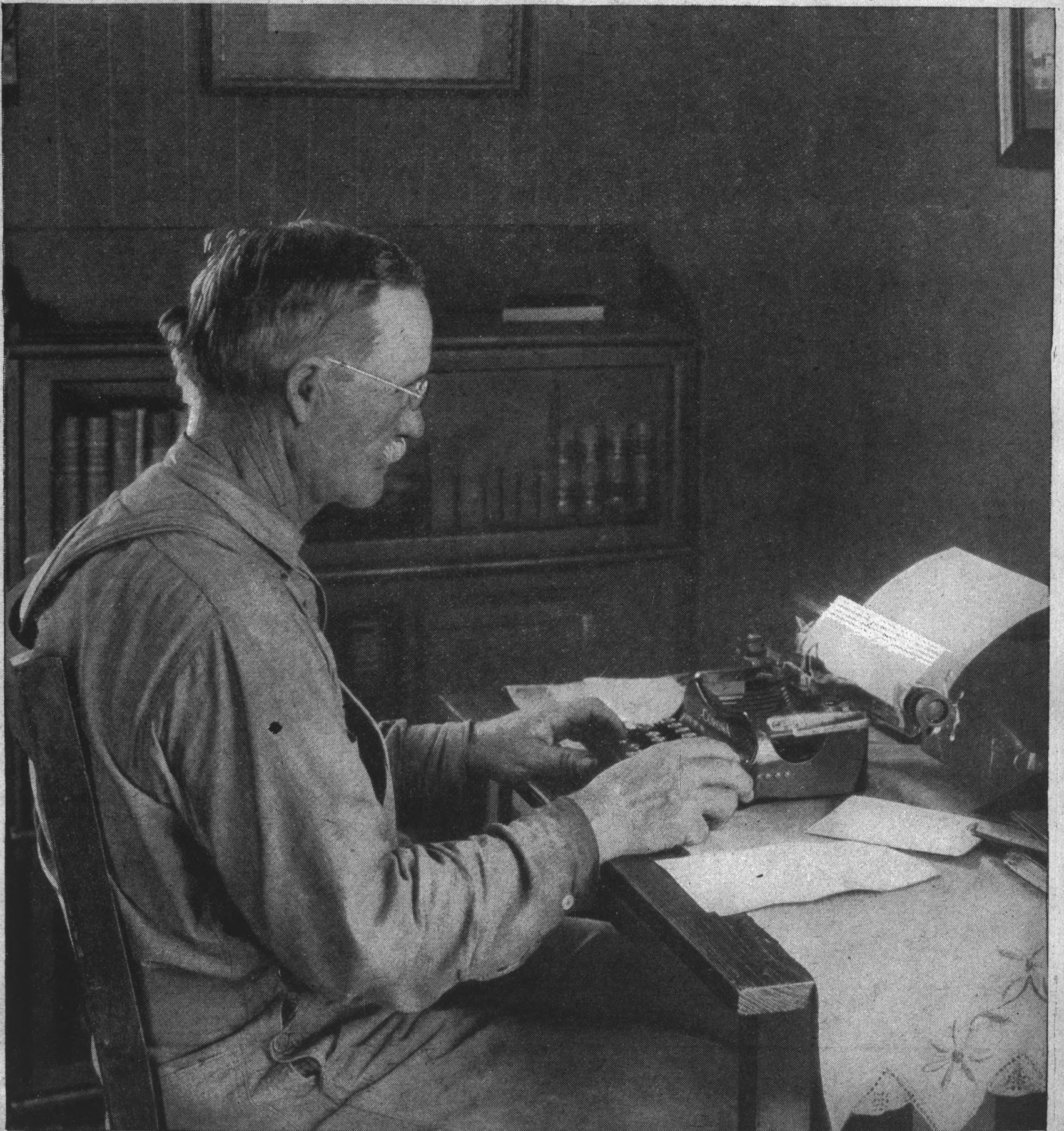
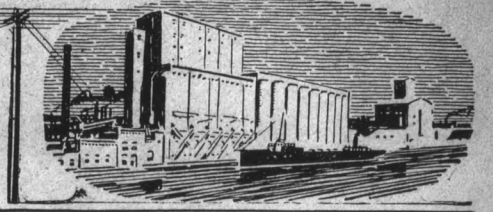
*The Michigan*

OCTOBER 8, 1927

# BUSINESS FARMER



*An Independent  
Farm Magazine Owned and  
Edited in Michigan*



EVERY GOOD FARMER SHOULD BE BUSINESS MAN ENOUGH TO REQUIRE SOME CORNER HE CAN CALL AN OFFICE

**In this issue: "What Shall I Do To Control the Corn Borer?" — "Eight Counties in Gaylord Show"  
— "Results of Corn Borer Fight Are Encouraging" — "Through Our Home Folks' Kodaks" —  
"Farmers Service Bureau" — "Publisher's Desk" — and Many Other Features**



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W.S. DEWING  
President



**KALAMAZOO**  
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Your FREE book is ready—alive with interest, full of new features. Reduced prices are in effect! A new 5-year guarantee is in force! See the Beautiful Porcelain Enamel Ranges in beautiful delft blue and pearl gray—the very latest and most popular of all ranges. Look for the Mahogany Porcelain Enamel Heating stoves—the most popular of all heating stoves. Read about the new Hot Blast, improved fire box—more heat from less fuel, a clean fire without smoke or soot. See the latest improvements in warm air furnaces—pipe and pipeless.

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671 Rochester Ave. Kalamazoo, Mich.

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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, OCTOBER 8, 1927

GEORGE M. SLOCUM  
Publisher

MILON GRINNELL  
Editor

Entered as 2nd class matter,  
Aug. 22, 1917, at Mt. Clemens,  
Mich., under act Mar. 3, 1879.

## "What Shall I Do To Control the Corn Borer?"

*This Question and Several Others Regarding This Pest Are Discussed and Answered*

By H. C. RATHER

Extension Leader, Corn Borer Work, M. S. C.

WHAT shall I do to control the European Corn Borer? What are the most economical means of combatting this insect? Can I disc wheat or rye in my corn stubble this fall?



H. C. Rather

What are the government corn borer regulations? These are questions on the minds of all farmers in southern and eastern Michigan these days; questions most pertinent to the future welfare of Michigan agriculture.

Let us answer the last one first and then go back a bit for some of the whys and wherefors.

For a copy of the state regulations governing operations which are necessary for the control of the corn borer in Michigan write to Mr. A. C. Carton, Director, Bureau of Agricultural Industry, New State Building, Lansing, Michigan. Mr. Carton will send you a leaflet outlining and explaining what must be done in this state in seeking to control the borer; and a map in this leaflet will tell you whether or not your farm is within the area where corn borers have been found and government regulations applied.

Now, to go back and review the status of the corn borer, what he has been doing, and why this unprecedented anxiety over an insect pest.

The European Corn Borer was first found in this country about ten years ago. People who claim to have known this borer here for years are mistaken, and have confused this worm with some other, perhaps closely related but much less dangerous pest. Some of the cousins of this European invader resemble him so much that they can be distinguished only by highly trained and experienced insect experts. None of them have proven anywhere near so destructive as the European corn borer, however, and the problem with this pest is a new one and a very serious one.

### Nears the Corn Belt

Year by year this new pest has spread out from New England, from New York and from Canada until his invasion borders on the very heart of the corn belt. His outposts are already on the head waters of the Mississippi and it seems certain that he will become established wherever corn is grown.

Left alone the European corn borer possesses almost unlimited powers of destructiveness. A peculiar brand of ignorant politicians in some of our neighboring states do not agree to this, and some of them are urging farmers to fight cleanup measures, branding the corn borer menace as a huge hoax. Such men are the corn borer's best allies. I wonder what kind of a reception they would receive over in Kent and Essex counties, Ontario. These two counties four or five years ago grew 200,000 acres of corn. Many of the farmers were former Ohioans, Hoosiers from Indiana, or corn growers from Illinois. The southeastern Ontario soil and climate are fine for corn and they grew real corn-belt crops. Then the borer came. Today that corn acreage has been cut down over 90 per cent. These Canadian corn growers have had to practically abandon the growing of a five or six million dollar crop and try to find

something to replace it. Don't tell the residents of Kent or Essex counties that the corn borer isn't dangerous, and don't take my word for it if you have any doubts. A day's ride from any place in the Michigan corn borer area will take you into Ontario a few miles from Detroit, and there is all the evidence anyone needs to prove what the corn borer, uncontrolled, can do.

There is no apparent reason in the world why the corn borer cannot do the same thing in Michigan, or in the whole United States that he has already done in Ontario. Here the stakes are much larger; a \$50,000,-

000 crop in Michigan; a \$2,000,000,-000 crop in the United States.

The borer already has a strong foothold in five states outside of New England. So far, there has been but little commercial loss in Michigan. Last year some sweet corn fields in Monroe county were a total commercial loss, but real damage was not wide spread. If Michigan farmers continue to cleanup in the fine way they did last spring, or even better, there need be no great commercial losses. The borer will continue to advance slowly, corn growing will be a little more expensive, adjustments in methods and acreage

will be made, but corn will still be successfully and profitably grown as one of our most important crops.

### Low Cutting

New methods are rapidly being developed which make the control of the corn borer easier. One of the more promising of these is the low-cutting attachment to the ordinary corn binder. This attachment costs but little and, under good conditions leaves less than two inches of stubble. One binder working in northern Ohio left a stubble which averaged seven-tenths of an inch in length and only two per cent of the stubbles were over two inches.

The low-cutter is an effective aid to corn borer control, because the stalk is cut off below the place where the borer is likely to be hiding. If a clean job of cutting is done which leaves less than a two-inch stubble, and if the stalks which contain the borer are finely ground, finely shredded, or properly ensiled that job of killing borers is done for the season. Ensiling the corn does not give the borers which are in the ensiled stalks a chance. They are either cut to pieces beforehand or killed by fermentation afterwards. Proper shredding or grinding, so the stalks are finely cut, is about ninety-eight or ninety-nine per cent effective, according to government entomologists.

### Urge Plowing

The low-cutter will likely prove the best weapon for the farmer who wants to disc small grain into corn stubble without plowing. Discing the grain in undestroyed stubble which has not been cut low is bad, and does not give any measure of borer control. Unless a low-cutter or stubble beater is used, Michigan farmers should plow for all small grains. Fall plowing for oats and barley is more desirable than spring plowing, both from the standpoint of borer control and the effect on the small grains. Fall plowing more than pays for itself in the increased yield of the grain. Spring plowing also usually gives a slight increase in yield over merely discing the land, so corn borer control measures are really in keeping with the best farming practices.

Certain heavy sticky soils do not plow very well, especially in wet weather. If a low-cutter or a stubble beater has not been used, raking and burning may be resorted to. This works fairly well with hogged off stalks or standing corn when the stalks are poled off or broken off with a T-rail, then raked and burned.

(Continued on page 20)



## Eight Counties in Gaylord Show

PREPARATIONS are well under way for holding the fifth annual Top O' Michigan Potato and Apple Show at Gaylord on November 2, 3, and 4.

This show has grown from one of few entries back in 1922 until last year there were over 350 entries in all departments. This year a superintendent has been appointed for each department to facilitate the handling of entries and exhibits.

Mr. A. C. Lyle, secretary of the show, is very optimistic over the attitude of several of the large apple growers of northern Michigan. They have promised to make liberal entries. "While we are interested primarily in potatoes in northern Michigan we also realize that several of the counties in the Top O' Michigan Association produce high quality apples," remarked Mr. Lyle. Increased premiums in apples should be added incentive for all apple growers to make entries this year.

In potato exhibits this show is the best in the State. The competition is very keen at the Top O' Michigan Show and exhibitors from northern Michigan invariably place high at other State shows.

This show has brought about a gradual improvement in the potato industry of northern Michigan. This

is reflected not only in the show room but in the field, the storage bin and in the attitude of out of state buyers for Michigan northern grown certified seed.

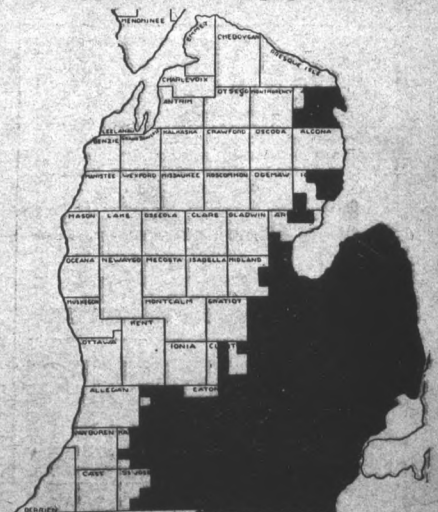
The ten year average for potatoes in the State is only 103 bushels. The ten year average for the Top O' Michigan counties is only 108. The average for the State last year was 120 bushels while the Top O' Michigan average was 145 bushels per acre. Growers and others interested in the show believe that much of this benefit has been derived by competition in the show room.

This year Charlevoix county has entered the Association. The Top O' Michigan Potato Show Association now comprises the eight counties of Emmet, Cheboygan, Presque Isle, Charlevoix, Antrim, Otsego, Montmorency, and Alpena.

Other contributing agencies are the State Department of Agriculture, the Michigan State College, and the Michigan Central Railroad.

The premium list this year will exceed the \$1,300 offered last year.

The officers of the show are: President, R. C. Bennett of Alba; Vice President, Irvin Cole of Alanson; and Secretary, A. C. Lyle of Gaylord.



This map showing in black the territory in Michigan where the European Corn Borer has been found was prepared from the latest official information given out during the International Corn Borer conference in Detroit.



# Waste



## 3 to 4 Bushels per Acre

—are overlooked by huskers according to various authorities who have kept accurate records over a period of time.

Bernard Vogen, Rushford, Minn., writes us that "the average man gathering standing corn will leave several bushels per acre in the field. It costs from 4 to 6 cents per bushel to gather and store a crop of corn. Hogs will gather it for nothing and make it into pork."

How much does it cost you NOT to have hog-tight fence? Even only 3 bushels wasted per acre on 40 acres at 80 cents is \$96.00.

## RED BRAND FENCE

### "Galvannealed"—Copper Bearing

will make enough extra grain and live stock profits to pay for itself in 1 to 3 years by making possible hogging-down, rotating crops, pasturing after harvest, etc., and the profits will pile up for many, many years.

C. W. Lynn, Norman, Neb., writes: "My hogs paid me \$1.26 per bushel for my corn in a 20-acre field. Hog-tight fence saved me the labor of husking, shelling and hauling (all big items) to say nothing of the higher grade of market hogs and the premium on my corn crop."

Gotlieb Detke, Appleton, Minn., hauls no manure, his farm produces twice as much as it used to and is worth double what it was before he fenced stock-tight.

A. E. Longenecker, Leonida, Mich., says 20 sheep and one sow will pay the taxes on a 200-acre farm and build 100 rods of fence each year.

We have thousands of other comments from successful farmers telling about the extra profits that are the result of hog-tight fence.

Fence and cross fence this year for greater gains. Ask the Square Deal dealer to show you RED BRAND FENCE.

An extra heavy coating of zinc "Galvannealed" on the outside keeps rust out. Rust-resisting copper mixed in the steel keeps long life in. These things make RED BRAND last years longer. One piece stay wires, well crimped line wires and can't-slip knots keep it trim, hog-tight, bull-proof. Fence and cross fence this year with RED BRAND for bigger profits.

What has been your experience with or without good fence? We will pay \$5.00 or more for each letter that we use. Write for details, catalog and 3 interesting booklets that tell how others have made more money with hog-tight fence.

**KEYSTONE STEEL & WIRE COMPANY**  
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## Results of Corn Borer Fight Are Encouraging

THERE is a very popular phonograph record on the market of two colored boys who do considerable arguing about the early bird catching the worm. One boy says, "Let him have it! Who wants a worm anyhow?" If you could have attended the International Corn Borer tour from Toledo to Detroit on September 21st, then across the river into Canada on the 22nd for a day, and back to Detroit for a conference on the 23rd you would have been ready to agree with the colored boy.

About 150 entomologists, agronomists and others interested in the European corn borer eradication work started out on the morning of September 22nd, from Toledo, to visit some of the infested area of Ohio and Michigan and also see what is being done at the government experiment stations near Monroe and Toledo. That night was spent in Detroit and early the next morning they were joined by more Americans and many Canadians in a tour of Kent and Essex counties, Ontario, Canada.

The road we took from Windsor to Chatham was familiar yet it was not. It was the same road we had trav-

out during the conference. Even though we did fight them the borers increased 61.84 per cent this year in the states of Michigan, Ohio, New York and Pennsylvania. In our own State, where the hardest fight was put on, the increase was 232.9 per cent, which is the highest of any of the four states named. The next one was Pennsylvania with 168.8 per cent, followed by New York with 54 per cent and Ohio with 25.5 per cent.

These figures without further information are discouraging and misleading because they lead one to think the harder we fight the worse we are off, but that is not true.

It is agreed that the corn borer came to Michigan from Canada, the moth flying across and the borer floating across the river and lake on and in pieces of corn stalk. Our most heavy infestation is along the south-eastern shore line of Michigan where it is but a short distance to our Canadian neighbor. St. Clair county which is just across the river from Canada is the most heavily infested county in the United States, having an average of 113.44 borers to every hundred stalks. Last year this aver-



**BIG OAT CROP ON THE CLEMENT FARM**

Most folks think of Paul C. Clements, of Britton, as a seed corn grower, but that is not the limit of his activities. Here is a picture of a field of 14 acres of Worthy oats grown on his farm this year that produced 1,368 bushels and they weighed 37 pounds to the bushel. Mr. Clements is shown at the left.

eled on previous trips, but where were the cornfields? Three years ago this fall we saw lots of corn, never being out of sight of a cornfield, but this year they were miles apart. About one tenth the acreage there was three years ago, we were told, and in its place are found tobacco, tomatoes, sugar beets, grapes and barley.

Our return trip took us through territory where fields of corn were more plentiful, and from the road, there appeared to be little if any damage, but close inspection revealed a heavy infestation. Not only were many of the stalks merely hollow shells because of the work of the pests but the majority of the ears contained borers. A fairly strong wind would lay any of the fields flat to the ground.

Reports of the various committees came in for attention on the last day, Friday, and recommendations on the continuing of the work were read and approved. Also leading officials in the eradication work in both the United States and Canada gave short talks.

### Borers Increase

There is no question about there being an increase in the borer population this year as compared with last year, according to figures as of September 19th, which were given

age was only 51.84 borers. The closeness of Canada and the fact that they conducted an eradication campaign and there was less corn in that country this year for the borer to work in are credited with the increase.

The same reason for the increase in population of the borers in St. Clair county can be applied to all of the area under quarantine in Michigan.

### Comparison

An increase of 232.9 per cent during 1927 looks rather discouraging after our intensive fight of last spring, but when you compare this with an increase of 612 per cent last year, when nothing special was done to combat the pest it certainly shows that our time and money are not being spent in vain. Last year Ohio had an increase of 184.2 per cent compared with only 25.5 per cent this year. New York broke about even with 54 per cent this year and 56.3 last year, while Pennsylvania shows an increase of from 147.7 to 168.8 per cent. For the four states this averages 380.1 per cent increase for 1926 and 61.84 per cent for 1927. Of course these figures for 1927 are of September 19 and it is thought that the final count will show a lower figure, but they (Continued on page 20)

## CORN CRIBS ROSS METAL GRAIN BINS

(COPPER-CONTENT—GALVANIZED)  
ROSS METAL CORN CRIB for ideal curing and economical handling of crop. Large and rapid circulation of air; strong convenient port-holes in sides and roof; rigid construction. Easily erected. Special inducements for orders now. Write today.  
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**CHAMBERLAIN BEAN COMPANY**  
Port Huron Michigan

## 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.



**ONE OF OUR FAMILIES IN ALLEGAN COUNTY LIVES HERE**  
These building are located on the farm of Harry Waldron and son, readers of M. B. F., in Allegan county.



# THRU OUR HOME FOLKS' KODAKS



**CHARLES EDWARD BOWKER.**—Grandson of Mr. and Mrs. David Bowker, of Bay county.



**"THREE THOROUGHBREDS."**—The pretty young lady is Myrtle Snellenberger, daughter of Wilson Snellenberger, Genesee county. The calves she is holding are purebred Jerseys.



**EDWARD AND EDWIN.**—"My twin brothers," writes Lula Carpenter, Missaukee county.



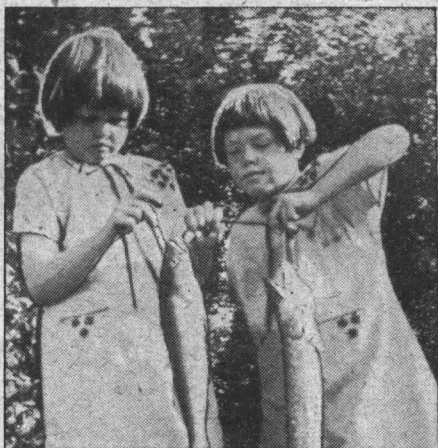
**"SOME COWBOY!"**—This young horseman is Philip Kullman, nine months old son of Mr. and Mrs. Philip Kullman, Sr., of Isabella county. He rides well, doesn't he?



**"HOLD STILL IF YOU WANT YOUR PICTURE TAKEN."**—Says Clair Stevens of Montcalm county.



**JUST A COUPLE OF GOOD PALS.**—LaPierre Stimson, of Barry county, and his son, Alton, are great chums. Who is the best man in the world? Just ask Alton that question.



**"SOME FISH!"**—The girls are Arlythe and Lolyle Hunter, of Cheboygan county. The fish they are holding were caught in Indian River.



**HOW WOULD YOU LIKE TO JOIN THEM?**—George, Dorothy and Elizabeth, children of Mr. and Mrs. Neil Jenkins, of Gratiot county, are having a nice party. Their dog, Jim, is assisting them. Wouldn't you like to pull up a chair and join them?



**FIVE GENERATIONS.**—Florence Cassety, Mrs. John Cassety, Mrs. H. Salisbury, Mrs. J. Campbell, H. S. Bachelder, Wexford county.



**"WANTA GO FOR A RIDE WITH US?"**—Cherry Viola and Marjorie Mae, daughters of Mr. and Mrs. Basil E. Nelson, of Tuscola county, are ready to go out riding.



**EVERYONE HAS A PAIL FULL.**—"I am sending you a picture of some berry pickers in our patch this year," writes Mrs. Norma Brown, of Saint Clair county.



## Farmers Service Bureau

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

### MAKING GOOD WHITEWASH

I wish to white wash my cow barn and hog house. Can you tell me how to mix the whitewash best so that it will not rub off the walls?—A. F., Carney, Mich.

**F**OLLOWING is a whitewash for sheds: Carefully slake half a bushel (38 lbs.) of good quicklime; strain the paste, while still thick, through wire fly screen and add it to a solution made by dissolving 14 lbs. of common salt in 7½ gallons of water, mixing thoroughly. Thin with more water.

A better whitewash, for high-grade work, is made as follows:

Carefully slake half a bushel (38 lbs.) of good quicklime; strain the paste, while still thick, through wire fly screen, add about 4 gallons of water, and allow to cool. (b) Dissolve 3 lbs. of borax (better trisodium phosphate) in about 3 gallons of skimmed milk (better in 1 gallon of water, which is afterwards added to 5 lbs. of casein previously softened for 2 hours in 2 gallons of hot water). (c) Dissolve 3 pints of formaldehyde in about 3 gallons of water. When the lime paste (a) and the

milk (or casein solution) (b) are thoroughly cool, slowly add the milk (or casein solution) (b) to the lime (a) stirring constantly. Just before using, slowly add the formaldehyde solution (c) to the batch, stirring constantly and vigorously. Adding the formaldehyde too rapidly may cause the casein to jelly, thus spoiling the mixture.

**CAUTION**—If all of this mixture cannot be used in one day use only half, or a third, or other fractional part of each of the three parts (a, b and c), and mix the rest as required.

In all of these directions, one sack (50) of hydrated lime can be added directly to the salt solution; in Nos. 2 and 3 it should first be made into a paste by mixing it thoroughly with about 7 gallons of water.—F. E. Fogle, Asst. Professor of Agricultural Engineering, M. S. C.

### MUST TELEPHONE MESSAGE IF POSSIBLE

Is the station agent supposed to see that a telegram is delivered when it arrived at the station? A telegram arrived in town Saturday morning for us and we did not get

it until Monday noon when the mail man brought it. We live four miles from town.—J. M., Kinde, Mich.

**T**HE station agent is under obligation to telephone the message to the sendee if possible. If this cannot be done, he may send it through the mail, provided the sender did not arrange for messenger delivery service.—Legal Editor.

### PAY IF RECEIVED BENEFIT

When we moved on this farm last spring there was just five acres of new seeding here. Would we be required to furnish our half of seed to offset all seeding pasture included or just the new seeding. We didn't get any hay off the new seeding that was here. When we moved here, all the hay there was was a small field of mostly weeds and we cut about three loads of timothy out of one of the pasture fields.

Our landlord is trying to make us pay for one-half of alfalfa seed for twenty-three acres. Do we have to pay it?—R. B., Allen, Mich.

**T**HE tenant should bear his share of seed for new seeding providing he is to receive direct benefit from it. Adjustments could be made on basis of direct benefit received from other meadows harvested for the first time.—F. T. Riddell, Research Assistant in Economics, Michigan State College.

### SELLING VINEGAR

Are we permitted to sell vinegar at store price from our home? We have nearly a barrel of good vinegar which we cannot use ourselves and was made on our own farm. Many of our neighbors have asked for it and some say we are violating the law.—Mrs. G. C. P., Stanton, Mich.

**T**HERE is no reason why you should not sell any quantity of vinegar that you may have on hand, providing that vinegar is made from pure apple juice, and contains at least four per cent acetic acid. If it contains more than that, it may be reduced to four per cent. The barrel or container in which it is sold must be labelled as follows: "Apple cider vinegar" giving the name and address of the manufacturer and the net contents in the container.

Your greatest problem will be knowing whether or not the vinegar is really up to standard, that is, whether it contains the required acetic acid content.

If you will send a pint of the vinegar to our laboratories, and at the same time write us the reason for sending; namely, to be informed as to the acetic acid content, we will gladly analyze it free of charge. You should, of course, write at the time of sending and state your reason for sending same.

If farmers or other persons who manufacture vinegar have a quantity in excess of their own needs, they may dispose of same in the manner herein outlined.—M. J. Smith, State Dept. of Agriculture.

### CHANGING NAME

We have a baby nearly five months old and we would like to change one of his given names. Is it possible to do so? If so, what would be the necessary procedure? Would it entail much expense?—W. A. R., Shepherd, Mich.

**I** WOULD go to the register of births and make application for a change in the child's name, so it may be put on record in the birth certificate. You would be required to make affidavit of your relationship to the child and as to the change you desired made.—Legal Editor.

### CAN SELL HIS SHARE

Two parties buy a piece of land for a joint contract. Can one party beat the other out of his claim or sell his interest without consent of the other party? If they can, please tell me what I can do to gain my rights again?—M. B., Hines, Minn.

**W**HERE two persons own property jointly, one may sell or dispose of his interest in the property without the consent of the other.—Legal Editor.

### HOLDS TWO OFFICES

Can a man act on the board of review and as highway commissioner at the same time?—A. R., Boyne City, Mich.

**A** PERSON could hold the offices of highway commissioner and member of the board of review if the duties of the one do not interfere with the duties of the other.—Legal Editor.

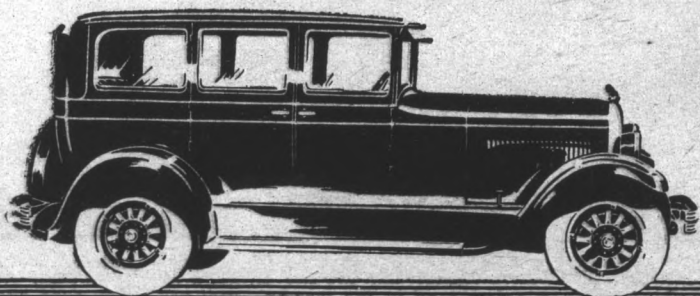
### Bulletin Service

(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 charge 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 APPLES.
- 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.
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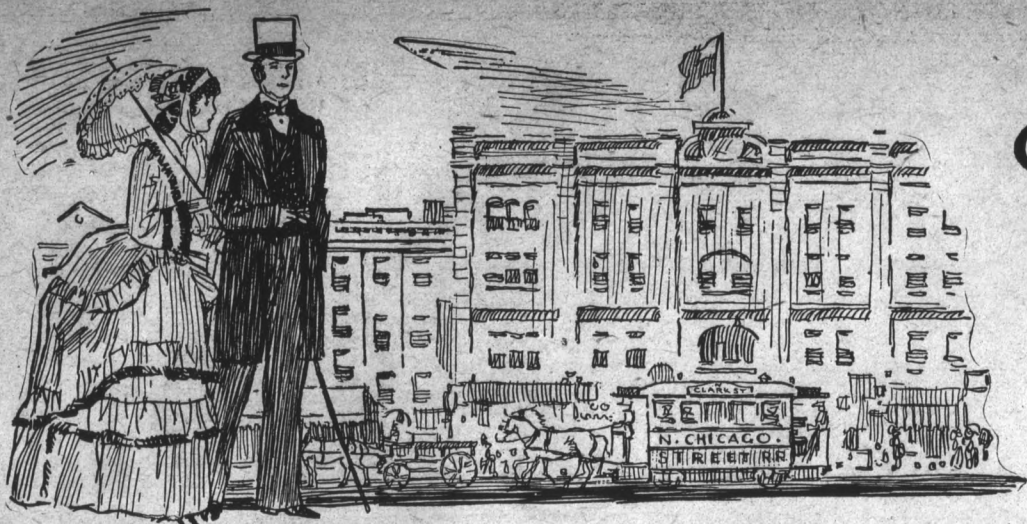
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### Saving Time on Ends of Fields

"LAST fall I had occasion to call on one of my neighbors. I found him cutting corn for silo. He had a field about 50 rods long and 20 rods wide and was driving clear around he end. I asked him why he didn't cut in the middle and make two lands of it, as I thought he could cut it quicker. He said he didn't believe he could do it any sooner that way, as he would have to drive just so much around the end any way. Yesterday I put the proposition up to a gang of men who were filling silo for me. They stood about 50-50 as to whether he could have done it any sooner. Now I am leaving it up to you to decide for us. We will be looking for your answers in the M. B. F."—C. E. S., Saranac, Mich.

When I first received this letter I was interested to know that C. E. S. found the division on the question to be 50-50. Therefore I put the same question to several just to see what their guess would be, and sure enough they were about equally divided. The thought seemed to be,



**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.)

there must be just so much driving on the ends anyway, but this is not the fact. If this farmer cuts up one side and then drives entirely across the 20 rods at the end and then cuts a row and drives entirely across the other end before he cuts the next row and so on for the entire field, he will drive about 940 rods just crossing the ends. If he will cut through the center of the field and cut around this opening (back furrow style) until there is left on either side a piece (of land) of equal width, and then cut these, making three distinct pieces of the field instead of one, he will have driven only about 350 rods on the ends in cutting the field. This is considerable saving in distance, being only about one third of the distance he travels cutting it in one piece. This reminds me of some farmers who, in plowing a square field, think they can gain time by cutting the field in two, and making

two long narrow fields instead of one large square one. Then they proceed to plow around and around these long narrow pieces. Their reckoning is defective, for they seemingly turn almost twice as many corners as they would in plowing it all in one piece. However, if they divide the field into lands and circle the ends, there is considerable gained in plowing the field in sections. This is our favorite way, and seldom do we ever plow around as many do today, and as nearly everyone used to.

### Cutting Clover Seed Today

It seems rather late to be cutting clover seed, and yet it is not all ripe yet. One would expect the clover seed crop to be a fairly good one this year on what few clover fields there were. Dry weather is supposed to be a necessity in the making of a large clover seed yield. Well we cer-

tainly have had the dry weather but the seed crop is a very modest one. I guess it has been too dry. One of the teams is cutting a field today. We have about three acres of sweet clover we left to cut for seed and it is very heavy, and gives promise of a large seed crop. The earlier seeds have all ripened and shattered, but seldom will one find such a seed prospect as the green ones now show. It must hurry up and ripen or it will freeze, and I don't know what freezing will do to it.

### Changing Times

Several years ago, our school district built a fine large fuel house with cement floor, large enough to hold considerable wood and coal—enough to last the winter season through. This was thought necessary as roads were very bad at times and no one wanted to get out and haul fuel for the school on bad roads. It's different now. Coal is used entirely as fuel and the roads always in good condition. It seems unnecessary to have storage enough for so much fuel at one time. In those days, the teacher nearly always boarded somewhere near the school. Late years the teachers have all driven a car to school and although for one or two of them the distance has been considerable, they have all lived at home. This will no doubt be the case from now on. It seemed too bad to see the teacher's car out all day long, in all kinds of weather, and why not convert that fuel-house into a garage and build a good coal bin in the end of it. Well, that is just what we have done. On a recent trip of some 250 miles through farming districts we saw only one or two district schools that had provided a garage for the teacher's car. Looks like a good thing and I expect nearly every school district will have a garage within five years. I believe the teachers will be more than pleased, if the smile our teacher had (when informed of our intention) is any criterion.

### Our Record Breaking Corn Crop

Corn is almost ready to cut. We shall start the binder in a few days. There are some soft nubbins but we cannot afford to risk the freezing of the fodder just to take a chance on these nubbins getting ripe. Don't laugh at the word nubbins. If it were not for them we wouldn't have any corn at all. As it is, there will be just a little more of it in the fodder than the cows should have or really need. We have about 50 hogs and it looks now as if we would husk some of the larger nubbins for the hogs. If this 30 acres of corn were on our home farm we would knock off the ears and then cut the fodder, then let the hogs in to help themselves to the corn. One thing is certain—if we are going to be the least bit particular about our seed corn we are not going to have any. If, however, we can be satisfied with a rather good nubbins I allow we can save our seed. Now I do not like to plant nubbins seed corn, and never have. But still there is a reason for this year's corn being poor and of the nubbins sort. It is not the fault of the seed we planted. For years back our seed has been selected from excellent stock. Should we have a good corn year next year I will take a chance on using rather doubtful looking seed corn. Of course it must prove of good germination, but we will not pay much attention to the "show points" of the ear. We will forget all about a score card for once.

Here comes James with a load of fertilizer and I must go help him unload it.

A group of Clinton county farmers made a trip to Monroe September 26th to visit the corn borer substation.

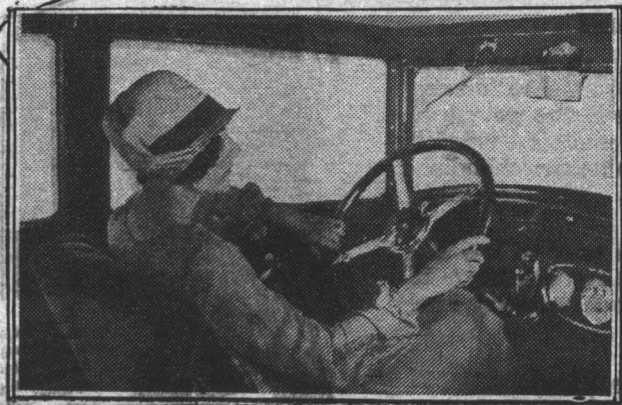
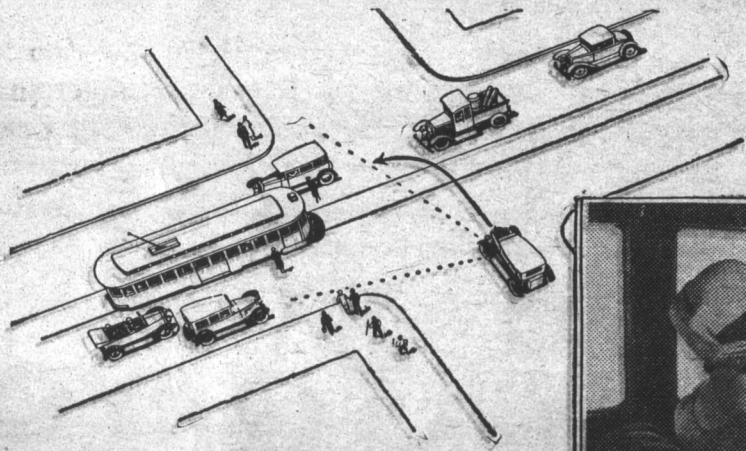
Marl digging was the subject of a demonstration on the farm of Arthur Plunkett, Clinton county, September 29th.

Ingham county farmers, led by their agricultural agent, J. G. Wells, Jr., visited the corn borer substation, 4 miles west of Monroe, on September 29th.

Exhibits at the West Michigan State Fair by members of Boys' and Girls' Clubs in western Michigan furnished unusually strong competition and in many cases carried off the highest honors that breeders of many years standing were bidding for.

# Clear Vision in Every BODY by FISHER

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**W**HEN you sit behind the steering wheel of a car with Body by Fisher, note how unobstructed is the view in front and to both sides.—Two features combined to create this greater safety and greater enjoyment in motor-ing.—One is the Fisher Vision and Ventilating Windshield, which affords vision through a single pane of plate glass, without metal or rubber strips to interfere with the clear view.—The other feature which makes Fisher-equipped cars safer and more pleasant to drive is the use of narrow front pillars of unusual strength, which eliminate the "blind spot" in driving.

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## What the Neighbors Say

## GET A DOG

DEAR EDITOR: I see in your paper where "L. F." will take rabbits if we will catch them carefully and ship them to him, where he has pits for them. Maybe he has been raised on a farm, and if he has, he wants them now, so he will have some.

He says rabbits do not do any harm, but I can prove to him or anyone else that they do. In the last two years the rabbits have destroyed about two hundred and fifty dollars worth of apple trees and peach trees for me. That was just the cost of the trees alone, not saying anything about the use of my land, the labor I used setting them out, and cultivating. If I figured everything, it would amount to about five hundred dollars. I sent for the game warden of Berrien county and he came to look over my trees, and he said he would get me a permit to use a ferret and it wasn't long before I got one from the State of Michigan to catch rabbits anytime that they do damage. I did not have a dog at the time, so I got one. The rabbits got so bad that I could not raise lettuce, beans or carrots. Since I have this Airedale dog, I can raise trees and garden truck just as all farmers do who have dogs. We are not bothered with chicken thieves.

If that "L. F." is a good farmer and calls dogs pests, I consider him not a farmer at all, for I have tried it both ways, with and without a dog, and you will find the most up-to-date farmer has dogs. If you understand that in the spring of the year, we farmers can not get along without our dogs. The farmer is the man to whom the citizen looks for his daily grub, and if we cannot protect it with a dog, we certainly can't be sitting down and watching it. What if the rabbit did not do any damage? Doesn't a farmer produce more in a year than a few rabbits a dog would catch? He also keeps the rats down, woodchucks, weasels, and does a dozen other good deeds.

We farmers must sacrifice for the sportsman, so he can go out hunting in the open season, shoot our game, cut our fences, or anything else. I say one thing; a dog is the best friend a man can have. Any man that calls a dog a pest, has never seen a good dog. If he had my dog for one week he would change his mind.

If "L. F." wants what rabbits I have left he can come and get them, and I will give him 25c a piece to get rid of them, before winter starts in, for by spring more trees will be destroyed.—B. A. K., Buchanan, Michigan.

## CORN BORER

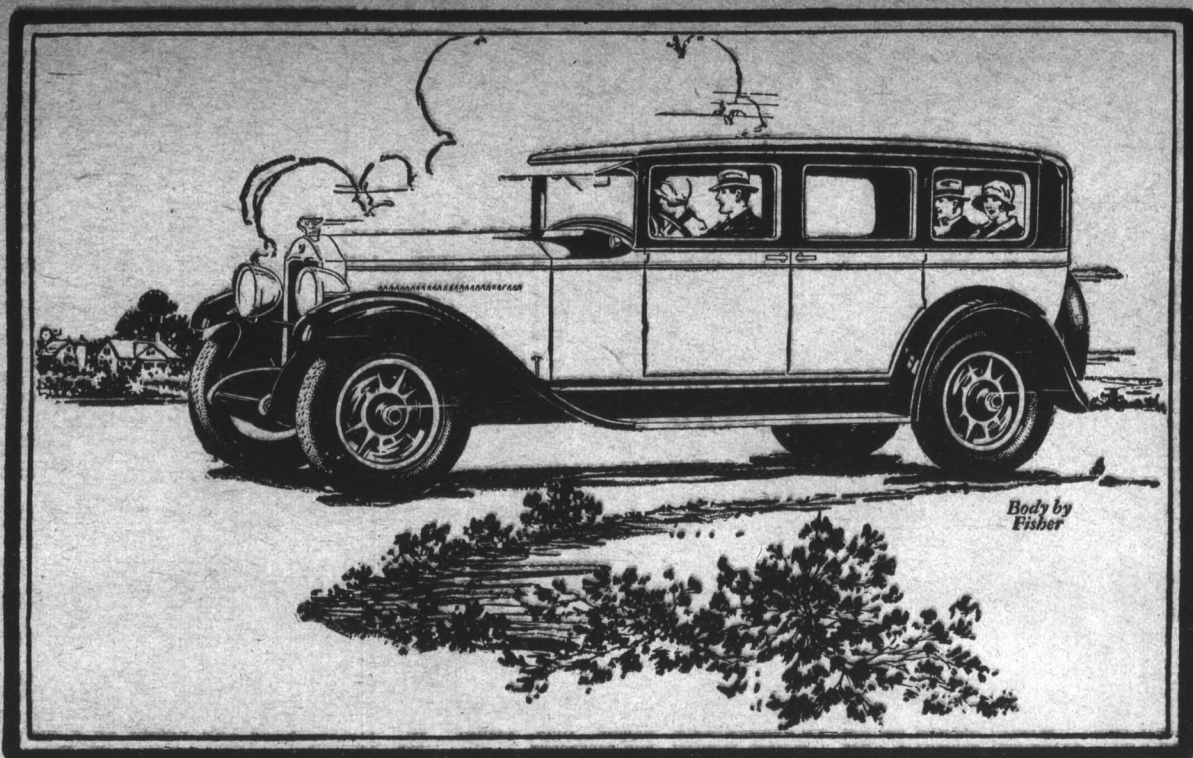
DEAR EDITOR: Am writing you in regard to what I think about this corn borer control. I live here in Barry county, where they claim to have found corn borers in every township this year. I have a neighbor that they claim has it in his corn. The inspectors were there when he was not at home, and he has looked and looked but has not found any himself. It looks to me as if these inspectors in order to hold their job down have made these reports. I have been to Lansing this summer and to Kalamazoo most every week and both places have to go by a quarantine line, and those men just get up out of their chairs and ask if you have any green corn. All you have to do is say "No." And the say, "All right, drive on." I've never had one look into my car yet.

For my part I don't think this is any way to control corn borer, and from reports I'm not the only one of the same opinion.

I am one for the "get down to business" stuff and a little less of those soft collar jobs.—C. H., Delton, Michigan.

## TO RIPEN TOMATOES

PICK the largest and best green tomatoes before the first frost comes; wrap them individually in pieces of newspaper and place them on shelf in a cool place. They will ripen gradually during October and November.



## BEAUTY that surpasses all tradition

Buick for 1928 is *Beauty for 1928*—a de luxe presentation of new motor car styles by the world's foremost designers. Here is what Fashion decrees:

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# STAR Equipment

## "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 Fredericktown 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 follows at a distance determined to rescue the girl.

(Continued from September 24 issue)

"WHEN do I get breakfast?" he asked plaintively, of the world at large.

Someone grabbed him by the collar and whirled him around.

"Where did you come from?" demanded a dry voice.

Duncan saw a big, lean fellow, with a thin hard face, a black line of moustache across the bronze of his skin, eyes that were hard and bright as a weasel's.

"Somebody told me to." Duncan looked like a very bewildered small boy. "He hit me on the ear and said, 'Get out of this,' so I crawled up on a horse and came along. When can I go back, mister?"

The outlaw laughed. "A volunteer chore boy, eh?" he commented. "Well, that's not so bad."

There were five other men around the fire. Beyond them, covered by a coat, was another figure. Duncan looked away quickly.

"More trouble," growled one of the bystanders, a fellow with a big nose that slanted the wrong way. "We'll have folks looking for this kid, too, now."

The leader whirled like a flash. Duncan hardly saw his arm move, so fast was the blow. The man with the crooked nose went over backwards. When two men lifted him up, there was blood all over his face and his left arm hung limp.

"There is only one captain here," announced the big man slowly. "Another time I'll use my knife instead of my fist."

"Yes, sir, captain," muttered the hurt man. "Didn't mean nothing."

Someone helped him to tie up his arm. Blood from his nose continued to drip over his dirty coat.

"My, but you're strong," said Duncan, open-mouthed. "You hit him in the nose and broke his arm."

The injured man explained hastily that he had hit a piece of wood as he fell and sprained his elbow. The captain looked at Duncan with more appreciation.

"You aren't such a fool, after all," he commented. "Now, I suppose that your father will miss you pretty badly, won't he?"

Duncan explained, truthfully, that he had no father and no relatives in the train. He was an orphan, taken along as an act of charity.

"Good!" The captain nodded his head. "And the girl's parents; they will be worried, of course?"

"They are stranger," Duncan explained. "Nobody with her except her father, and he—"

The thin lips under the black moustache parted in a smile. It seemed that Duncan had brought good news. The kidnapping, no doubt, had been an impulse of the moment, and the men had been alarmed about retaliation. The boy's statement

made everything safe. In the relief of the moment, the captain patted the boy on the back.

"Of course there's something to eat for you," he declared. "And you had better stay with us for a while. Gentlemen of fortune are better company than a bunch of Dutchmen."

Duncan thanked him submissively and got out of his sight at once.

Some chunks of meat were simmering over the fire on ends of green sticks. The boy slipped over toward these. One was near slipping into the fire. He recued it, browned it nicely in the flame and tendered it politely to the nominal cook, who was busy looking thru the contents of one of the sacks piled by the fire.

"Give it to Captain Locke," ordered the fellow in a surly tone, and the boy did as he was told. Locke was standing by the trail and issuing orders to the men who rode up to snatch a bite to eat, have a word with him and ride off again. He took the meat without comment and bit huge mouthfuls out of it, chewing as he talked.

There were thin cakes of moistened corn meal baking on a flat stone before the fire. Duncan took charge of these and parceled out food to the men who came and went. No one paid any attention to him, save that once in a while someone growled an inquiry to the cook, who, pleased by the work that Duncan was doing, declared that he was the new cook's helper, and badly needed, too, when a bunch of lazy scamps put all the work on one man.

The pack animals had long since been moved on with the bulk of the men, leaving only the captain and a small group, when the moment came that Duncan had been longing for and dreading. Locke walked over to the bundle on the ground and put a hand on it.

"This won't do," he said, not unkindly. "You need food in you. Here, sit up and try a bite."

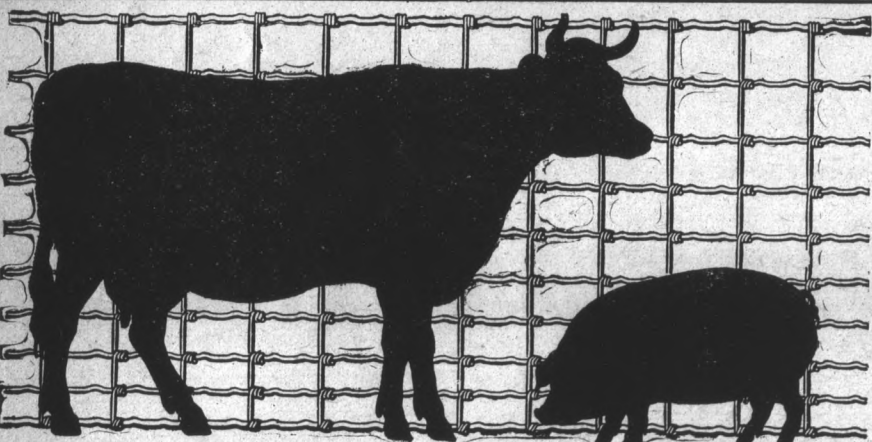
A head was shaken under the covering. The captain frowned; he began to expostulate. "There is a long ride ahead," he warned the girl, "better get ready for it." He explained that it was foolish for her to take on so. Now if she had fallen into some hands—but he was a gentleman and knew how to treat a woman. Kindness was his way; in a few days she would think better of him. Now about breakfast—

"No, no!" came a stifled voice. "I can't eat. Go away."

Duncan took pains to look away. He heard the captain come striding over to him. Duncan turned over the flap cakes. He felt the man's gaze on him.

"See if you can get that girl to eat something," he ordered. "We start in ten minutes."

(Continued in our October 22nd issue)



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## VETERINARY QUESTIONS

YES we answer those also. Our Dr. George H. Conn will give you good advice, we know.

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The base of Corona is extracted from the Wool of the Sheep. An amazing ointment for Burns, Scalds, Cuts, Sore Teats and Caked Udder of Cows, or any flesh wound on man or beast, also for Eczema.

**FREE SAMPLE.** If you are not a user of Corona send for free sample and our 24-page booklet of uses today and at our expense.

Sold by reliable Druggists and Harness dealers.

**OUR MOTTO—"Service First—Then Profit."**

THE CORONA MFG. CO., 81 Corona Bldg., Kenton, Ohio

## Opening the Books



A NON-SECTARIAN SERMON BY

**Rev. David T. Warner**

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

TEXT: "And the books were opened; and another book was opened, which is the book of life; and the dead were judged out of the things which were written in the books, according to their works." Rev. 20:12.

HIS impatience found vent in cursings. It was an annoying task that this man was at and it was every bit human to become harassed by it. Then he saw a preacher looking on and he felt shame. "Well," said the gray-haired workman, "it is so hard to get through this world, but we have to get through it somehow before we come to the next one." This is a bit of homely philosophizing, but the other world will be more friendly to all of us, as we are careful about this one. The "somehow" should follow "The Way."

The writer recently received a letter from a young lady in college. She

tells about her heavy program of work, but says she enjoys it for "that is what I am here for." This young friend is embalming life in a book; her book. But the profane laborer is writing a book; his book. His is about completed. She is in the first pages of her volume. Of both it eventually shall be declared that what has been written has been written. The young woman is a Christian and hard-working student, and bids well to have the last pages of her book written with a luminous and rewarding record. And the careless workman? Well, may God be merciful to him in the day he must face his own accusing record. Are you ready, in the court of the "great white throne" to read your autobiography with God presiding as jury and judge.

"And the books were opened." The average mortal attaches to this



metaphor something deep and striking. Yet not having the experience of that last solemn transaction, he cannot fully understand. But in that last day and at the entrance of a new and ageless epoch, we are called before the Supreme Court of God. The books will be opened. My book? Of course. Do you not know that every day you write a page of a permanent record? The High Court has transcribed this and a copy of it is awaiting you. It shall be read in your hearing. It will indict you or acquit you. The court is supreme. The decision is final. Serious enough, isn't it?

My mail just came. A young wife asks for advice. She relates some of the wrongs of her husband and then says, "There is a God in heaven to make him pay dear for it all some day." "Pay dear," "Some day." You too have used such phrases. Why? Because every human intuitively knows that there is something at the bottom of much of life that is sinful and that "some day" will be penetrated, exposed and condemned. Eternity is filming our life for a final and judicial showing. We shall be "judged out of the things written in the books." "For we must all be made manifest before the judgment seat of Christ; that each one may receive the things done in the body, according to what he hath done, whether it be good or bad." Of course, this recorded conviction of the apostle is caught from Christ, who said relative to final things, "Marvel not at this, for the hour cometh, in which all that are in the tombs shall hear his voice, and shall come forth; they that have done good unto the resurrection of life; and they that have done evil, unto the resurrection of judgment." It is clear that the Court of Eternity has issued a writ for our appearance. Even Death has no power to exempt. We cannot escape this Divine subpoena. And it is also clear that the purpose is to stand trial for the way we have lived. But really the testimony is all in. The verdict is prepared. We are simply brought into Court to hear it. We are there to hear the Judge say "Guilty" or "Not guilty." The book that we ourselves have written, forms the basis of the decision. But wait a minute! Right now God is judging us according to the way in which we write our lives down in the unfinished record. Do you care? Well, Mr. Average Man says lightly that he will run his chances. The words that I am now writing with a lead pencil will be manifolded by a typewriter. The manuscript is mailed for publication. The writer keeps a copy. You and I are manifolded our lives daily on the parchment of Eternity. Hidden agencies file a duplicate Yonder to be opened some day for our well-doing or undoing. The aim of this revelation is to solemnly charge us with the eternal and judicial nature of life. Nothing that we do dies, but what we do shall meet us Over There. "Look therefore carefully how you walk."

"Another book is opened, which is the book of life." This is the law-book of Eternity and contains the principles by which all mortals shall be judged. The standards of living set forth are eternally right. It has pleased God to reveal the Book of Life in the holy scriptures. But He shall also reveal to the individual his own book. This volume furnishes the facts of life; the facts of daily thoughts and deeds. It bears evidence of our works. The Great Judge takes the evidence and renders a verdict according to the Book of Statues. Now where is our excuse? Christ brought these laws from heaven for men. "If I had not come and spoken unto them," said He, "they had not sin; but now they have no excuse for their sin." And according to Paul, God's Redemptive Plan excuses no man, though he cannot read, or does not even know of the Bible. The counsels of God are to be "clearly seen" in "the invisible things of Him since the creation of the world." The person who has no access to the Gospel is not without obligation—nor hope. "The Lord \* \* \* is long-suffering, not willing that any should perish." So we have the revelation that if the conscience of the person "not having the law," concurs with divine light and power as witnessed in nature; and this person does "by

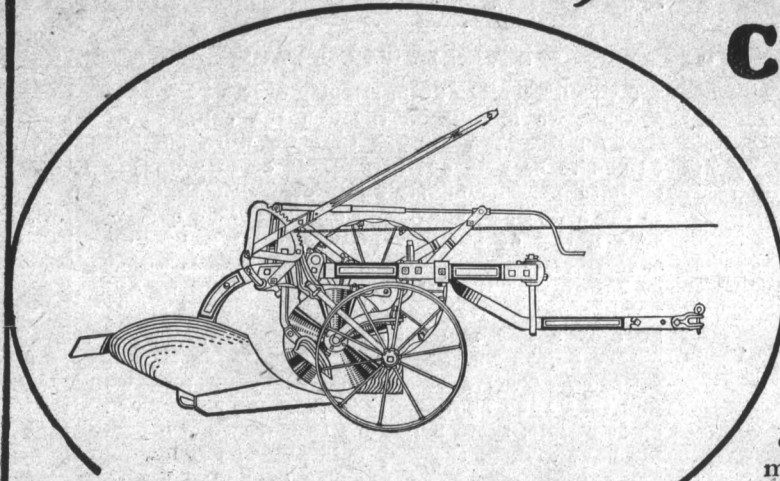
(Continued on page 21)

# Don't wait until next Spring

## Start Your Battle Against the

### CORN BORER

# NOW!



The Oliver No. 134XX Big Base Corn Borer Plow shown above is built to operate with any standard tractor. The No. 3AXX pictured below is designed special for the Fordson. The Oliver Big Base Plow is also furnished for use with horses.

Right now is the time to start your fight against the Borer. Experts agree that to control the Borer ordinary plowing will not do the trick. Your plowing must be clean—absolutely clean. If you leave trash uncovered it will not only protect the Borer this winter, but it may be necessary to hand-pick this trash next spring and burn it before your clean-up will be complete.

But you need not worry about a complete clean-up if you use an Oliver Big Base Plow this fall. It buries all trash. Your ground will be in ideal condition for oats, corn and other crops next spring. There is no other plow like the Oliver Big Base Plow. Its work is a revelation to farmers who own it—and to their neighbors who see it work.

Select your heaviest growth of stalks and let us show you how this Plow will completely bury them, and do clean-up work that will pass the most rigid inspection. Whether you are in the infested area or not you should be using one of these Big Base Plows. It means cleaner plowing, fewer weeds and better farming.

See the Oliver Big Base Plow your Oliver Dealer has on display and arrange for a demonstration in your heaviest growth of stalks and trash—the heavier the growth the better for this plow.

**OLIVER CHILLED PLOW WORKS**  
*"Plowmakers for the World"*  
 General Offices and Works—South Bend, Ind.

# OLIVER

## Save your corn!



### CORN IS MONEY

Thousands of bushels of corn are destroyed each year by fire, rats, mice and mold. This year you cannot afford this loss. Q Put a Dickelman Crib on your farm and save every ear of corn. It will pay for itself because every cause of waste is eliminated. Q There is a style and size that will exactly meet your requirements.

"Over 15,000 in use and every user a booster!"  
**DICKELMAN MANUFACTURING CO.**  
 620 Main Street, Forest, Ohio

### "THE FARM PAPER OF SERVICE"

That's us, folks. If we can be of service do not hesitate to write in. Advice costs nothing if you're a paid-up subscriber.  
 The Business Farmer, Mt. Clemens, Mich.

**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

**BATTERY**  
 All Electric

**MIRACO 1 dial sets**

Delighted thousands report Miraco's get 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 FREE TRIAL.

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 C light socket power units—deal direct with one of America's oldest reliable makers of fine radios (8th successful year).

**Only 49**  
**RETAIL**  
 COMPLETELY ASSEMBLED (8 Tube \$69.75)

**FREE! BEAUTIFULLY ILLUSTRATED CATALOG**  
 AMAZING SPECIAL OFFER

**6 tube Super \$36.75**

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

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_



# The Michigan BUSINESS FARMER

SATURDAY, OCTOBER 8, 1927

Edited and Published by  
**THE RURAL PUBLISHING COMPANY, Inc.**  
George M. Slocum, President  
MT. CLEMENS, MICHIGAN

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Published Bi-Weekly

ONE YEAR 50c. THREE YEARS \$1. SEVEN YEARS \$2.

The date following your name on the address label shows when your subscription expires. In renewing kindly send this label to avoid mistakes. Remit by check, draft, money-order or registered letter; stamps and currency are at your risk. We acknowledge by first-class mail every dollar received.

Address all letters to  
MT. CLEMENS, MICHIGAN

Advertising Rates: 50c per agate line. 14 lines to the column inch. 772 lines to the page. Flat rates.  
Live Stock and Auction Sale Advertising: We offer special low rates to reputable breeders of live stock and poultry; write us.

## 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"

## REPORT THE VIOLATOR

SEPTEMBER 5th was the date on which the law making it necessary for a buyer of poultry to keep a record of his purchases went into effect and since that date persons, firms, and corporations engaged in the business of purchasing poultry for resale are supposed to have a record of each purchase they have made. We have had reports from some of our readers advising that they found dealers in their community not observing the law.

Our recent legislature enacted this law in an effort to help curb the activities of chicken thieves in Michigan. The law is not perfect by any means, but if given a chance will do much good, and it is up to the farmers of this State to see that it gets this chance. When you sell poultry and the buyer—if he is purchasing them for resale—fails to make a complete record ask him about it. If he is not fully informed but appears anxious to comply with the new law advise him to write the Secretary of State at Lansing at once and he will receive a supply of blanks. But if he is indifferent to the law and signifies no intentions of living up to it report him to the officers. Advise your local sheriff, and if he fails to act get in touch with the Secretary of State or with us.

A man who violates the law can be fined any amount up to \$100 or imprisoned in the county jail for a period of not exceeding 90 days. If he violates the law he is a valuable aid to the chicken thieves and he should receive just punishment. You owe it to your neighborhood and to yourself to see that he gets it.

## TAKE A SHORT COURSE

THE season for short courses at Michigan State College is again but a short distance in the future. In fact, the first two begin October 24th, which is only a little over two weeks off. Others start in January and following months to run up to as late as the middle of next July. Most of them begin and end, however, during the first three months of the year. Anyone interested in the general agricultural course, either the first or second year, should take up one of the courses that open October 24th and continue through sixteen weeks. Or if interested in a certain subject one can take up any of the special courses devoted to dairy, poultry, farm mechanics, horticulture, floriculture or bees after the first of the year.

A short course for the farm women has been added this year and it is expected to prove very popular. It is called the home economics course, starting January 3rd and ending March 2nd.

One can enter any of the courses without examination or entrance requirement if they are sixteen years of age or over. There is no other requirement.

Dad, invest in your son by encouraging him to attend M. S. C. this fall and offering to pay his expenses. You will find it a profitable invest-

ment. And, young man, take advantage of opportunities of this kind whenever possible because the better farmer you are the more you will profit from your labors and have a better chance to enjoy life as you go along.

Send to the Director of Short Courses, Michigan State College, East Lansing, for a copy of the latest illustrated catalog telling of these up-to-date courses.

## SEVEN REWARDS PAID

IT was September 25th, slightly over a year ago, that we announced through the columns of THE BUSINESS FARMER that we were posting \$1,000 to be paid out in rewards of fifty dollars each to persons supplying information that led to the arrest and conviction of any person or persons guilty of stealing poultry from a paid-up subscriber to this publication. How long it would be before we paid out the entire thousand we did not know. Thieves were very active and it might be only a few months or possibly it would be longer before we paid out the last of the twenty rewards. Twelve months have passed and we find that \$350 has been paid in seven rewards to eight people, there being one case where two people have divided the fifty dollars. The following persons have received rewards of \$50: Frank Watkins, Holly; Walter Arnold and John W. Copp, Oakland county deputy sheriffs; Amos Jury, Ashley; Wayne DeBree, Greenville; Alton Hall, Charlotte; Alex McDonald, Houghton Lake; A. R. Geddes, detective with sheriff's office, Saginaw county.

In addition to this we took up the fight for L. J. Wilson, Montcalm county farmer who shot a chicken thief, arousing State-wide interest in his case. Petitions were circulated in his behalf and over a hundred thousand names were secured. Also we raised a fund to take care of his expenses and after paying his attorneys \$400 we still have \$456.70 on deposit in the L. J. Wilson Fund in the bank where it will remain until needed to defend any farmer who is brought to trial on a similar offense or any case which in our opinion deserves the support of M. B. F.

How many thieves we have been instrumental in putting behind the bars we do not know, but we can safely say fifty without fear of contradiction. That is not such a large number, but when we take into consideration many others who discontinued their activities along this line because of our campaign we feel that much has been accomplished.

Now we are entering our second year with \$650 of the original \$1,000 left to carry on the fight, also we have \$500 which we have posted to catch thieves who take farm produce, machinery or other livestock. What the year holds for us or how much we will pay out we do not know, but our fight is just getting under way and we sincerely expect to harvest a bumper crop of thieves this year.

Before we get through we want to make Michigan about as popular with thieves who prey on the rural communities as the corn borer is with the farmer.

## MICHIGAN DID WELL

ONE very interesting thing that was brought out during the recent International Corn Borer Conference held in Detroit was the difference between the spread of the borer in Michigan and Ohio. Michigan worked hard to eradicate the pest, doing more and better work than any other state interested in the campaign, while in Ohio quite a large number of exemptions were granted. Now we are learning the results. The corn borer has spread into many new counties in Ohio while here in Michigan we have held him fairly close to the old quarantine line.

Let us hope that this proves a lesson to those in charge in Ohio and in the future they work shoulder to shoulder with the other states in our fight to save the corn crop.

## WATCH THAT BULL!

FROM the Nashville News, Nashville, Mich., we learn of a farmer and one son who narrowly escaped death when attacked by an angry bull. The father and two sons were trying to drive the bull into the barn when it turned and started for one of the boys. Fearing for the boy's life the father attempted to stop the bull but was thrown to the ground. The bull then continued after the boy who reached a place of safety none too soon. It was a matter of two hours before they finally got the bull into the barn.

"The bull had never shown any signs of an evil disposition," states the paper. Another "gentle" bull that came near taking a human life.

## The Song of the Lazy Farmer



THEM big fish left me in the lurch for most a week, I caught some perch and now and then a little pike to show me what a fish was like, but them big fishes wouldn't pay no 'tension to my hook all day. Then one day, out there by the bar, the place where all the whoppers are, I got a feller on my hook so big, by gum, he almost took me head first into the lake. It made my arms and muscles ache aholdin' on to that there whale, he'd flip his fins and flick his tail and, golly, how the reel would sing, if I could swim like that, by jing, I'd swim the English channel and not care how far it was to land. I fought that fish till almost noon, he'd gobbled up my biggest spoon and though he tried to get it loose he found out that it wa'n't no use. At last I got him tuckered out and got my gaff into his snout, then when I got him on the shore I sat and laughed till I was sore to think how I would brag back hum about that fish I caught, by gum. Them catfish back in our creek would curl up and look pretty sick if they could see this fish I caught, they'd die of envy, like as not. I don't care what may happen now, the foot-and-mouth can get my cow, the cholera can git my swine or lightning strike that barn of mine. I've caught a young whale, and by gee, life don't hold no more thrills for me!

## PETER PLOW'S PHILOSOPHY

A Short Course sure helps a feller in the long run. An' the M. S. C. has got 'em all skinned in that line. They teach you most everything about farmin' except how to be a pessimist.

Near as I can figure out the big fight at Chicago, it was the public that lost and Tex Rickard that won.

Ever hear this one? A Scotchman went to a grocery store to buy some eggs and upon inquiren' 'bout the price he learned good ones were two cents each and cracked ones were one cent. "Well, crack me a dozen," said the Scotchman.

## COMING EVENTS

- Oct. 12.—Dairy Show, Reed City, Mich.
- Oct. 17-22.—National Dairy Exposition, Memphis, Tenn.
- Oct. 24-Mar. 2.—Short Course, General Agriculture, M. S. C., East Lansing, Mich.
- Nov. 2-4.—Top 'O Michigan Potato Show, Gaylord, Mich.
- Nov. 9-12.—Greenville Potato Show, Greenville, Mich.
- Nov. 14-15.—Potato Show, Cadillac, Mich.
- 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!





# Ask your Neighbor

What kind of spark plugs he finds most dependable in engine-driven farm equipment and it is two to one that he will say, "Champions!"

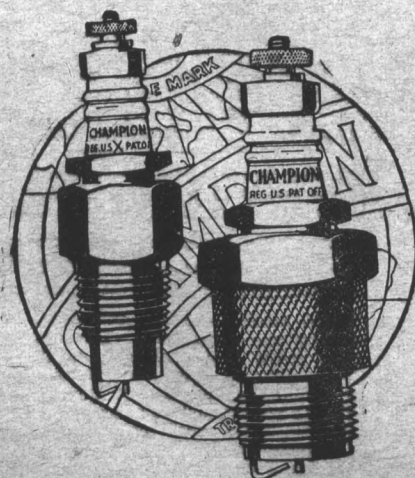
For Champions are known the world over as the better spark plugs.

Their exclusive sillimanite insulators which are practically unbreakable and strongly resist carbon formation—their two-piece, gas-tight construction making cleaning easy—and their special analysis electrodes which do not corrode assure greater dependability; better engine performance; longer life; and a saving in gas and oil.

Try a set of Champions in your truck, tractor, stationary engine or your own personal car and learn why the majority of farm owners as well as millions of car owners always buy Champions.

## CHAMPION

Spark Plugs  
TOLEDO, OHIO



Champion X—  
Exclusively for  
Ford cars, trucks  
and tractors—  
packed in the  
Red Box  
60¢

Champion—  
for trucks, tractors  
and cars other than  
Fords—and for all  
stationary engines  
—packed in the  
Blue Box  
75¢

### The Publisher's Desk

#### ALPHA COMPANY

Will you please find out if the Alpha Company, of Paterson, N. J., is alright? They want ladies to make dresses at home but want \$5.00 in advance.—Mrs. F., Quincy, Mich.

WE are quite familiar with the Alpha Company and their work-at-home scheme. Not long ago they sent us copy for an advertisement that they wanted us to publish in our classified columns. This copy read, "Ladies—Earn \$15 dozen sewing aprons; absolutely no selling, experience unnecessary; materials cut. Addressed envelop brings instructions. Alpha, 202 Market St., Paterson, New Jersey." Notice that nothing is said about the five-spot they must have before they send the prospective worker any material.

No doubt they would have been very happy if they could have had this advertisement appear in M. B. F. because it would have looked as though we recommended them to our folks. But we were not caught napping. We would not accept this advertising until we had made a very careful investigation, and after we got through investigating we would not take it at any price.

We found out that the company is operated by Jacob Sachs and Saul Gold, men who were formerly connected with the Golden Card Company, of New York City, which went out of business last spring as the result of a post office and better business bureau investigation. They advised the investigator that they paid from \$2.00 to \$5.00 per dozen for sewing aprons which hardly corresponds with the statement made in the ad, and the deposit was said to be \$1.50 instead of \$5.00.

Of course all aprons must pass inspection and you can readily see that an inexperienced worker would have considerable difficulty in turning out work that would be satisfactory.

We are still looking for the work-at-home scheme we can recommend.

#### CAR STOLEN

WM. SCHUPMAN, R. 1, Dundee, had his four door Chevrolet sedan stolen by two young fellows on the streets of Dundee on Sept. 25. It was a 1925 model, licence number 652-080, engine number 1876448, had dented right front fender and glass slightly cracked in right front door. He will appreciate any information if you have seen it.

#### DRUGS INEFFECTIVE IN TREATING INFECTIOUS ABORTION

LOSSES from infectious abortion of cattle, caused by a germ known as *Bacillus Abortus* (Bang), are not likely to be prevented or reduced by drugs or medicinal compounds, says the United States Department of Agriculture. The malady is commonly acquired through the mouth by consuming feed and drink contaminated with the germs, by licking affected animals, contaminated mangers or other objects. The disease is commonly brought into healthy herds by the introduction of affected cows and pregnant heifers.

I wish to thank you for the check from the poultry farm. I do not believe I should have ever heard from them if you had not taken up the case for me, and I thank you for taking so much interest in the case. We like THE BUSINESS FARMER and shall renew our subscription every time it runs out.—Mrs. H. D. Bellows, Mich.

### 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 September 30, 1927  
Total Number of Claims Filed ..... 3067  
Amount Involved ..... \$32,648.93  
Total Number of Claims Settled ..... 2568  
Amount Secured ..... \$30,325.29

# Sixes and Sevens

## —and 8's and 9's

Investments paying 8% and 9% often fool you. Even when they are safe—well secured by good collateral—they can be very unsatisfactory.

In investing, there's more to be considered than the rate of interest and the protection of the principal.

How about the promptness with which the interest is paid? Is it always a few days late? If it is, you're losing money every day it's delayed.

How much trouble is it to collect? If you have to spend time and trouble getting it paid, you are losing money again.

And how much do you worry about it? That worry is costing you health and happiness—worth more money than you can count.

Take these things into consideration when you invest! You'll often find that the seemingly attractive 8% or 9% will turn out at the end of the year to be only 4% or 5% after all.

First mortgage bonds issued by the Federal Bond and Mortgage Company pay 6½%. They are safe—protected by valuable, income-earning property.

But more than that—the interest is paid exactly on the day it's due. Never is it even an hour late. You never have any trouble collecting. All you do is clip a coupon. You never need worry.

This 6½ per cent is really 6½ per cent!

Before you invest again, find out about these bonds. Mail coupon below today!

## Federal Bond & Mortgage Co.

DETROIT MICHIGAN



Mail  
This  
Coupon  
Today!

Federal Bond & Mortgage Co.  
Detroit, Michigan

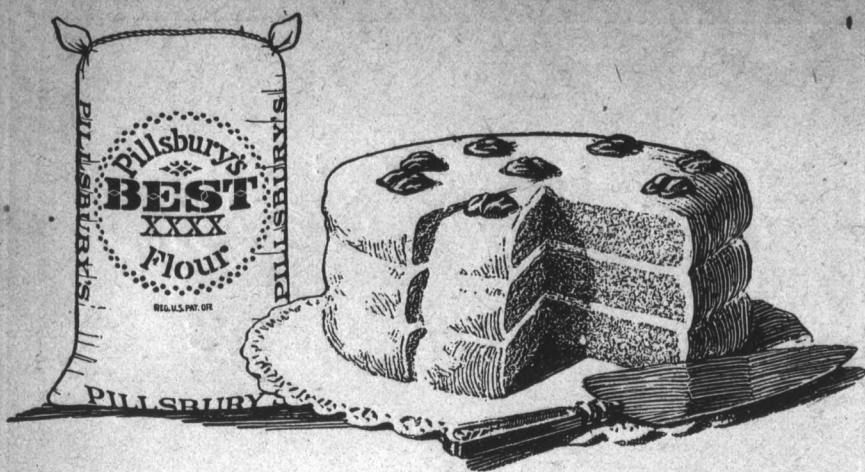
I would like to know more about your bonds. Please send me information.

Name .....

Address .....

1928





## Better flavor in your cakes!

Frequently the wrong type of flour will produce a cake that is perfect in appearance but poor in flavor. Be sure you use Pillsbury's Best Flour—it will give you that delicious, delicate, unmistakable flavor that marks the truly perfect cake, because it is made from carefully selected *full-flavored* wheat. You can depend on it for better flavor and more certain success with everything you bake—cakes, cookies, biscuits, bread!

# Pillsbury's Best Flour

for bread, biscuits and pastry

## Keep Your Butter Uniform and Hold Your Customers

Don't wait for your customers to complain about the variable color of your butter. Keep your butter that golden June color everybody likes by putting a few drops of Dandelion Butter Color into the churn. It is purely vegetable, wholesome and absolutely tasteless. It meets all State and National Food laws. All large creameries have used Dandelion Butter Color for years. It does not color buttermilk. You can get the large bottles for 35c from all drug or grocery stores.

Wells & Richardson Co., Inc.  
Burlington, Vermont

Send  
for  
FREE  
Sample

**INTERNATIONAL PAPER COMPANY**  
New York, N. Y., August 31, 1927.  
The Board of Directors has declared a regular quarterly dividend of one and three-quarters per cent (1 3/4%) on the Cumulative 7% Preferred Stock of this Company, and a regular quarterly dividend of one and one-half per cent (1 1/2%) on the Cumulative 6% Preferred Stock of this Company, for the current quarter, payable October 15th, 1927, to holders of record at the close of business October 1, 1927. Checks will be mailed. Transfer books will not close. OWEN SHEPHERD, Vice President & Treasurer.

**10 BIG WEEKLY ISSUES**  
of The Pathfinder, the liveliest, most unique and entertaining weekly magazine in America. Best fiction, pictures, wit, humor, information, news events, special features. Once you read The Pathfinder you will never do without it. Limited offer. SEND 10c TODAY!  
THE PATHFINDER, Dept. 304 Washington, D. C.

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



make cold weather Comforts



## KNIT PRINCESS SLIPS

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## THE FARM HOME

A DEPARTMENT FOR WOMEN

Edited by MRS. ANNIE TAYLOR

DEAR FOLKS:—Mr. Editor just advised me that space was at a premium in this issue so my letter can not be long neither is my message a new one.

Our boys and girls have been in school nearly a month now and I have not said one word about it, but this subject of education for our boys and girls is of keenest interest to me. I am sure if each one of you realized just how proud each child feels when parents show their interest in school work, and how much the teacher appreciates your interest you would not delay another week, so I am again urging each mother to become acquainted with the teacher and associates of your boys and girls, then if any difficulty arises during the school year you will be in a better position to understand and advise, as well as encourage the children toward greater effort and higher grades.

Your Friend,  
Mrs. Annie Taylor

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

## SPRING AND WINTER BLOOM

WHEN the deep snow of winter has melted away and the warm sunshine invites us outside we are reminded of the bulbs we planted away back in October. What a joy to poke away the old brown leaves from a bed of tulips or daffodils and find the green leaves already poking through the cold, moist earth! How glad we are that we planted them last fall!

But now it is October and are we planning for these early spring blossoms?

Tulips are the most popular bulb grown for spring bloom, and for winter flowering in the window they are incomparable. One of the best varieties for our climate is Prosperine, an extra large bright carmine rose single tulip. It is suitable either for outdoor or indoor culture. Other hardy varieties are Crysolera, a large pure yellow flower and Washington, a white. The single varieties surpass the double in brilliancy of color, but do not remain so long in bloom. Among double varieties, Ruba Maxima will be found good. It is an early forcer of deep red color. Lucretia pink, and Couronne d'Or, golden yellow, are other double tulips which will delight the grower. Dutch hyacinths are very easily grown. The perfume and color furnished by a bowl of these is particularly welcome in the depth of winter. Among many beautiful hyacinths Gigentea, single, blush pink, large broad spike, is very suitable for pot culture. Madam Kruger, white, and Mauve Queen, also produce handsome flowers. The crocus, the daffodil, and the snowdrops are other spring beauties that may be had for a small outlay in the fall. The cost is for bulbs only; the work is a labor of love and any boxes or pots which fit the window sill will do for containers.

For pot culture, plantings may be made at any time from September to December, though October is the best time. A light rich soil with a mixture of well-rotted cow or sheep manure is most suitable. Use a four or five inch pot, and have the top of the bulb just above the surface. After potting, give a good watering and set away in a cool cellar or out-house for from six to eight weeks, giving water occasionally, after which they may be brought to light in a sitting-room or other room. Bulbs in water are satisfactory, especially paper white narcissus as they grow rapidly and blossom within a few weeks after planting.

Steady the bulbs by placing pebbles at their base and fill the bowl with water. Give fresh water every few days. They should be left in the dark for several weeks, until the top growth is well started and the bowl a mass of roots.

Outdoor planting may be effected at any time from the first of October until the ground is frozen. Any good, well-drained soil, will grow bulbs, but should be well spaded and pulverized. If the soil be heavy clay, mix thoroughly with sand and well-rotted cow yard manure; fresh manure is injurious. Raise the center of the beds so that water will run off quickly, as the bulbs are liable to rot if water stands. Before extremely severe weather comes on, cover the beds with about four inches of leaves; if coarse manure or

straw is used, cover six inches. In the spring remove half the covering and the balance as soon as the plants begin pushing their way through the soil.

The best season for planting peonies is in the fall of the year. Fall planting is better than spring planting, because the large buds are not disturbed on the roots, and also because the plants get better established in the spring before the growing season begins.

An important point in connection with the planting of peonies is not to plant them too deeply. Non-blooming of peonies is often due to having the roots buried too deeply in the soil. For best results the roots should be placed two or three inches below the surface and not closer than two feet apart.

There are many different varieties of iris and the various combinations of color in most of them are very lovely. August is perhaps the best time to plant the "toes" of iris, but they often blossom the first year when not planted until spring.

The blossom of the German iris is much larger than the Japanese iris and much more common. These are easily grown and require almost no care.

There are many seeds which may be sown in the fall of the year, some of which are poppies, marigolds, bachelor-buttons, sweet allysium and cosmos. Sweet allysium is only pretty when used as a border, but all of the others are good to cut.

## Personal Column

**Know This Song?**—May I ask for the song that I know a few words of: "You can't holler down our rain barrel; You can't climb our apple tree; You'll be sorry when you see me sliding down our cellar door; You can't play in our yard any more; I don't want to play in your yard if you won't be good to me?"—Mrs. R. H., Boyne City, Mich.

**"Bridal Chorus."**—I would appreciate it very much if some one would send me the words to the song "Bridal Chorus."—E. M. P., Wolverine, Mich.

**Popular Songs.**—I would like to get the following words to these songs: "Ukulele Lady," "Thanks For the Buggy Ride," "Out in the New Mown Hay," "Just a Bird's Eye View of My Old Kentucky Home."—R. N., Whittemore, Mich.

**"A Gay Spanish Maid."**—I would like to get the words to the song "A Gay Spanish Maid."—Mrs. H., Topinabee, Mich.

## —if you are well bred!

**Table Service.**—Table manners. Table manners are important. Parents should try to train their children so that they will be able to meet credibly any situation which may arise. To the young boy or to the young girl, a knowledge of table manners gives self possession, charm, and a natural pleasing manner. Conventional rules are not arbitrary but it is impossible for them to be ignored or under-rated completely. With the many books published on table manners and with each very often giving a different suggestion as to the proper method of procedure under different situations, there is a great need for the ability to discriminate between the rules which are of such importance that they should be observed, and the rules which stress a point of such minor consequence that adherence to them is not necessary. Table manners show rather definitely the refinement of a person.



## Favorite Songs

## I'M A STERN OLD BACHELOR

I am a stern old bachelor,  
My age is forty-four,  
I do declare I'll never live,  
With women any more.

## CHORUS:

Little sad shanty,  
Sad shanty give to me,  
For I'm a stern old bachelor,  
From matrimony free.

(After second verse: "From alimony free." in chorus for "From matrimony free.")

I have a stove that's worth ten cents,  
A table worth fifteen;  
I cook my grub in oyster cans,  
And keep all things so clean.

When I come home late I have no fear,  
I smile and walk right in,  
I never hear a voice yell out,  
"I say, where have you been?"

On a cold and stormy winter's night,  
In my cozy little shack,  
I sing my songs and think my thoughts,  
With no one to talk back.

I go to bed whenever I please,  
And get up just the same;  
I change my socks three times a year,  
With no one to complain.

At night when I'm in peaceful sleep,  
My snores can do no harm,  
I never have to walk the floor,  
With an infant on my arm.

And when I die and go to heaven,  
Where all old bachelors do,  
I will not have to grieve for fear,  
My wife won't get there too.

## Recipes

**Our Favorite Pumpkin Pie.**—For two pies take one quart stewed and strained pumpkin, no juice, one cup milk, one half teaspoon cinnamon, one fourth teaspoon ginger, one half cup sugar, one fourth teaspoon salt, two teaspoons baking powder. This is nice when eggs are high.—T. S., Hudsonville, Mich.

**Sweet Pickled Peaches.**—One-half peck peaches, 2 pounds brown sugar, 1 pint vinegar, 1 ounce stick cinnamon, cloves. Boil sugar, vinegar, and cinnamon 20 minutes. Dip peaches quickly in hot water, then rub off the fuzz with a towel. Stick each peach with four cloves. Put into syrup and cook until soft, using one-half peaches at a time. Pack into sterilized jars.

**Peach Conserve.**—Twenty-five peaches, 1 dozen plums chopped fine, 1 pound seeded raisins, 1 orange sliced, 1 large can shredded pineapple, 1 pint of sugar. Cook until thick, then add ½ pound chopped nuts. Put in glasses and seal.

**Peach Butter.**—Peel and stone the peaches. Cook them in a very small amount of water until they are reduced to a pulp. Add two-thirds as much sugar as pulp, and cook the mixture until it is thick and clear, stirring it frequently. Pour it into clean, hot jars or cans and seal them.

**Oyster Salad.**—2 cups oysters, 2 cups diced celery, 2 eggs, ¼ cup cream, ¼ cup vinegar, ½ teaspoon mustard, ½ teaspoon celery salt, few grains cayenne, 1 tablespoon butter. Clean and parboil oysters, drain again. Serve on crisp lettuce leaves.—Mrs. G. C., Marlette, Mich.

**Mahattan Pudding.**—1½ cups orange juice; ¼ cup lemon juice; 1½ cups powdered sugar; 1 cup heavy cream; 2 cups chopped burnt almonds; 1 teaspoon vanilla. Dissolve ¼ cup sugar in fruit juices. Turn into chilled mold or can of ice cream freezer. Whip cream, add remaining sugar, almonds and vanilla; pour over first mixture, seal tightly; pack in equal parts of ice and salt for 3 hours.

**English Pork Pie.**—Make a pie crust, not very rich, and line sides of deep baking-dish. Fill with layers of thinly sliced bacon, potatoes, onions, and lean fresh pork, cut into small pieces. Season with salt, pepper, and sage. Pour over gravy left from roast or stock thickened with browned flour. Cover with crust and bake for an hour and a half.

**Economical Salad Dressing.**—Mix 1 tablespoon flour, 1 teaspoon mustard, 3 tablespoons sugar, shake of cayenne, and a little black pepper. Beat two eggs, and add mixture. Then add 2 cups milk and 1-3 cup vinegar, beating well with egg-beater. Lastly add 1 tablespoon butter and heat in pan of water until butter melts, stirring constantly. Then place directly on gas and stir until it thickens.

The dressing should be without lumps, but strain if necessary. After removing from fire, add 1 teaspoon salt. If salt is put in earlier, the dressing is likely to curdle.

The dressing is good for fruit salads, lettuce, tomato, etc. By adding a small can of pimentos put through food chopper, a delicious dressing is obtained for sandwiches, lettuce or potato salad.

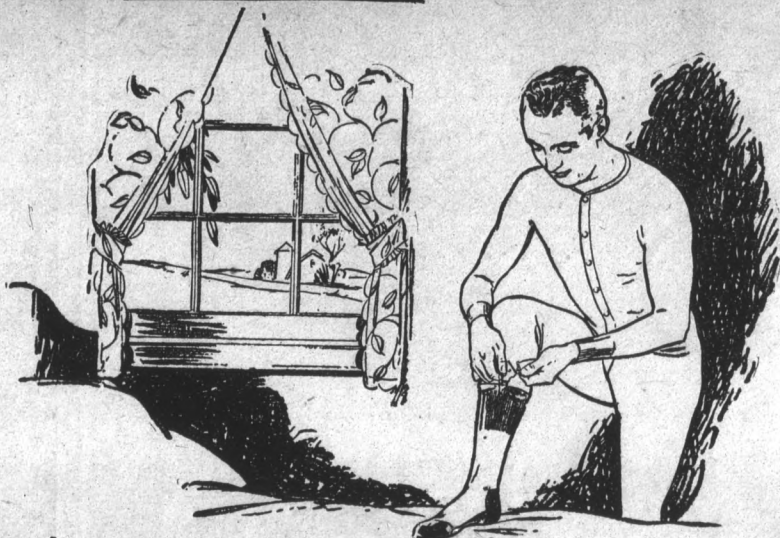
If yolks of eggs are left over, these may be submitted in place of whole eggs.

885  
DEPT. STORES  
FROM COAST TO COAST

## MICHIGAN

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Iron River  
Ironwood  
Ishpeming  
Kalamazoo  
Lapeer  
Ludington  
Marquette  
Manistee  
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### Aids to Good Dressing

#### BE SURE TO GIVE SIZE

**5923.—Girls' Dress.**—Cut in 4 sizes: 6, 8, 10 and 12 years. A 10 year size requires 2 yards of 36 inch material together with ¼ yard of contrasting material.

**5914.—Ladies' Dress.**—Cut in 7 sizes: 34, 36, 38, 40, 42, 44 and 46 inches bust measure. A 38 inch size requires 2½ yards of 54 inch material together with ¼ yard of contrasting material. The width of the dress at the lower edge with plaits extend is 60 inches.

**5932.—Boys' Suit.**—Cut in 3 sizes: 2, 4 and 6 years. A 4 year size requires 1½ yard of 36 inch material together with ¼ yard of contrasting material.

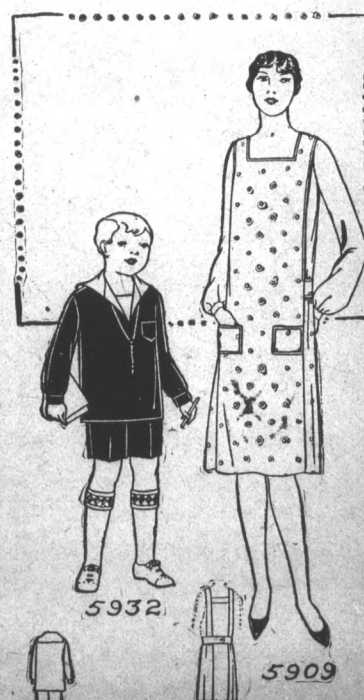
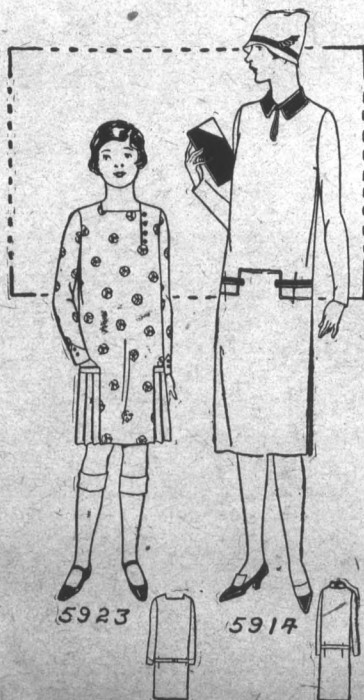
**5909.—Ladies' Apron.**—Cut in 4 sizes: Small, medium, large and extra large. A medium size requires 2½ yards of 36 inch material. For binding as illustrated 7½ yards will be required.

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## The Children's Hour

Motto: DO YOUR BEST  
Colors: BLUE AND GOLD

DEAR Boys and Girls: How many of you remember Eathel Fay Sharp, of Akron, Mich., the girl who always writes those extremely interesting letters that show she is always looking at the sunny side of life? Yes, there are others who write very interesting letters but Eathel's are different and if you read one you would remember her. Surely most of you recall some of her letters on our page. Well, Eathel is very unhappy just at present and I wish you would write her a nice letter to cheer her up. Her dear father recently died and it seems to her as though all the sunshine has gone out of her life. It has not, of course, but she loved her father very dearly and it will take some time for her to get over the loss. A letter from you will help cheer her up. Will you write one? Whenever I have asked you to write to a crippled or sickly friend she has always been among the first to respond, being ready and anxious to extend a helping hand to those less fortunate than herself. Now, here is an opportunity to prove to her that her kindness is appreciated and that your heart goes out to her in her hour of unhappiness. Let's send her so many letters that it will be impossible for her to answer all of them in a week.

Our latest contest is proving to me that there are many fishermen among our members and I will announce the names of the winners in the next issue. Maybe we will start another contest, too.—UNCLE NED.

### Our Boys and Girls

Dear Uncle Ned:—I am a new member or at least want to be. Now I must first find out what I must live up to and how I can get a pin which will take me about ten or twenty minutes.

Well, Uncle Ned, I found it, but I am afraid I don't understand it, but I think that you send a pin to all of the new members that haven't any. Also a card with our motto, colors, etc.

Well, Uncle Ned, I think maybe we can have a club down this way. I mean a club like some of the other cousins have. Some of my girl friends and I were waiting to have some kind of a club so I think it would be nice to have one of those, don't you Uncle Ned?

I had a nice time at Shepherd, Michigan, recently visiting a girl friend. But I was sick when I got home so that was lots of fun, wasn't it, Cousins?

I am a girl five feet tall, brown hair, fair complexion. My hair is bobbed, of course, and have grey eyes. Am eleven years old and in the sixth grade.

Hoping that old Mr. Waste Basket isn't hungry.—Norma Leonard, Alma, R. 5, Michigan.

—I hope you do organize a club among

your friends, Norma. Let me know how you get along and if I can help you just call on me.

Dear Uncle Ned:—As I am at home today I thought I would write you a line. I have written many times but Mr. W. B. gobbled it up, I guess.

Well, as I have read one of the other girl's letters telling about their 4-H Club I thought I would tell all of you about ours. There are about twenty-two in all that is the Calf Club and the Canning and Potato Clubs. We have our club business and program first and then we play games and then our lunch. The cow tester started it first long last spring sometime. I have to can thirty quarts



### GOOD SCHOOL RECORD

Ernest Fete, of Adrian, has a real school record. He is twelve years old, and he passed the seventh grade last spring without missing one day of school or being tardy since he first entered school. He should feel real proud of such a record.

of fruits and vegetables. I think that Elona Maki will like the club very well. I do at least.

Here is a riddle for you to answer. If there was a duck ahead of a duck behind a duck and a duck in the middle how many ducks were there. I will tell you in my next letter but I wish some of the girls and boys could answer it.

As my letter is getting long I will close. Hoping some of the cousins will write to me and I will try to answer all that I receive. Your niece.—Jessie Layman, R. 1, Box 44, Mio, Mich.

—My but you are lucky. You see Mr. W. B. was out some place when your letter arrived so he couldn't gobble it up.

### BOOKS

Books are keys to wisdom's treasure,  
Books are gates to lands of pleasure,  
Books are paths that upward lead,  
Books are friends, come let us read.

### A Game to Play

#### STATUE TAG

PLAY with one "it." To be safe players must kneel with arms outstretched. After playing this way for a while, the new "it" each time may designate the position in which they must be, to be safe.

### ADVANTAGES OF CLUB WORK

TO the Farm Boys and Girls of Michigan:—I am asked to give my views on Boys and Girls Club Work and I'm so glad to do so through this paper.

There's no training outside of regular school that will reflect on the future life of our boys and girls more than Club Work. It is one of the opportunities that our young people have now that Dad and Mother did not have in their day. In a livestock club be it sheep, calves, chickens or pigs the club member starts with a good specimen; they are trained to know what makes a good specimen; they are trained how to care for it properly, and just what such an animal can do and then if it is to be sold they have the experience of proper salesmanship. This is a great education for any future farmer. Dad had to guess about quality and experiment on feeding and care and sometimes it took many years to get the right start to be successful, hence many men have become discouraged before they reached the point of success and gave up trying. Club boys can make a good start from the very beginning. Then with the handicraft work the boys learn how to use tools, how to do painstaking work, how to observe the need of conveniences around the house and barns and can become the real handy man of the farm. This training will serve him well in after years. With the girls the training is something that will help to form their household habits of life. They will learn to be punctual, to be exact, to be economical and to be artistic. In sewing the lessons taught will be useful every day of her life; in cooking she learns what to eat and how much to eat and how to prepare food properly. Those dependent upon her will not run the risk of experiments and useless mistakes.

And best of all, the whole thought of club work rests on being able to work together in groups, on playing the game square, on winning through efficiency and on being good losers when necessary. All of these traits mean much to the man or woman if they have become a fixed habit in youth.

And I would urge every boy or girl now enrolled as club members to look about you and see if there is not some other boy or girl in your neighborhood who should be with you. If so, show them the advantages of this training and tell them of the splendid meetings you have and keep them with you if you can. Some day they will thank you for your interest in them. And remember someone has had to be your leader. Perhaps it has been a busy man or woman, yet someone who has had some thought for your future welfare. Your greatest appreciation can be shown by being willing to serve as a club leader yourself as soon as an opportunity presents itself. I truly look to these club members to be our agricultural leaders of the future. They will find the enjoyment out of rural living always there if looked for and they will be trained for success in their undertakings.—Mrs. Edith M. Wager, Executive Board, Michigan State Farm Bureau.



## WATCH THE FRESHENING DATE

THE season of freshening of Michigan dairy cows plays an important part in the profitability of Michigan cows.

Records tabulated through the Bureau of Dairying, Washington, D. C., and sent to the Dairy Department, Michigan State College, show that all cows on test for twelve months in 1926 and 1927 in Michigan dairy herd improvement associations make most money when they freshen during the months of September, October, and November. These cows produced \$4.00 above the average of all cows and as much as \$9.00 more than those cows freshening during the spring and summer months.

The largest amount of butterfat is also produced by cows in this season. The next most profitable season proved to be the winter months of December, January, and February.

The fall group of freshening cows averaged 8,248 pounds milk and 334 pounds butterfat while those freshening during the winter averaged 8,108 pounds milk and 321 pounds butterfat. Cows freshening during the spring and summer months averaged only 7,650 pounds milk and 303.5 pounds butterfat.

These results are the findings on nearly 12,000 cows under test in Michigan and based from results obtained from cows freshening during the association year.—A. C. Baltzer.

## Crop Reports

**Shiawassee (N.W.).**—Drought ended yesterday by hard rain; just what was needed except for few who had not gotten beans up. Threshing returns on beans very poor, running from 3 to 12 bu. to acre, where other years they ran from 15 to 25 bu. Unusual amount of wheat sown. Some filling silos. Quotations offered at Elsie: Wheat, \$1.12 bu.; oats, 45c bu.; beans, \$4.80 cwt.; butter, 45c lb.; eggs, 32c doz.—G. L. P., Sept. 29.

**Mason.**—Apple market dull. Fewer hired hands to be obtained than at any previous time. Drought cut short growing period. Late rains helped cabbage and late potatoes. Many farmers plowing for wheat. Quotations at Scottville: Wheat, \$1.13 bu.; oats, 50c bu.; rye, 78c bu.; beans, \$5.50 cwt.; potatoes, \$1.00 bu.; butter, 40c lb.; eggs, 30c doz.—G. P. D., Sept. 22.

**Montcalm.**—Has been raining since Sunday. Farmers busy pulling beans, filling silos and cutting corn. Seeding looks fine in most places. Terribly hot here two weeks ago but couple of frosts last week. No damage done. Quotations at Stanton: Wheat, \$1.10 bu.; oats, 42c bu.; rye, 82c bu.; beans, \$5.20 cwt.; potatoes, \$1.00 bu.; butter, 45c lb.; eggs, 30c doz.—Mrs. C. T., Sept. 27.

**Saginaw (S.E.).**—A fine rain 27th and 28th, ground in fine shape for plowing. Wheat about all planted; smaller acreage than usual on account of drought. Beans all harvested, crop light. Farmers beginning to fill silos; corn matured fairly well. Potatoes, light crop. Pastures very short. Milk flow very low. Milk prices too low to warrant feeding of grains. No corn borers noticeable. Quotations at Birch Run: Wheat, \$1.13 bu.; corn, \$1.00 bu.; oats, 45c bu.; rye, 82c bu.; beans, \$4.80 cwt.; potatoes, \$1.25 bu.; butter, 45c lb.; eggs, 36c doz.—D. C. M., Sept. 29.

**Hillsdale (N.W.).**—Some nice rain within last week. Makes grass and fall grain look green. Most all fall grain sown. Most farmers cutting or have cut corn. Apples about ready to pick. Not many more than enough for house use. Eggs getting scarce, with a corresponding increase in price. Butter fat beginning to go up in price. Received 49c for last half of August cream.—C. H., Sept. 29.

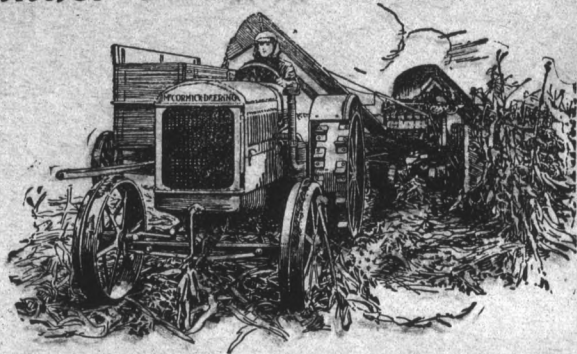
**Tuscola (W.).**—Having some good rains lately but put ground in fine shape for fall plowing. Farmers putting in larger acreage of wheat; about half is sown. Beans about half harvested with light yield per acre expected. Corn about ready to cut with fair crop expected. Not many apples. Sugar beets looking good; factories will open weigh stations about October 1st. Quotations at Yassar: Wheat, \$1.12 bu.; corn, 95c bu.; oats, 43c bu.; rye, \$1.00 bu.; beans, \$4.80 cwt.; potatoes, \$1.25 bu.; butter, 50c lb.; eggs, 33c doz.—J. T., Sept. 29.

**Saginaw (N.W.).**—Lots of rain; too wet to work. Not much corn cut, but there will be lots of it ripe for seed. Lots of beans to pull. Some wheat to be sown yet; too wet to sow any this week. Pastures green; lots of grass this fall. Poultry on increase. Lots of hens to keep this winter. Potatoes will be fair crop. Not many apples. Quotations at Hemlock: Wheat, \$1.12 bu.; corn, 95c bu.; oats, 42c bu.; rye, 82c bu.; beans, \$4.80 cwt.; butter, 45c lb.; eggs, 35c doz.—F. D., Sept. 28.

**Newago.**—Weather very unfavorable for pulling beans and cutting corn. Some schools closed to let children help parents pull beans. Very rainy and cold. Late potatoes fair crop in spite of frost and rain. (Continued on page 23)

## Great Servants of Agriculture

## These 4-Cylinder Tractors

McCormick-Deering  
15-30  
10-20  
Farmall

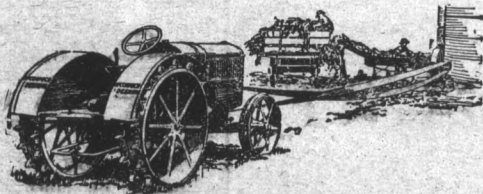
McCormick-Deering 15-30. Three-plow power and capacity. Showing also the McCormick-Deering Corn Picker which goes into the standing corn and does the work of six hand huskers.

THE years of experience of the Harvester Company in the building of power farming equipment has produced the finely developed McCormick-Deering Tractors shown in these three views. One is a 3-plow tractor with power to spare. The others are 2-plow tractors, also with a liberal surplus of power.

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Above: McCormick-Deering 10-20. Liberal Power for Belt, Drawbar and Power Take-Off.

At right: McCormick-Deering Farmall. It plows, plants, cultivates, mows and rakes—it "does it all."



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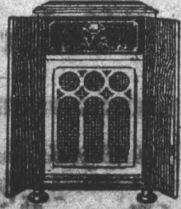
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Look at the figures of the Bedford County (Penna.) Cow Testing Association for the Larro-fed Jersey herd of Allen Eshelman of Everett, Penna. His profit for the year was \$172.66 per cow with all feed bills, including roughage, paid. The average production per cow was 8,257 lbs. milk; 429.7 lbs. fat.

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#### DAIRY and LIVESTOCK

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

#### PULLING CONTESTS AND HORSE BREEDING

A NEW record has been made for Michigan. On Wednesday, September 14, a team of horses owned by the Owosso Sugar Company, Prairie Farm, at Alicia, Michigan, raised the state record from 3100 pounds to a tractive pull of 3150 pounds. The team broke a record which had stood for more than a year.

The team is a pair of pure bred Belgians bred and developed by the Prairie Farm, which is undoubtedly the largest Belgian breeding plant in the world.

My reason for commenting on this new record is to bring out the fact that the show ring standard of both this country and Belgium is not altogether wrong.

One horse in this team is a full brother to Pervenche owned by Michigan State College. It will be remembered that Pervenche was Junior and Grand Champion at Ohio State, Michigan State Fairs and at the International as a two-year-old in 1923 and repeated this record as a Senior and Grand Champion the following season. Since that season she has been a winner in the mare and foal, and "Produce of Mare" classes with her offspring from Range Line Phoenix.

The gelding in this team of record breakers suffered the loss of an eye while young and was made a work horse on Prairie Farm. On September 15 it was demonstrated that he had not reached his limit and the team was given an opportunity to go again against their own record of the previous day.

They failed according to H. J. Gallagher, Michigan State College, in charge of the dynamometer, to develop additional power due apparently to the inability of the other horse of the team to hold his end of the eveners.

Then another point I want to emphasize is that this good gelding has the conformation and the disposition to go farther. The sire of this animal and also of Pervenche is Rubis 8004, a prize winner at the Brussels Show just before he was imported to this country. He is now sixteen years of age and is still carrying on at Prairie Farm as a sire of show ring winners. The first and second prize fillies at the Ohio State Fair of 1926 and 1927 are daughters of Rubis and are owned and being shown by Michigan State College. It will be recalled that one of these mares, Manitta de Rubis, was Junior and Grand Champion as a two and three year old at both Ohio State and Michigan State both of these years and that she was the Junior Champion at Chicago in 1926. Pervenche and the two fillies just referred to won for Rubis the "Get the Sire" group and the "Best Three Mare" group at Ohio State, Michigan State in 1926 and have repeated the record at both again this season.

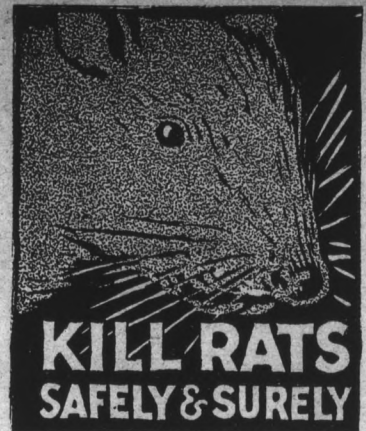
The mother of the winning gelding and of Pervenche is a big chestnut mare named Quenea. At the service of Rubis she produced a filly in 1925. This filly looks like a real one. She has not been shown extensively thus far but has started away as a first prize winner at Michigan State Fair and Saginaw County Fair this year.

Down in the pastures on Prairie Farm this season are as fine a lot of foals by Rubis as can be found anywhere. Old Quenea is there and



#### CHAMPION GUERNSEY

Resolute, purebred Guernsey from the famous herd of J. C. Penney, Emmadine Farms, Hopewell Junction, New York, was senior and grand champion at the Michigan State Fair this year.



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The Traverse City State Hospital will sell 10 choice yearling heifers and two young bulls at the

LIVINGSTON COUNTY SALE  
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at her side romps a fine big stallion foal, a full brother to the gelding which just made a new horse pulling record for Michigan.

This brief report I think brings out the fact that animals with a confirmation and temperament to win championships in the show ring possess the qualifications which enable them to produce "motive power" in the highest degree when promptly harnessed and driven. The Belgium gelding performing so successful at Saginaw carries the same identical blood lines or breeding as the mares

**35 VARIETIES FROM ONE TREE**  
An apple tree near Glen Cove, New York, subject to many grafting operations is said to be bearing 35 varieties of apples.

which have been winning fame for the Michigan State College since 1923.

I wish to close by saying that Pulling Contests are proving a popular attraction at fairs, not only in Michigan but throughout the United States, and that they are doing much to demonstrate the value of the horse as a power unit.

The classes in the show ring have been heavily filled and particularly in the foal and yearling groups showing that the interest in breeding horses of a correct type is not being neglected.—R. S. Hudson, Supt. Farm and Horses, M. S. C.

### 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 SHOW IN SOUTHWESTERN MICHIGAN

SOUTHWESTERN Michigan held its 2nd annual fruit show in Benton Harbor on September 22nd, 23rd, 24th and 25th. A fine display of many fruits including

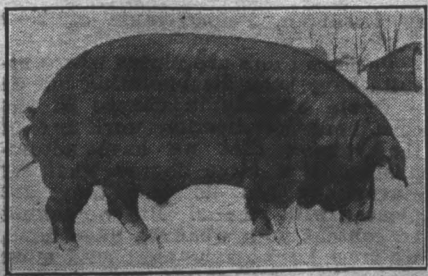


Herbert Nafziger

apples, grapes, peaches, melons, and pears was in the competition for nearly \$2,000 in prizes. Besides many plate displays and other interesting classes there were large and beautiful contributions by the Michigan Fruit Growers Inc., the Michigan Department of Agriculture, The Niagara Sprayer Co., H. B. Collis, Friday Bros., Conrad Haditz, The Benton Harbor High School Agricultural Club, and others. The fruit show is to be a regular annual event from now on and is expected to grow into the most important fruit showing event in the middle west.

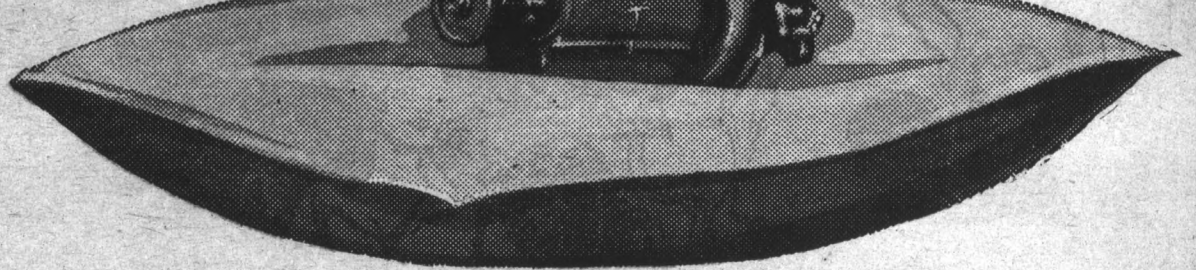
### HARVEST GOOD CHERRY CROP

THE fruit growers' dream of that finest of all combinations, a big crop and a good price, was realized in full by Friday Bros. of Coloma, this year. Besides a good crop of apples, peaches, etc., the Friday place produced 85 tons of sour cherries this year. When last seen, George Friday was singing a song entitled "When the shekels homeward fly."



**GRAND CHAMPION AT STATE FAIR**  
Here is a real lesson from Boys' and Girls' Club work. George W. Needham, of Washtenaw county, raised this pig during his last year of Club work and since then it has been grand champion at the Michigan State Fair two years in succession. During three seasons this boar has won nine grand championships never having been defeated in any show in which he was entered.

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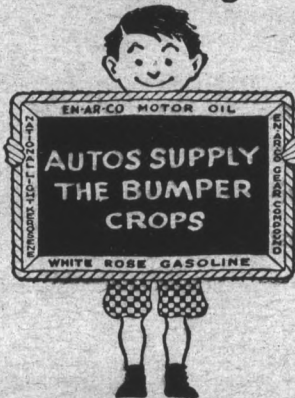
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**500 YOUNG BREEDING EWES ALL IN GOOD** condition and prices to sell if interested. Let me hear from you.  
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**REGISTERED OXFORD DOWN RAMS FOR SALE.** Lambs and yearlings.  
**W. J. ENGLAND, Caro (Tuscola County), Mich.**

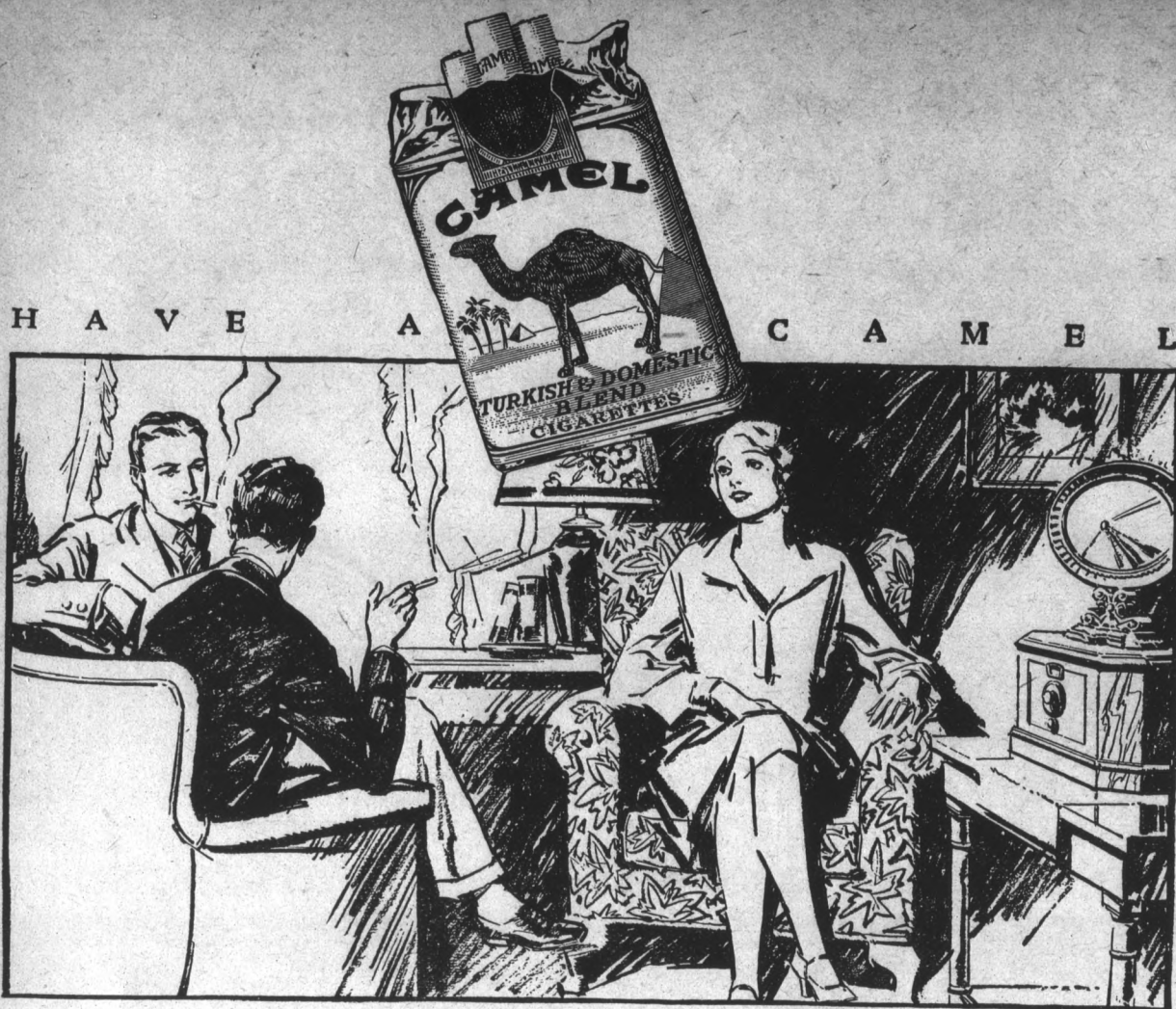
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### "WHAT SHALL I DO TO CONTROL THE CORN BORER?"

(Continued from Page 3)

The practice of hogging off corn or husking the grain from the standing stalks must come in for new study. If allowed to stand, these stalks furnish ideal wintering quarters for the borer. If an attempt is made to plow them under it too often results in a messy job requiring hours of tedious hand picking to clean the field. But a clean field is absolutely necessary if any control over the borer is to be secured. Borers which are plowed under come up again. If there is the least bit of organic refuse for them to get into they will find it and come out as full fledged moths in early summer. If the field is perfectly clean the borers will be destroyed by the elements by birds, field mice and other predators.

Wide bottom plows with proper wire attachments are very effective in covering trash. Where these are not available, hogged-off corn or stalks still standing in the spring can probably best be handled by pulling them down, raking and burning them, and then finishing the job by clean plowing, after which practically no picking should be necessary.

Michigan farmers who went through the borer control campaign last spring are convinced that the fall is the time to do the cleanup work if at all possible. A favorable fall will find farmers all over the area getting their cleanup work done by regular farm practices such as low cutting, shredding, silo filling, fall plowing, and so on.

The success of the campaign last spring is becoming apparent. There are still borers and probably there always will be. The borer has gone into new areas; however, not nearly so much in Michigan where the cleanup was thorough as it did in Ohio where a large part of the area was exempted. So far, the work of controlling the borer has been almost entirely mechanical. There is, of course, some work on parasites which may aid in the far distant future. Research work by the Michigan State College at its corn borer sub-station at Monroe also holds future promise. It will take many years for that to sugar off, but even now it is well worth seeing and farmers who wish to look it over are welcomed.

In the meantime, Michigan farmers are not waiting and lamenting, but from the spirit I have seen evidenced they are tackling this job that they do not like but realize that it must be done, and they are socking the varmint with every club they can lay hands on that looks as though it will put a dent in the borer population.

### RESULTS OF CORN BORER FIGHT ARE ENCOURAGING

(Continued from page 4)

give you ample evidence of the effectiveness of the cleanup and cause one to wonder just how great the increase would have been if we had done nothing.

#### Ohio Suffers

Because of wet weather last spring there was a sort of letting down of the bars in Ohio when it came to passing fields. Probably less real clean-up work was done in that state than in any of the others, which makes the wide spread between the figures for last year and this year hard to understand. However, results of easing up of the control work becomes apparent when it is shown that the new area infested by the borer is far greater in Ohio than in Michigan, Pennsylvania or New York.

Perhaps there are places where results have been disappointing but as a whole officials in charge of the corn borer eradication work are of the opinion that we have accomplished to a large degree what we started out to do and they are pleased with results. But we cannot be content with what we have done, we must keep up the fight with more vigor than ever if we wish to continue to profitably grow corn.

Just a few words to let you know we think THE BUSINESS FARMER is a great paper. It is of real service to us, especially the Publisher's Desk and such departments as Farm Garden, Veterinary Department and Dairy and Livestock. — James J. Hammond, Washtenaw county.

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Lowest Prices NOW on Pullets of all ages. 10,000 Available. All birds shipped O. O. D. on approval. Write for special prices.  
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Use the best lime you can get—Superior Agricultural Hydrate Lime—and your crops will take care of themselves.

Superior Agricultural Hydrate Lime can be obtained from dealers nearby. Comes to you in strong, 50 lb. paper sacks—clean, pure, fine—every sack fully guaranteed.

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE MICHIGAN BUSINESS FARMER



### RAISING THE ORPHANS

"How our son raises his pet lambs," writes Frank Emery, of Missaukee county. "He owns 53 ewes and 57 lambs." That boy will be a farmer when he grows up.

### With the Farm Flocks

#### CHICKENS PICK SELVES AND EACH OTHER

Would like some information on chicks. They begin to pick at the oil sack and blood starts and then the rest pick at them until some of them have died. They pick at themselves all over. Would like to know what to do for them as I am having a lot of trouble.—A. H. F., Coleman, Mich.

THE phenomenon which you are troubled with is most likely a vicious habit probably originating from a few chicks picking at a weak member of the flock. A simple remedy consists of suspending a large number of little buttons, preferably colored ones, from the roof so that they reach just high enough from the floor to make it necessary for the chicks to jump at these in order to pick at them. They will soon be so busy with this that they will forget to pick at the rest of the flock.—H. J. Stafseth, M. S. C.

#### DRIED MILK IN RATION

This is a ration I have but as sour or butter milk is not available how could this be changed and what per cent dried butter milk should be added: 100 pounds middlings, 200 pounds corn meal, 100 pounds bran, 100 pounds oat meal, 50 pounds oat meal, 25 pounds bone meal, 25 pounds pearl grit, 4 pounds salt with some sour or butter milk.—E. L., Quincy, Mich.

WE have found that from 8 to 10 per cent of the dried milk products proves more satisfactory as a protein feed.—C. G. Card, Poultry Husbandry, M. S. C.

#### OPENING THE BOOKS

(Continued from Page 11)

nature the things of the law," he shows its work written in the heart and is therefore excused "in the day when God shall judge the secrets of men, according to my gospel, by Jesus Christ." So, Christian brother, it is hoped that you will not be pained to learn that there may be some "heathen" in heaven. And if some barbarian sits above you, it is because his book showed clearer pages than yours. Shall not the Judge of all the earth do right? Responsibility is commensurate with opportunity. Luke 12:48.

But are there no palliating circumstances? Is there nothing that shall diminish our chances of guilt? There is hope in the Mercy Book. Bless God for Him Who "ever liveth to make intercession" for us. When we accept the spirit of Jesus as aid to our spirit, and his life as copy for ours, the writing of our book will be accepted. The writing will not be perfect. It will have blurs and blots. But we tried to follow the copy, and a loving Father will say, "I have blotted out thy transgressions and thy sins; return unto me for I have redeemed thee." This is heaven.

#### 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.)



## How many Cows do You Need

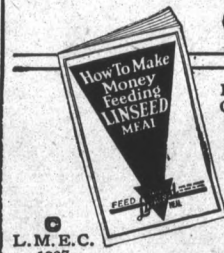
— to make a good living?

That's a live question today. And more than ever before, the answer depends on feeding for highest profits per head.

A dairyman in Jones County, Iowa, cut his herd from 20 cows to 13 and made 50% more money the third year! You too can make more money with less work and worry, by following modern feeding methods. Improve your stock—but first learn how to feed better animals profitably. Mail the coupon for big free booklet containing practical, tested rations for dairy cows and other farm animals.

The Universal Protein Feed

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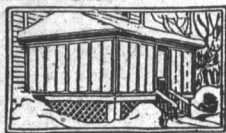
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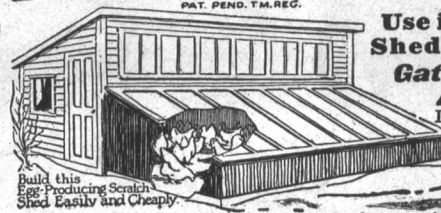
This great scientific authority tested Flex-O-Glass, found it weather proof and advised 92,500 doctors to recommend it for sun rooms and poultry houses. They put 11 chicks under glass and 16 under Flex-O-Glass. After six weeks half those under glass died. All but three under Flex-O-Glass were alive and 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.



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Cut with shears, nail on. Lasts for years Use it on POULTRY HOUSES More Eggs—Stronger Chicks Use it on PORCHES A Health Room—Cheaply Use it on HOTBEDS Plants Grow Faster Use it on HOG HOUSES Pigs Grow Faster Use it on WINDOWS In factories, garages, school-houses, to diffuse sun glare. Makes room lighter

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It's amazing the way hens lay in a Flex-O-Glass Scratch Shed. You will be astounded on sub-zero days when you find almost as many eggs as you get in summer. Millions of yards of strong, durable, weather proof Flex-O-Glass were sold for Scratch Sheds and Poultry House windows last year. Poultrymen everywhere doubled—some tripled—their profits. Thousands have written us telling of big egg production. Use 15 yards of Flex-O-Glass for 100 hens. Then use for baby chicks in Spring. Take advantage of Special Trial Offer on this exact amount.

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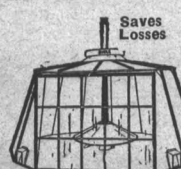
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The Farmers' Service Bureau, The Business Farmer, Mt. Clemens, Mich.





# MARKET FLASHES



## Oats and Rye Scarce and Markets Good

Hog Prices Remain Low In Spite Of Small Receipts

By W. W. FOOTE, Market Editor.

FARMERS of the great middle west have been in many instances greatly in doubt of late regarding the outcome of their corn crops, and the old lesson has been taught that diversity of crops is in the long run the only really safe rule to follow, although in some years it is possible to obtain good profits by following the single crop plan. Of course corn is the main basis of the great live stock industry, and it is necessary that the corn belt states should produce extremely large crops of that leading cereal to feed cattle, hogs and sheep as well as to poultry, and the fertility of the soil is maintained by the manure. But the only safe way is to divide the grain and other acreage, and this is the course very largely practiced by Michigan farmers outside of the great fruit belt bordering on Lake Michigan. Grape production in the United States has had an enormous increase in recent years, but most of this gain is in California. The Michigan sheep industry is in good hands and is doing so well that mixed yearling breeding and two-year-old breeding ewes have been in good demand in the Chicago market to ship to that state at \$6.50 to \$14 per 100 pounds, while light weight feeding lambs were purchased a short time ago for \$13.75 to \$14. The autumn prices paid for hogs were far lower than one and two years ago, but far above those paid in other recent years, and farmers who have plenty of corn are holding back their healthy growing pigs. Livestock profits on fat cattle, whether yearlings or long fed heavy steers, have become enormous through the late remarkable booms in prices brought about by the serious shortage in feeding districts, and this has started up a lively demand for stockers and feeders at much higher prices. Cattle feeding promises to become popular if thin lots are to be had at fair prices.

### In the Grain Markets

It has been impossible to hold wheat up to the high prices paid in the early part of the season, when the crop promise was not so good as it turned out to be later. Prices fell well below those paid a year ago, while two years ago sales were made around \$1.53. The visible wheat supply in the United States is increasing at the rate of 5,360,000 bushels a week, and it stood a short time ago at 75,226,000 bushels, being slightly ahead of a year ago. Not long ago the several grains were selling at the lowest prices of the season, and it was mainly a weather market, especially in the corn trade, with every trader intensely interested in reports of frosts in parts of the corn belt where the crop is not matured enough to be out of danger. Considerable old corn is going to market, and a short time ago the visible supply in this country was 23,733,000 bushels, comparing with 17,288,000 bushels a year ago, while it sold in the Chicago market up to 97 cents, against 76 cents at this time in 1926. Corn sold much higher early in the season, but much of the crop is reported safe from frost damage. Oats have sold several cents higher than last year, much of the crop being damaged, and the visible supply in this country is down to 25,137,000 bushels, comparing with 48,803,000 bushels a year ago. Rye is scarce, but sells at about the same prices as last year. An item of interest to wheat farmers is statistics showing that there has been a 10 per cent drop in the consumption of white flour in the last three years. Farmers who raise corn should be careful in selecting their seed corn, for much corn will be nearly or quite worthless for planting. Husking alone will reveal how much the crop has been damaged. However, official Wisconsin reports state that farmers of that state need not worry about a shortage of seed corn for next spring. The reports says the Wisconsin production will be large enough to supply not only local needs, but also to

meet calls for seed corn coming from other states. December wheat sold a short time ago down to \$1.30, comparing with \$1.41 a year earlier.

### Fancy Prices for Cattle

Fancy corn fed cattle have sold at further advances recently owing to inadequate supplies, and a new top was reached when \$16.65 was paid the other day, it being \$4.65 above the highest price paid for heavy cattle during 1926. Prime sold the highest since 1920, and the bulk of the steers of all kind sold for \$11.50 to \$15.50, the poorest lightweights going at \$9.50 to \$10.50. The best yearlings brought \$16.25, and even ordinary grassy and short fed cattle sold far above recent years. Steers were selling a year ago at \$7.50 to

### WHEAT

There is no material change in the wheat market situation. While there was some advance in prices during the past fortnight the market has not gained much strength. Canadian farmers are quite heavy sellers and the export demand appears to be slow for American wheat. Reports indicate that quite a large percentage of both wheat and rye has been damaged in England and Germany.

### CORN

Corn declined but the continued wet weather we have had caused the market to turn upward again at the close of last week. Plenty of warm sunshine is needed in the corn belt right now.

### OATS

Of all the grain markets probably oats shows the most firmness and inclination to advance in price. It was affected some by the weakness

how small. Let's set the low mark at \$5.00 per cwt. and hold it there.

### POTATOES

Potatoes were showing considerable strength but towards the latter part of last week they were off some. It appears crop conditions improved in some sections but it still looks like a short crop with good prices, particularly in Michigan. We may be mistaken but we look for higher prices on the 1927 crop than are now being paid.

### DETROIT LIVE POULTRY

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

Hens, colored, 5 lb., 26c; reds and white rocks, 26c; all colors, 16c. Broilers, 2½ lbs. up, barred rocks, 27c; reds and white rocks, 26c; all colors, 2 to 3 lbs., 1@2c cheaper; leghorns, 23c. Ducks: White, 5 lbs. up, 21c; smaller or dark, 18c; geese, 18c.

### DETROIT BUTTER AND EGGS

Butter steady; creamery, in tubs, 88-90 score, 41@43c. Eggs: Easy; fresh firsts, 33@37c.

### DETROIT SEEDS

Clover seed, cash imported, \$14; October, \$15.75; December, \$14; domestic December, \$15.90; March, \$16.10. Alsike, cash, \$14.80; December, \$14.90; January, \$15.05. Timothy: Cash, \$1.65; December, \$1.70; March, \$1.90.

### LIVESTOCK MARKETS

EAST BUFFALO.—(U. S. Department of Agriculture.)—Hogs.—200 pounds down steady, others inactive; bulk 170 to 200 lbs., \$11.85@12; few pigs and light hights, \$11.25@11.50; packing sows, \$9.50@10.25. Cattle.—Market quotable steady. Calves.—Steady; top vealers, \$17.50; cull and common, \$11.50@13. Sheep.—Market steady; cull and common, \$9.50@10.50; fat ewes, \$5.50@6.50.

CHICAGO.—It was the usual dull Saturday livestock trade today, with hogs showing the only activity. That market was slow with few animals on hand. Trade was anywhere from steady to 25 cents lower, but this was more on paper than on actual trades because of the plain quality. Choice butchers sold at \$11.65 and down and packing hogs were placed at \$9.50@10. The fresh supply was 3,000. Only 6,000 cattle arrived so that trade was only nominal. For the week prices were high for nearly all kinds. Prime steers sold at \$16.65 or the highest in seven years, while good yearlings brought \$15.25. The market for the best natives closed more than 50 cents higher for the week and even grassy natives and westerns were steady. Best westerns made \$13.40. Fat cows were higher, while bulls gained 10@15 cents, with good lots at \$7 and better. Calves were off \$1 however. Few lambs were offered and trade amounted to little. Those on hand sold steady. Compared with a week ago fat lambs were off 15@25 cents, with best lambs at \$14 and down, while feeders closed weak. Aged sheep had a strong market at the close.

### 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.

\$12.10, two years ago at \$7.25 to \$16.25 and three years ago at \$9.25 to \$11.80, while back in 1908 they sold at \$3.75 to \$7.60. Cannery and cutters go at \$5 to \$6, fat cows and heifers at \$8 to \$14.60 and calves at \$8 to \$17.50. Conditions are so bright that the demand for stockers and feeders is increasing, and prices are rising, with sales are mostly at \$8.25 to \$9.25, the extreme range being \$7.60 to \$10. For the year to late date the cattle receipts in seven western packing points were only 6,766,000 head, comparing with 8,006,000 a year ago. Last week's advance in fat cattle was 25 to 50 cents.

### Moderate Hog Supply

Prices remain low despite the recent light market supplies, with late sales in Chicago at \$9.40 to \$11.65, comparing with \$10.50 to \$13.80 a year ago, \$11 to \$13.70 two years ago and \$6.15 to \$8.65 six years ago. For the year to late date seven western packing points received 17,004,000 hogs, comparing with 16,596,000 for the same time last year, 19,152,000 two years ago, and 22,883,000 three years ago.

in other grains last week but appears to be in a strong position.

### RYE

We produced a large crop of unusually good quality rye this year which is rapidly passing into consuming channels at prices slightly higher than at this time during the past few years.

### BEANS

The bean market seems to be a weather proposition; when the sun shines there are plenty of beans for sale and when it rains you can not find any. But rain or shine there should be a good market for beans because we are going to have a shortage. Early planted fields are turning out pretty good but the late ones will prove disappointing, it is believed. If farmers would agree to sell their beans at not less than \$5.00 per cwt., and stick to it, they could stabilize the market, but as long as the canners and others can manipulate prices as they see fit the market will weaken and the price dip at every opportunity no matter

### THE BUSINESS FARMER'S MARKET SUMMARY and Comparison with Markets Two Weeks Ago and One Year Ago

	Detrit Oct. 3	Chicago Oct. 3	Detroit Sept. 20	Detroit 1 yr. ago
<b>WHEAT—</b>				
No. 2 Red	\$1.34		\$1.30	\$1.36
No. 2 White	1.33		1.29	1.37
No. 2 Mixed	1.32		1.28	1.35
<b>CORN—</b>				
No. 2 Yellow	1.00		1.03	.86
No. 3 Yellow	.98	.92½	1.01	.84
<b>OATS (New)</b>				
No. 2 White	.55	.50¼ @ .52	.52	.49
No. 3 White	.53	.47½ @ .50	.50	.47
<b>RYE—</b>				
Cash No. 2	1.03		1.04	.97
<b>BEANS—</b>				
C. H. P. Cwt.	5.40		5.40	5.00
<b>POTATOES—</b>				
Per Cwt.	1.93 @ 2.00	1.55 @ 1.90	2.50 @ 2.65	2.66 @ 3.00
<b>HAY—</b>				
No. 1 Tim.	15 @ 16	17 @ 18	15 @ 16	19 @ 20.50
No. 2 Tim.	13 @ 14	14 @ 16	13 @ 14	16 @ 17.50
No. 1 Clover	14 @ 15	17 @ 18	14 @ 15	16 @ 17.50
Light Mixed	14 @ 15	17 @ 18	14 @ 15	18 @ 19.50

Monday, October 3.—All grains quiet. Bean market unchanged. Potatoes slow. Hay slightly firmer. Livestock steady.



### Week of October 9

THE week of October 9th in most parts of Michigan will begin with the temperatures below the seasonal normal and the skies in general clearing off. In fact, the greater part of the first half of the week is expected to be mostly fair. Although the temperatures will remain cool there will be a moderation from the first part of week beginning about Tuesday.

Following the middle of the week these temperatures will again recede and in a general way, with but few breaks, we are expecting temperatures to show a general trend downward until close to the end of the month.

Rainfall will be moderately heavy during middle part of week and is expected to continue more or less during the remaining days. Locally some of the rains will be damaging.

### Week of October 16

Weather conditions during week beginning October 16th will average rather unsettled and changeable with



## Stopped His Asthma Troubles Entirely

Cough and Wheeze Left 3 Years Ago. Been Well Ever Since.

There is good news for all who suffer from asthma or severe bronchial cough, in a letter written by Chas. E. Jones, 2336 Hoyt Ave., Indianapolis. He says: "I contracted asthma while in the army, June, 1918. For this reason I was rejected from going overseas, and in December, 1918, I was discharged. I suffered terribly, had to sleep out-doors, greeted the milkman every morning, had no appetite. I tried everything any one would tell me about, but with no real relief. In June, 1924, reading about Nacor in a newspaper, my mother obtained a bottle. I began taking it that afternoon and felt considerably better the next morning. I kept on improving and by early spring, 1925, the wheezing and all other symptoms were completely gone, and since then (three years) I have never had a sign of asthma."

This remarkable statement is only one of many from former victims of asthma and severe bronchial coughs, who have told how their troubles disappeared and never returned. Their letters and a booklet full of valuable information about these stubborn diseases will gladly be sent you free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how long you have suffered nor how serious your case seems, write for this free information. It may lead you back to good health, just as it did Mr. Jones and thousands of others.—(Adv.)

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**PEARL GRIT**  
THE ONLY PEARL TO POULTRY AND WATCH RESULTS

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The Double Purpose Grit. Used for 30 years by the leading poultrymen. Recommended by leading poultry authorities. Comes in 3 sizes, for laying hens, growing birds and baby chicks. **Superior Powdered Lime-stone** in the feed gives the lime needed for health and vigor. At your dealers or write us, **OHIO MARBLE CO., PIQUA, OHIO**

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## BEAN STORAGE

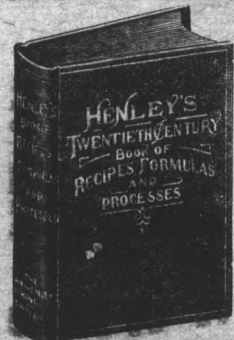
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Write us for information regarding our facilities and plans. We store in carlots and less. We issue receipts and arrange for advances.

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



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The Business Farmer, Mt. Clemens, Mich.

the probability of some notable outstanding characteristic.

The rain or snow likely at very beginning of week will soon give way to clearing weather with temperatures generally cool for the season.

With moderating temperatures occurring about Tuesday most parts of the state may expect showers and scattered rains about Wednesday and Thursday with some severe wind storms. These conditions may run over into Friday.

The week ends in this state with generally fair and cool weather.

## Veterinary Department

Edited by DR. GEO. H. CONN

(Questions gladly answered free for paid-up subscribers. You receive a personal letter.)

## SCOUR

I am writing to ask you what would cause sheep to scour. I am feeding nothing but mixed hay, clover, June grass and quack grass. It is good bright hay. It started about a month ago and seems to be catching; everyone of them are getting it. They have been where they could run out all winter and had lots of exercise.—O. H. R., Onaway, Mich.

I DO not know what should cause this unless your quack grass and June grass was causing it. If you had clover or alfalfa to use you could soon tell if this was it. These sheep should have some oats and corn if they are having lambs this spring; the lambs may not be strong and vigorous if they do not have grain. Get some lime and mix one pound of it to about five gallons of water and sprinkle the hay that you give these sheep. Also get some bran and oilmeal for a few days and see if this does not help your trouble. Feed each sheep about 1½ pound of bran and ¼ pound of oilmeal per day.

## CROP REPORTS

(Continued from page 17)

dry weather. Plenty of auction sales. Cows selling high and hogs cheap. Chickens low in price also. Fruit scarce in this section. Hard winter is outlook so far. Farmer has rough end of things as taxes are high also. I think the gas tax raise was just right. Quotations at Hesperia: Wheat, \$1.18 bu.; corn, \$1.15 bu.; oats, 50c bu.; rye, 75c bu.; potatoes \$1.75 cwt.; butter, 48c lb.; eggs, 35c doz.—E. M., Sept. 17.

Genesee.—Plenty of rain has fallen since Monday. Several acres of beans out. Many farmers have wheat sown but many more acres to be done as soon as land dries. Buckwheat being out, yield only fair. Few bee trees being cut. Some farmers selling white ash in woodlots to Ohio company using them to make fork handles. Paying \$25 per thousand board feet. Quotations at Flint: Wheat, \$1.17 bu.; corn, \$1.10 bu.; oats, 44c bu.; rye, 80c bu.; beans, \$4.90 cwt.; potatoes, \$2.50 cwt.; butter, 48c lb.; eggs, 38c doz.—H. E. S., Sept. 30.

Alpena.—Well, back again. We have had four day rain here, not settled yet. County fair now on, plenty of good exhibits in all classes except horses. Threshing all done. Potato digging will commence soon. Quotations at Spratt: Wheat, \$1.15 bu.; oats, 48c bu.; rye, 70c bu.; beans, \$5.00 cwt.; potatoes, 90c bu.; butter, 40c lb.; eggs, 32c doz.—R. H., Sept. 29.

Huron (E.).—Heavy rain last night; late wheat and rye average can be increased on stubble land. Rain will delay bean harvest. Silo filling; many silos empty or partly filled. Short corn crop. Results of sweet clover filling a year ago do not encourage as a substitution for corn. Sweet clover threshing delayed by moisture. Reports from all alkali districts a light yield. Sixty acres burned in one place, no seed, badly weathered. A few winter apples, no fall cooking apples. Potatoes sound, short crop, beets same. Running of binder over weedy fields to get tall trash out of way, is practice much increased. Corn borer easily detected by looking over stubble fresh cut. Quotations at Bad Axe: Potatoes, \$1.75 cwt.; butter, 50c lb.; eggs, 30c doz.—E. R., Sept. 28.

Lenawee (W.).—Farmers almost thru sowing wheat; large acreage. Silo filling started. Some corn being cut; some fair, some poor. Had nice rain 28th which started wheat. Some potatoes being dug. Onions mostly pulled; crop good and going to market at \$1 bu. Wheat, \$1.21 bu.; oats, 44c bu.; eggs, 40c doz.—C. B., Sept. 29.

Emmet.—Pulling beans, filling silos and rain are three most important things to farmers at present. Rained almost continuously past four days. Everything dried up during July and August, now we are being drowned out. No frost yet. Potatoes will be less than half crop. Beans, corn and grains about half crop. Quotations at Petoskey: Oats, 55c bu.; beans, \$4.25 cwt.; butter, 40c lb.; eggs, 35c doz.—R. D.



"Nothing takes the place of Old Hickory"

"I have cured my own meats for twenty years. Old Hickory Smoked Salt is the most practical, economical and satisfactory method I have ever used."—C. H. Mannon, Kewanee, Ill.

Mr. Mannon uses his regular curing formula, merely substituting Old Hickory Smoked Salt for ordinary curing salt. Old Hickory is pure table salt smoked with hickorywood smoke by the Edwards process. You get the exact flavor you desire, a beautiful brown color, uniform cure from rind to bone and no smoke-house shrinkage when you cure your meat with Old Hickory.

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FEEDING CATTLE. 50 HEAD OF DURHAM steers and heifers, average weight 700 lbs. Earl Shiveline, McBain, Mich.

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SEND 10 CENTS FOR INDIVIDUAL DISPOSITION of 60 breeds Photo Group. Fur Price list. Lakeland Fur Dog Exchange, Salem, Mich.

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

8 TIGER LILLIES. \$1.00 POST PAID. John Nelson, Cadillac, Mich. R. 1.

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WHITTAKER'S MICHIGAN REDS. BOTH combs. Cocks, Hens, Cockerels and Pullets. Michigan's Greatest Color and Egg Strain. Write for Price List. Interlakes Farm, Box 2, Lawrence, Michigan.

PINECROFT BRED-TO-LAY BARRED ROCK Pullets and Cockerels. Reasonable prices. O. E. Norton, Prop., Pinecroft Poultry Farm & Hatchery, Owosso, Michigan.

BARRED ROCK PULLETS 75c EACH. Bourbon red and white hatched turkeys. Toms \$3.50, hens \$2.50. Fred Fausnaugh, Chesaning, Mich.

YEARLING HENS AND PULLETS. SINGLE Comb White Leghorns and Sheppard's Strain Single Comb Anconas. Some pullets are ready to lay. Let us quote you our low price on what you need. We are Michigan Accredited. Townline Poultry Farm, Zeeland, Michigan.

20 PUREBRED TOULOUSE GESE, \$8.00 pair or \$5.00 each. Charles Fry, Stanwood, Mich.

## MISCELLANEOUS

BUY WORSTED YARNS DIRECT FROM MANUFACTURERS at a big saving. Many beautiful shades and heather mixtures for Hand Knitting. Machine and rug yarns. 50c per 4 oz. skein. Postage Paid. Write for free samples. Concord Worsted Mills, Concord, N. H.

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MAKE \$50 TO \$75 A WEEK. EVERYONE needs shoes. Sell Mason's all-leather shoes, amazingly low prices. 85 styles—men's, women's, children's. No experience needed. Big outfit Free. Mason Shoe Mfg., Dept. 3610, Chippewa Falls, Wisconsin.

MAN WITH CAR. CAN YOU SELL THE farm trade and desire a position insuring an income of \$300.00 or more per month? We can use a man of this type. Exclusive territory and weekly drawing account. The Lennox Oil & Paint Co., Dept. Sales, Cleveland, Ohio.

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

BARREL LOTS SLIGHTLY DAMAGED CROCKERY, Hotel Chinaware, Cookingware, 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 Nevins Co., 1131 Fulton Market, Chicago. Poultry, Veal wanted for premium trade.





# GLASS CLOTH

## Brings 10,690

### Winter Eggs

E. V. Agler had wonderful results with GLASS CLOTH last winter. He writes: "When we moved here there was no poultry house. The owner let us use the barn and garage. By taking off a few boards and replacing with GLASS CLOTH it made a fine place to handle the hens. In October we got 3826 eggs which sold for \$128.55. In November, 3863 eggs, cash, \$151.00. December, 3001 eggs, cash \$101.55. That makes a total in three months of \$381.19 which is not bad for 242 hens. GLASS CLOTH works wonders. I am not in favor of ordinary window glass at all."



FRED TURNER  
Originator of Glass Cloth

## Put Ultra-Violet Rays to Work for You

You can get big egg yields all winter just as easy as these folks did. Just give your hens ultra-violet light through GLASS CLOTH windows. Window glass stops these rays. Science has discovered hens will not lay without them. Put up GLASS CLOTH and the hens become active. Egg paralysis disappears. Egg glands function like it was June. High winter egg prices bring big profits. It is not uncommon for 400 hens to lay \$1000 worth of eggs in the cold months. GLASS CLOTH is cheap. You can afford to use plenty of it. That is what hens need—plenty of real sunlight and exercise—plenty of ultra-violet rays. You are going to feed your hens anyway. Why not get a \$5.00 roll of GLASS CLOTH and make them pay you profits? It is easy to put up. Just fasten it on home made frames. Half a million poultry raisers have taken the glass from their poultry house windows and put up GLASS CLOTH. It is the new way. The modern way. The profitable way.



## "CASH IN HAND"

R. G. Hughes made this poultry house out of a corn crib. The big GLASS CLOTH windows saved him \$60 over sash and glass and brought him more winter eggs than he ever thought possible. He says before he used GLASS CLOTH eggs were scarce on his farm "as snowballs in Africa." Almost at once his 100 hens "started on a laying spree" and he says, "Since then I have bought all our groceries and feed for the cows and chickens and much of our clothing from the sale of eggs. I also bought my potato seed and garden fertilizer and my wife has bought many articles for the house—all from egg money."

A \$5.00 roll of GLASS CLOTH brought Mr. Hughes all this new prosperity. He says, "It sure keeps the poultry house warm. One day it was 22° outside and 78° inside."

# SPECIAL TRIAL OFFER

## ON OUR NEW SUPER-STRENGTH MATERIAL

A new cloth of tremendous strength is being used in GLASS CLOTH this year. It is the strongest material of its kind. No ordinary accident will tear it. It is "tough as boot leather."

This has been done without one cent increase in price. In fact, to introduce this new material to you, we make this amazing SPECIAL TRIAL OFFER

Go to your dealer, or, if he does not have GLASS CLOTH yet, mail the coupon with \$5.00 and we will send you, postpaid, a big roll of the new GLASS CLOTH, 45 ft. long and one yard wide—135 sq. ft.

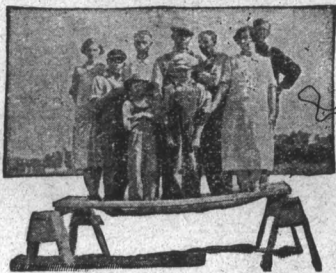
## Use This COUPON

TURNER BROS., DEPT. 412  
BLADEN, NEBR., or WELLINGTON, OHIO

I enclose \$..... for which send me.....  
rolls of GLASS CLOTH, prepaid, parcel post.  
If not satisfied after ten days' use I may return  
it and you will refund my money.

Name.....

Address.....



## Strength!

Nine people, total weight 1062 lbs., standing on a frame of the new, super-strength GLASS CLOTH. Such strength means extra life and durability. Extra value for your money. GLASS CLOTH can repay its cost many times in a single year. It is a very profitable investment.

## NOTE to DEALERS

The demand for GLASS CLOTH is so great we have been forced to fill orders direct from the factory in localities where we have no dealer representative. Many excellent territories are still open. GLASS CLOTH is the kind of product you can take pride in selling. It makes a profit for you and a profit for your customer. Our new material is by far the finest of its kind. Write today for trial dealer roll and our attractive dealer proposition, or order from your hardware jobber.

## Guaranteed

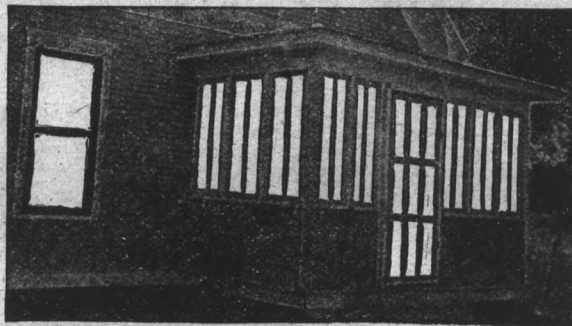
Use this material for poultry house windows, storm doors, storm windows, and barn or hog house windows. If, after ten days' use you do not find it more satisfactory than glass or any substitute, return it and we will refund your money.

## Quality

GLASS CLOTH is now of such high quality you should be satisfied with nothing short of the genuine. We have placed it with thousands of dealers, all of whom now make you this Special Trial Offer. If there is not a GLASS CLOTH dealer in your town yet, order on the coupon.

Under average conditions GLASS CLOTH lasts from one to four seasons. Yet it pays such profits it would be a good investment if you had to change it much oftener.

For your protection we have placed the name "GLASS CLOTH" on every yard. It is your guarantee of super-strength, extra quality material. Avoid any material not bearing the name. Take advantage of our Special Trial Offer today.



## Winter-Tight Home Brings Comfort

"Glass Cloth is great stuff," writes J. Austin. Last fall I made storm windows for our house by tacking it over the window screens and I put it over the screen door to make a storm door. I closed up the porch with it too. It was a cold winter but our house was warmer than it ever was before. It cost me \$6.70. The same job done with glass would of cost \$115. When I took the Glass Cloth down this spring it was almost good as new. I figure we saved on both fuel and doctor bills. We hardly had a cold all winter."

## Got Eggs All Winter



"After using GLASS CLOTH two years I would not trade one frame of it for a dozen frames of ordinary glass. Last winter I had only 36 hens, but many days I got as high as 33 eggs." ---W. B. Houston

Think of the winter egg money he would have made if he had had 360 hens instead of just 36. Now that you can have GLASS CLOTH it pays to keep hens over the winter. They pay bigger profits than in summer time, due to high winter egg prices.

Every poultry raiser should see to it he gets winter eggs this winter. All you need is a few yards of GLASS CLOTH on the sunny side of the hen house. Order today.

TURNER BROS. Dept. 412

Write Nearest Office

Bladen, Nebr. or Wellington, Ohio

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