

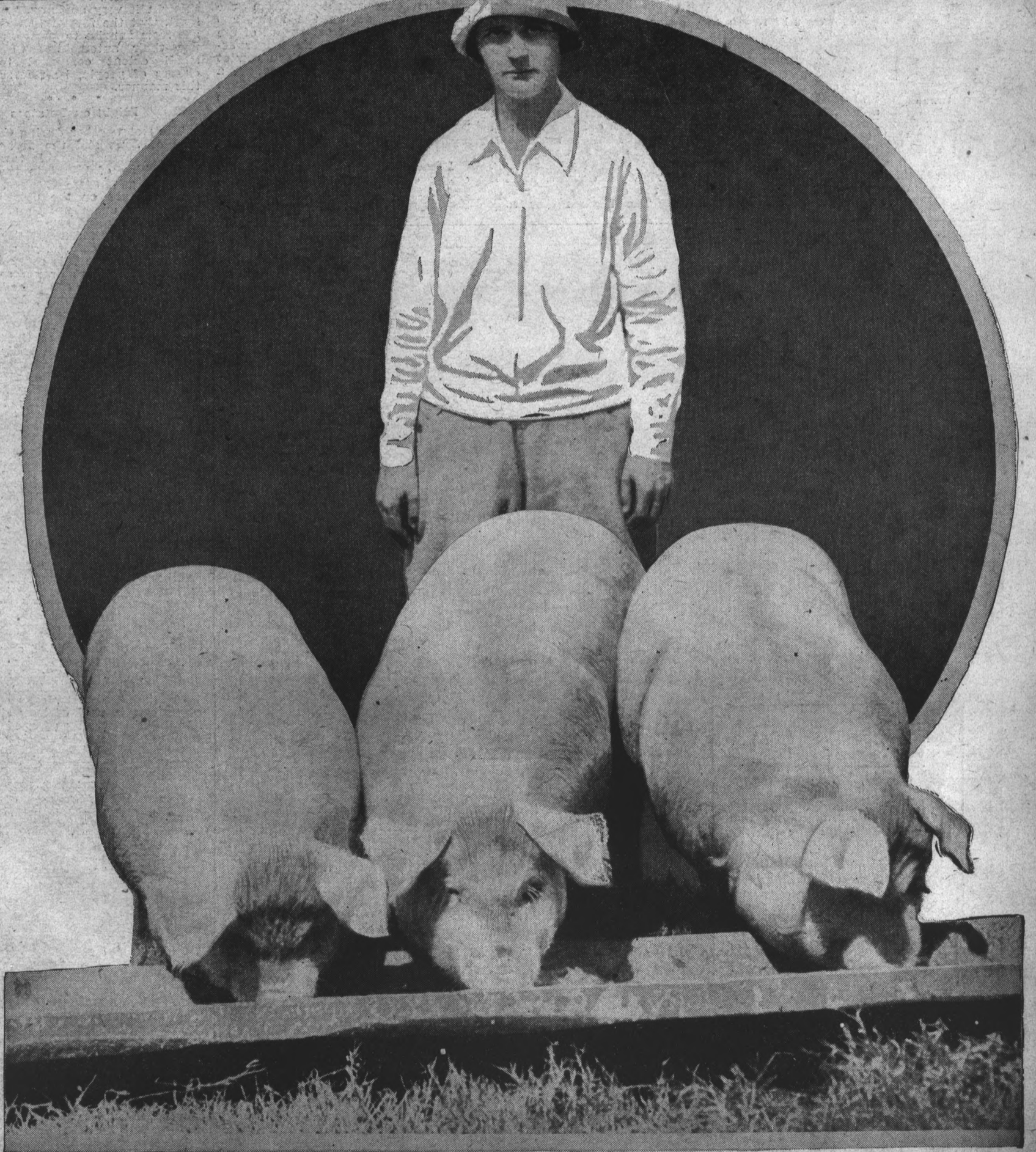
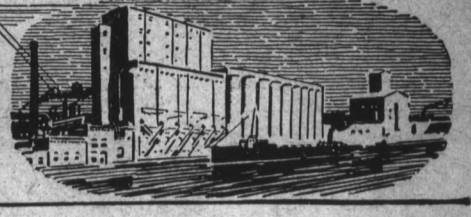
VOL. XV, No. 23

JULY 21, 1928

# *The Michigan* BUSINESS FARMER



*An Independent  
Farm Magazine Owned and  
Edited by a Michigan*



A 4-H CLUB GIRL WITH HER PRIZE PORKERS

**In this issue: "Failure Is Not Part of Hertzler's Vocabulary"—"Thru Our Home Folks' Kodaks"  
"Broadscope Farm News and Views"—"Chatting With the Agricultural Teacher"  
"Farmers' Service Bureau"—And Many Other Very Interesting Features**

## • Chatting with the Agricultural Teacher •

Edited by V. O. BRAUN

(Mr. Braun is a farmer, a teacher of agriculture and a writer. He owns and operates a large farm in Branch county known as Spring Water Farm. He is a successful teacher of agriculture in a high school in Shiawassee county. Also he writes for many leading farm magazines of this country. He is well prepared to help farmers with various problems and our folks are welcome to write him at any time. Just address him care of M. B. F. and you will receive a personal reply by early mail.)

### Supervising Project Work

THIS is the time of year when the Agricultural Instructors of Michigan are busy supervising summer project work on the farms. The agricultural high school students



V. O. Braun

during their summer vacations put into practice the theory and knowledge which they have learned during the regular school year. The Agricultural Instructors, being very anxious that these crop or animal projects are a success in order that they do not cast an inferior reflection upon their teaching ability, wear out considerable shoe leather and automobile rubber in looking after them. Perhaps the cut worms are after the corn or cabbage; maybe the potato blight or potato beetles

are bothering your boy's potato patch; or possibly the wrong rations are being fed to the cows or poultry. All of these problems are watched by the Agricultural Instructor and the remedy taught to the lad on the farm. This real teaching and experience makes him a real farmer and usually his crops or his animals look better than do Dad's on the farm. All of this training will tend to make the boy a superior farmer of tomorrow which he must be if he expects to make any headway in the agricultural field of farming.

### Chess Doesn't Grow from Wheat

While visiting one of my boy's projects a few days ago, the lad said: "I wish you would explain to dad that cheat does not grow from wheat." This is an old question and many farmers still believe that cheat, or chess as it is some times called, grows from an injured wheat plant. The boy is right; it doesn't, but I'll admit that the evidence looks very suspicious. The boy's father took

me into the wheat field and here in the very rows of the wheat were chess plants and plenty of them. He swore by all that was holy that there was no chess in the seed wheat when planted. I know of another farmer who was compelled to draw a drag across his wheat field in the spring, and in the path of the drag there developed later a very abundant growth of chess. He also maintained that the injured wheat plants turned to chess. Although the evidence did rather bear him out, he was mistaken. The injured wheat plants died and their absence made room for the chess, which was either in the seed wheat or laying dormant in the soil to develop. Mr. Meeks gave a very good explanation of this matter in his department a few issues ago. We must adjust our ideas on the chess-wheat question the same as we do on the moon-crop question. We have grown out of the superstitious age and no longer believe in such illusions. You cannot injure a Packard car and produce a Ford; you can not injure field corn and develop pop corn, and for the same reason you cannot injure wheat and produce chess.

### A Wrong Idea

I had a very pleasant and interesting experience a few weeks ago in an interview with our Board of Supervisors on the county agent

question. I want to say that we have a mighty fine bunch of supervisors in Shiawassee county and I'm going to visit them again when I find the time. In general they seemed to favor the county agent or any other good movement which would aid and benefit the county. I believe that they have the interest and welfare of the county at heart. I was rather amused, however, at one of the members who asserted that he didn't believe the county agent was what the farmers needed. He made the remark that if the farmers would throw away their automobiles and stay at home and work they would have no trouble or problems to solve. Several of the other members of the Board hastened to explain, however, that this one member usually went off half-cocked on such issues, but I thought it very amusing, to say the least, that the farmers, whose hours are from sunrise to sunset, and who use their automobiles to such a small extent compared to other classes of people, be referred to in this manner.

### Blight on Potatoes

The wet weather during the latter part of June and the first part of July has been favorable toward the propagation of blight in the potato patch. A good spray program of Bordeaux mixture on the potato plants when they are three to six inches high, and applied every ten days or two weeks will aid materially in controlling the disease. Many good potato growers use this spray whether the blight appears or not as a preventative. A crop can be saved after the blight is recognized, however, if applied at once. Blight is easily recognized by the greasy appearing or watersoaked spots on the tips and edges of the leaves. A badly blighted field looks as if it had been struck by frost. A good potato bulletin can be obtained by writing Michigan State College and asking for club bulletin No. 2.

### Farmer's Day

Farmer's Day at Michigan State College this year will be held on July 27. About 10,000 farmers of Michigan attend this annual event, and if you can possibly spare the day I advise that you attend. A good program of nationally known speakers, a picnic lunch on the campus, inspection of the experimental plants and herds, and other special features will make the day an educational, interesting and entertaining event.

### Ohio's Crop Rotation

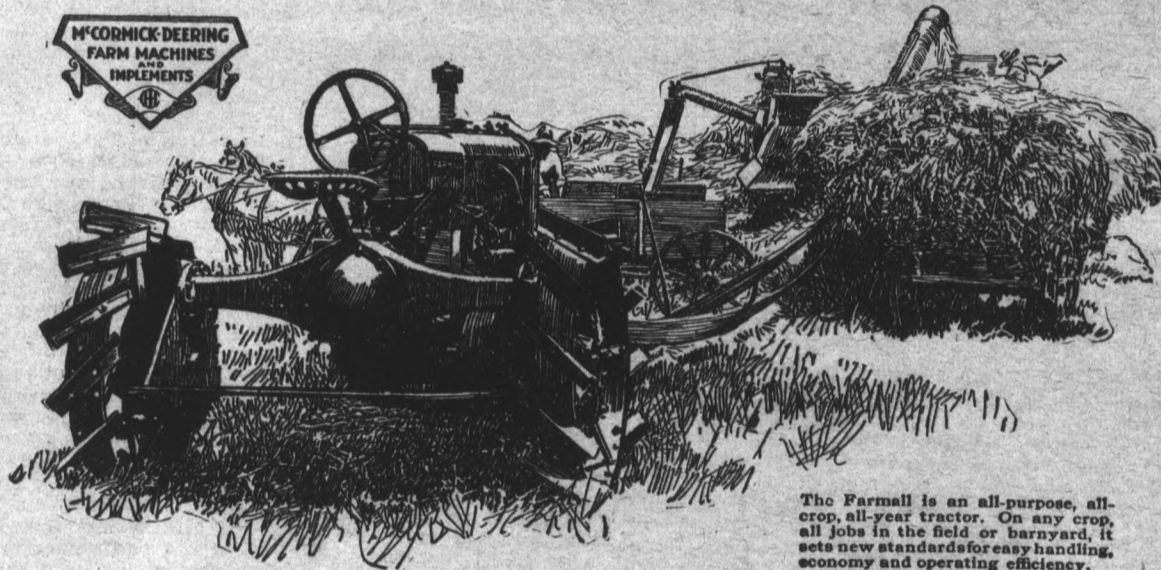
A few weeks ago I had occasion to drive through the central and north central part of Ohio, and I noticed a crop rotation which interested me very much. The hay crop consisted of an alfalfa field of long standing. Alfalfa is especially adapted to that territory because the soil is naturally

### STORY IN NEXT ISSUE

BECAUSE of shortage of space we have found it necessary to hold over the installment of the story, "Catapult," scheduled for this issue. It will appear in the August 4th issue when we hope to have space to publish the concluding chapter as well.—Editor.

alkaline, it being of a limestone nature. The general rotation then consisted of corn and oats. The corn ground was manured well before the corn was planted. The following year the corn ground was plowed and sowed to oats. The oats was fertilized and seeded with sweet clover. The next year the sweet clover was plowed under and planted to corn thus starting the short rotation over again. After the alfalfa field had run for six or seven years the same rotation was started on it, and the corn and oats rotation plot was put to alfalfa. I believe this rotation is an excellent one for a dairy farm in Michigan and I've a good mind to try it out on Spring Water Farm. It has no cash crops in it, but it has a good many strong points and I'm passing it on to you for your consideration.

The annual freight bill on lumber is about 300 million dollars, in addition to the cost of the lumber. The average haul is 700 miles per thousand feet.



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MICHIGAN

Published Bi-Weekly at  
Mt. Clemens, Michigan

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

# The Michigan BUSINESS FARMER

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## Failure Is Not Part Of Hertzler's Vocabulary

Fact That Many Had Failed Did Not Stop Him From Buying Farm In Cut-Over Region

By WILL C. MUILENBURG

ALCONA county is located in the midst of the cut-over region in the lower peninsula of northern Michigan. One of its out-standing and most successful farmers is Samuel P. Hertzler, near the little town of Glennie. The story of this farmer's decided success should prove of interest for the reason that so many have tried farming in this section and, for one reason or another, have failed.

More than one abandoned farm will be seen in a drive through this country—a small, deserted shack, perhaps another building or two, a few acres of cleared land, and then—the edge of the brush and timber. One man, seeing these little deserted farms, called this "the Country of Blasted Hopes." It has proved to be that for many; for others it has been the land of realized hopes.

Let's get on with our story of how Hertzler made a real success of farming in this section. He came to Alcona county from Ohio in 1909 and purchased a quarter section of cut-over land. His immediate task was to clear the land, put up a shack and barn, and then get the cleared land in shape for crops.

His first crops the following spring were oats and clover seeded together, corn and potatoes. Though this region is rather far north for corn, he has succeeded in getting some mature corn almost every year since that time, and for most of these years he has had a little seed corn to sell to his neighbors. He is especially well pleased with Wisconsin No. 113, an extra early yellow dent that appears to be well adapted to this section.

When he came from Ohio, he brought with him a half dozen pure-bred Toggenburg goats and for fourteen years he kept a small flock of them. They aided very much in providing an income during those first few years, for three-months-old kids sold readily at \$50 to \$75 each.

During his first years in Alcona county, he paid special attention to dairying, milking as many as twenty cows at one time. He says dairying is one of the greatest opportunities for this region. He likes to handle sheep better, however, so the latter have replaced his dairy herd to a large extent. Most of the cattle in the Hertzler herd today are high-grade Herefords, the calves being sold as long yearlings.

### Started Orchard

One of the first things Hertzler did when he came to this county was to set aside an acre of ground for an orchard. The orchard now consists of two and a half acres of apple, pear and cherry trees. He has found the Early Harvest and Yellow Transparent the best summer apples for this country, Wealthy and Duchess of Oldenburg for fall, and Jonathan, Snow or Fameuse, Northwestern Greening, Wagner Romanite and Gano the best winter varieties. The Bartlett stands at the top among the pears, and the Early Richmond among the cherry varieties. The sale of surplus apples also adds to the farm income. The trees are carefully pruned and sprayed so that fruit of excellent quality is produced. The first few years, he has grown clover and alfalfa in it.

Of all the departments of his farm program, sheep have brought him the greatest net cash return, he says. They have never failed to produce an annual cash profit for him and they have also been the means of clearing much of his land of brush.

Hertzler began his experience with sheep in 1911, when he received a ewe in settlement of a small debt and he has gradually increased the size



If Samuel P. Hertzler, of Alcona county, was not making a success of his farming he could not build such a fine home as this.

of his flock until he now has 200 high-grade breeding ewes.

The western ewes he purchased were bred up with Rambouillet and rams. Ewes are brought through the winter on mixed hay, much the greater part of it a legume, and for the last six weeks before lambing they receive two pounds of oats each, per day. Because of the usually late spring in this section, the lambing season begins about the middle of April and lasts until about the first of June.

From the time they are dropped until they reach market at Buffalo, around the first of December, the lambs do not know the taste of grain, yet they are in such good condition that they generally bring the day's top price. Volunteer clover grows in much of this region, it affords abundant pasturage, and to its luxuriant growth must go the credit for the lambs' prime condition at time of marketing.

Hertzler says there is no great amount of hard work connected with sheep raising, but when they require care they must have it at once—or profits go glimmering. Lambing time is, of course, a very busy time on the Hertzler farm.

Later, when ewes and lambs are grazing, they are switched from one pasture to another every two weeks in order to combat the stomach worm pest. Springs and small streams supply an abundance of pure clean water. Sheds and barns protect them from cold rains, storms and snow, for, while sheep are able to endure considerable dry cold, they cannot endure a combination of cold and dampness.

### Several Swarms of Bees

For the past several years, from eight to ten stands of bees have produced a quantity of honey above family requirements and the surplus has found a ready market at excellent prices. Hertzler says he has also found the bees an important factor in growing crops for seed because their work in the fields makes for a more thorough pollination of the blossoms.

For the two-fold purpose of hay crop and rapid soil improvement, Hertzler seeded Mammoth clover on ground which had been cleared of brush but which still contained quite a number of stumps. Later, alsike and medium red clover were also grown.

A number of years ago, however, he tried out white sweet clover, seeding it in the spring with oats. He found that it yielded well, provided excellent pasturage and made a good quality of hay if cut when not too high and rank. He also found this legume very valuable for its soil-enriching properties, its root nodules storing up a considerable quantity of nitrogen.

### Seeded Some Alfalfa

Six years ago he made his first trial seeding of alfalfa. It was seeded on ground on which sweet clover had previously been grown and the seed was also inoculated. For the first four years he used a common variety of alfalfa seed and cut fairly good crops of hay, but for the past two years he has seeded only the northern-grown Grimm variety with much better success. The legume produces from three to four tons per acre on the Hertzler farm.

Instead of seeding it in the spring, he sows the alfalfa seed late in the summer. The field intended for alfalfa is plowed late in the fall and repeatedly disked and harrowed from the time the ground can be worked in the spring until late July or the first week in August, by which time the seed bed is in the very best shape to receive the seed. The constant cultivation keeps down the weeds and conserves the moisture, the latter an important point where a hot spell in summer is not at all unusual.

Hertzler uses a seven-inch grain drill for seeding and sows at the rate of twelve pounds per acre. He says this summer-fallowing system gives him the best stand and most vigorous growth. Last summer a field intended for alfalfa was found by test to be acid and a fairly heavy application of marl was made to neutralize the acidity. This marl analyzed 95 per cent pure lime.

Hertzler grows a certain acreage of fodder corn each year and he says that of all the various roughage feeds he has grown this gives him the greatest amount of feed per acre.

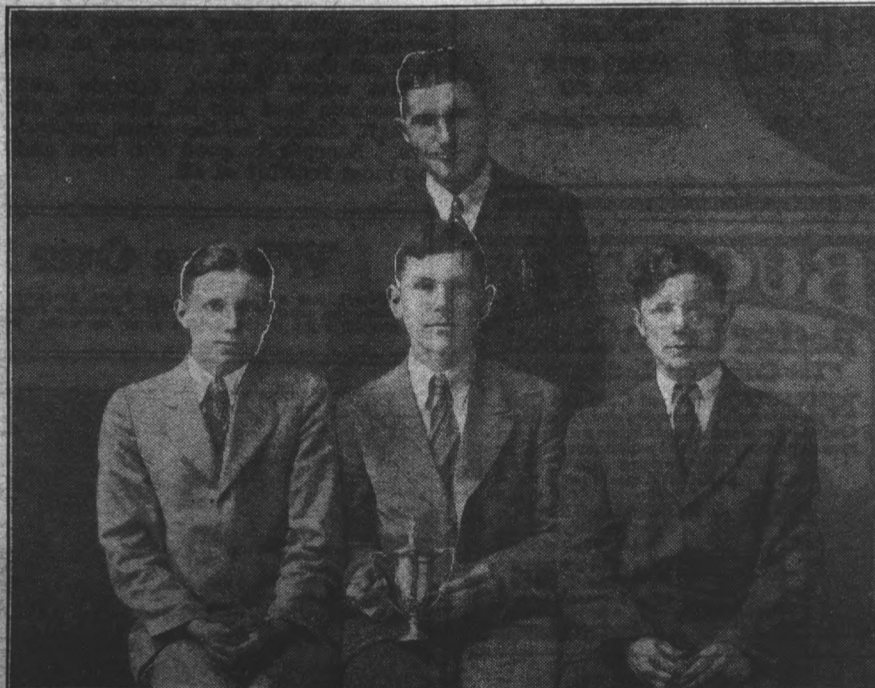
He is one of a ring of six farmers in his immediate vicinity who own a co-operative threshing outfit and tractor. It is not a large outfit, but it fulfills the requirements very well, and these farmers have the satisfaction of knowing that their threshing will be done when they want it done, and in short order—there is no waiting until the custom thresher comes along.

### Owens 525 Acres

Hertzler now owns 525 acres of Alcona county land, paid for in full, of which 65 acres are cleared of brush and stumps and 320 acres are partly cleared.

He is an all-around good farmer and what is more, he is a good manager, with everything that that implies. There is system in his work and no putting off until tomorrow what should be done today. Not a pound of grain is sold from this farm; it is marketed in the form of live stock and thus the fertility is kept on the farm. The workshop looks like a combination of machine shop and blacksmith shop.

In addition to making a real success of farming, Hertzler has not been too busy to take a prominent part in community affairs. He held the office of county supervisor for three years and he has served as justice of the peace in his township for twelve years. He is an officer and one of the directors of the county fair association. He is also active in local school and church work. And his seven children—five girls and two boys—have had and are receiving the benefits of high school and college education.



### STATE CHAMPION POTATO JUDGING TEAM

In a potato judging contest, with 512 contestants from over 60 Smith-Hughes schools in Michigan, held at M. S. C. May 3 and 4, this team from St. Louis carried away first honors. The boys are, left to right, Carl Johnson, Edward Underwood, and Gordon Helton. Standing back of them is Agricultural Instructor John C. Wilk, who coached them. This is the second consecutive year the boys have won the cup. As individuals these boys placed second, fifth and sixth.

# You can't beat this FERTILIZER for Wheat



You know from experience that your wheat crop must have high grade fertilizer to get it off to the right start in the Fall, to make it carry safely through the Winter, bring it out green and strong in the Spring and turn out a good grade and a big yield at threshing time.

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**KEEP UP YOUR ROTATION.** Sow Wheat this Fall. But choose your fertilizer with the same care that you prepare your soil and select your seed. "THE FERTILIZER LEADERS OF AMERICA" whose brands are shown below have spent a life time studying the soil requirements and the crop needs of the Winter Wheat Belt.

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have afforded the purest, sweetest and most satis-  
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## 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.)

### HAS NO RIGHT

Would the wife of an old soldier, who has become helpless and draws a pension of \$90 a month, have a right to deposit the pension in the bank in her name and the names of children by a former marriage?—"A Subscriber."

THE wife would not have a right to deposit the money in the bank in her and her children's names without his consent, or if he is not mentally able to give his consent, you would have to see the probate judge about it.—Legal Editor.

### MOTHER'S PENSION

My husband left me five years ago with four children to support; the oldest is 15, the youngest 5. I have one boy, 23, living at home, but I can't depend on him to support us all. Their father has sent us only about a hundred dollars in five years, and now I don't know where he is. Besides I have a sore leg for which I have been doctoring for a long time, but it gets no better. I am lame all the time, but I have to work just the same. I have been wondering if I couldn't get a mother's pension. Who should I see about it?—O. E. B., Evart, Mich.

If your husband has deserted you and does not provide for your support, you would be entitled to a mother's pension, if you are not financially able to do so yourself. Apply to the county agent, or to the probation officer. You would be entitled to not more than \$10.00 per week for one child nor less than \$2.00, and \$2.00 for each additional child under 17 years of age.—Legal Editor.

### PARENTS LIABLE

I would like to know if there is any law that will compel a child to pay for things broken in a school-house, and which one of the school board is suppose to look after these things?—J. F., Grand Traverse County.

EVERY person, generally, is liable for the injury that he does to others, especially where there is damage resulting such as the breaking of things at school. If the child is under twenty-one, this responsibility is placed upon the parent.

Matters of this kind can usually be adjusted between the school board and those concerned, and a question as broad as this cannot be specifically answered.

### PLANTING "IN THE MOON"

Some time ago I read of inquiries regarding planting "in the moon." Now it is always a safe gamble to plant things growing above the ground in the light or new of the moon, while those growing below ground should be planted in the dark of the moon.

The signs Cancer, Scorpio and Pisces are best for all planting although Cancer is the most productive. Scorpio is good for corn and the most fruitful of all.

Taurus, Capricorn and Libra are second best. Taurus is best for potatoes and root crops. Libra produces a great pulp growth and roots. This sign is also good for flowers.

The other six signs tend to barrenness and are good for destroying weeds and noxious growths, especially between the 1st and 20th of August. Onions and hay may be sown in the sign of Sagittarius and beans and cucumbers in Gemini.

The gathering of seed and harvesting should be done in the old of the moon in the signs of Cancer, Pisces and Capricorn.

Now all of this does not amount to much if the ground is poor, or seed poor, or the seed bed has not been properly prepared. That, I think, is the main thing in planting.—Mrs. W. S. P., Ortonville, Mich.

THE writer of this letter hits the moon sign question fairly when she declares the results depend upon the kind of seed and soil in which it is planted. The idea of the entire plan is that with all conditions equal, seed planted according to proper moon positions will bring forth the best results.

According to the above schedule, the harvesting dates this year fall as follows: August 3, 4, 12 and 13; September 1, 8 and 9 and October 5 and 6.—Pritchard's Weather Forecast.

## Bulletin Service

(The bulletins listed under this heading are free. Some are issued by the U. S. Department of Agriculture, others by agricultural colleges, and many by our advertisers. We carefully consider the bulletins that come to us from different sources and list those which, in our opinion, are of greatest value to our readers. If you want a copy of one or more just list them on a postal card or in a letter and mail to us with your name and address. They will be sent to you without charges of any kind.)

- No. 1.—POULTRY RATIONS.
- No. 2.—MODERN WATER SUPPLY.
- No. 3.—SOIL FERTILIZERS.
- No. 4.—SEED CORN CURING.
- 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. 16.—TIRE CARE.
- No. 17.—FARMERS' TAX GUIDE.
- No. 19.—CONCRETE BUILDINGS.
- No. 20.—MOTHS AND BEETLES.
- No. 21.—FEEDING FOR EGGS.
- No. 22.—CHICK CARE AND FEEDING.
- No. 23.—BETTER GRAINS AND HAY.
- No. 24.—100 FOODS FROM 4 RECIPES.
- No. 25.—FARM LEASE SYSTEMS.
- No. 26.—ORCHARD MANAGEMENT.
- No. 27.—RASPBERRY PLANTATION.
- No. 28.—POULTRY FEEDING SECRETS.
- No. 29.—FLIES IN DWELLINGS.
- No. 30.—MORE MONEY FROM COWS.
- No. 33.—CULLING FARM FLOCK.
- No. 34.—POTATO GROWING.
- No. 35.—PROFITABLE ORCHARDS.
- No. 36.—TRACTOR LUBRICATION.
- No. 37.—MODERN POULTRY HOUSES.
- No. 38.—POULTRY, SWINE DISEASES.
- No. 39.—AUTOMOBILE LUBRICATION.
- No. 40.—YOUR TRACTOR.
- No. 41.—A FEW BOARDS.
- No. 42.—REAL ESTATE ASSESSING.
- No. 43.—FARMING UNDER PAPER.

## Where Our Readers Live

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



Home of the farm of Mr. and Mrs. Geo. A. McClure, known as "Mill Lake Farm," in Washtenaw county.

# THRU OUR HOME FOLKS' KODAKS



**ALL SMILES.**—That's our little friend, Doris Marie Bredeck, of Hillsdale county.



**"WHEN IT'S APPLE BLOSSOM TIME IN MICHIGAN."**—John Robinson standing in the Tuttle-Johnson Baldwin orchard in Ingham county on May 20 when it was in full bloom.



**TWO SISTERS.**—Inez M. King, Tuscola county, tells us that they are two sisters.



**HELPING IN THE HARVEST FIELD.**—When it is harvest time there is nothing like having plenty of help. Rose Ella, Clarice Schwab, and Helen Horn are doing their bit on the Schwab farm, Ionia county.



**SISTER AND BROTHER.**—Alice Stearns is fourteen years old and her brother, George, is eight. They are the children of Mr. and Mrs. Frank Stearns, Allegan county.



**FOUR GENERATIONS.**—Richards Wells, age 70, of Tuscola county, and his wife, 65, held their Golden Wedding anniversary last March. They have 7 children, 23 grandchildren, and 16 great-grandchildren.



**ARTHUR CLUTE.**—"My youngest son," writes Mrs. H. Clute, Charlevoix county.



**"ALL READY FOR WORK."**—Looks like Robert Crow, three year old son of Mr. and Mrs. Jay Crow, of Branch county, is going to help his daddy.



**MARRIED 70 YEARS.**—Chas. Stevens, Mason county, is 89 and his wife 88.



**EGBERT AND ANITA PELON.**—They are the grandchildren of Mr. Egbert Pelon, who lives in Ottawa county. Why so sober, kiddies?



**TAKING A WALK.**—Genevieve Dunn, Washtenaw county, and a friend.



**A FAIRY.**—"Freda, my daughter," writes Wm. Gorchka, Saginaw county.



**MOTHER AND DAUGHTER.**—Mrs. Charles Potter, of Shiawassee county, sent us this picture of herself and her little 2 year old daughter.

# The Michigan BUSINESS FARMER

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SATURDAY, JULY 21, 1928

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MT. CLEMENS, MICHIGAN

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"The Farm Paper of Service"

## FARMERS' DAY

BY all means make your plans to attend Farmers' Day at Michigan State College on July 27th, and take a well filled lunch basket and enjoy a picnic on the campus. It is your college again, farm folks, and you are going to get far more benefit out of it in the future than you have in the past, especially during the last few years. We do not recall any time during our acquaintanceship with the college when the agricultural division seemed more interested in its work or looked forward with such eager interest to what the future may bring forth. This will be a Farmers' Day such as you never attended before, we will wager. Do not miss it. Senator Arthur Vandenberg is the featured speaker.

## WHO WAS TO BLAME?

FARMERS of the corn belt do not seem so busy now trying to decide which way they are going to vote this fall as they are trying to figure out what happened at Kansas City. Certain farm leaders, loud in their condemnation of the administration, promised a huge demonstration and it turned out like it was a wet firecracker. Do you suppose some of these leaders are making eyes at the high salaried jobs someone will be getting if the McNary-Haugen bill ever became a law rather than trying to really assist the farmers?

## EXHIBIT AT THE FAIR

AS our good Friend Meeks said in the July 7th issue, "I have just recently ceased to think of the 1927 State Fair, and lo, I pick up a paper and read an advertisement telling all about the 1928 State Fair." Time certainly does fly and before we know it fair time will be upon us, perhaps before we are ready for it if we intend to put up an exhibit. And why not exhibit if we have anything worth while to show?

Exhibits make the fair, whether it be county or State. You cannot have an agricultural fair without good exhibits and the more the better. Most of us are too much inclined to underestimate our products before fair is held and then after looking at the exhibits feel like kicking ourselves for not making some entries. How often you hear the remark, "Why we have better than that at home!" But having something better at home doesn't help the fair and it doesn't help you.

There are many reasons why you should exhibit at the fair but there are at least three very good ones, any one of which ought to be enough to cause you to enter the best you have.

One reason is that plenty of good exhibits help build interest in the fair which helps your community and your State and in turn helps you personally.

A second good reason is that you stand the chance of winning some money. We know of several farmers who exhibit annually at two or more fairs, picking up quite a bit of extra money. A few of them travel all over the State visiting and exhibiting at county fairs. Then in September

ber they wind up at the State Fair. They do it year after year so it must pay.

A third and very business-like reason is the advertising you, your products and your farm get out of it. Perhaps you have a roadside market or plan to open one. Is there any better place to advertise what you have to sell than at your county fair? Maybe it is purebred livestock you are raising. Or high grade seed corn, wheat, other grains, or potatoes. Or possibly it is fruit. No matter what it is the fair offers you the chance to advertise your products. Why not cash in?

## FRUIT AND BEES

THE team of Dairy Cows and Alfalfa has the center of the stage in rural Michigan in most sections but a new combination is rapidly coming to the front and promises to be just as popular in certain sections. It is Fruit and Bees in our fruit producing districts. Experiments show that bees strip the pollen in gathering nectar and thereby fertilize the blossoms which results in an increased fruit production.

This is in line with Michigan's diversified crops program. Even the fruit grower will not have his eggs all in one basket, having at least fruit and honey to market. If there is a State in the Union where the average farmer has a better chance to make good year after year we would like to hear of it.

## RURAL RELIGION

THERE are 51,000,000 people living in rural America today who are not receiving the inspiring ministrations of religion that should be theirs, according to Rev. Paul Peterson, of the First Presbyterian Church, of Pontiac. Rev. H. W. Foreman, director of rural work in the social service department of the Episcopal church, New York City, estimates it at 45 millions. Take either figure, the highest or the lowest, and you have something worthy of much serious thought.

There is no doubt about there being much truth in what these gentlemen say but we believe that in setting these high figures they should have said "do not attend church" rather than "not receiving the inspiring ministrations of religion."

With the decline of the old country church there has been a decline in religion to a certain extent in rural communities, especially those far removed from towns and cities. Some of the members have gone to town to places of worship on Sunday, to churches that are far finer than anything they ever had in the country, where they listen to sermons that are more polished and perhaps more inspirational than any delivered by the poorly paid and equipped pastor of their old country church. But there are many more who have not gone to town or city on Sunday, preferring to do their worshipping at home rather than travel some distance to a church where they would feel ill at ease, surrounded by strangers, many of them dressed in the height of fashion. As long as their humble country church continued to function they attended there, worshipping God among their kind, among neighbors they knew by their first names. When the old church closed because of lack of funds to support it they transferred their place of worship to their own home.

It is here where such men as our own Rev. Warner are doing their bit. Farm papers all over the country have added a rural pastor to their staff of contributing editors, until we doubt if there is a section that is not served by at least one paper that makes a sermon a regular feature. Their sermons are going into the homes—many of them at least—to take the place of the country pastor and the city pastor. We believe Rev. Peterson and Rev. Foreman have not taken these faithful servants into consideration, or the radio which is being used so extensively, in setting their figures, or if their figures mean farm folks not attending church they should so state.

## FIRE PROTECTION

THE latest group of farmers and townsmen to get together on fire protection, that has come to our attention, is in Macomb county. One hundred and forty farmers within a seven mile radius of Armada have paid \$25 each for protection for the next 15 to 25 years and additional members are being signed up. The truck will serve non-member farmers at a cost of approximately \$100 a call.

At a safe figure this protection will not cost members over a dollar and a half a year which makes it one of the best investments they ever had or will have.



THE best time of the year, Oh my, is when we get green apple pie. There ain't no fruit on all the earth or all the planets that is worth the makin's of an apple pie, a man could fight for it and die all full of pie and thankfulness, I ain't got any bashfulness when my Mirandy's makin' pies, she makes 'em worthy of a prize. When I go up among the blest I want a pie beneath my vest, St. Peter'll welcome me if I present him with an apple pie!

I don't care if my oat crop's small or if my spuds don't yield at all, the cholera can get my swine, just so the apple crop is fine. My chickens all can get the pip, my hired man can have the gripe, and all my milk cows can go dry if I just have my apple pie. There ain't no crop beneath the sun can hold a candle to that one, the apples hangin' in the trees, would make a dog forget his fleas. No trouble e'er can worry me while I have got my apple tree, and know it always will supply the makin's for my apple pie!

## PETER PLOW'S PHILOSOPHY

There is two kinds of fishermen. There is the feller who fishes 'cause he enjoys the sport. An' then there's the feller who fishes 'cause he's too lazy to work.

I see by the paper that Mr. Wardell, of the Moderation League of Michigan, who promised 63,000 signers to a petition so's we could vote on prohibition this fall got only 5,000 names. Kinda looks like his wet ideas were "all wet" as far as most folks are concerned.

Only 234 people were killed on the last Fourth of July in this country. The fact that senators ain't called on so much to talk on this day any more may have somethin' to do with the decline in the death rate. Certainly a feller couldn't be held responsible for what he did after facin' one of them gas attacks for a hour or so.

Ever hear this one? A feller was drivin' along the road in his car at a fast rate of speed when he had an accident and it turned over. He went to the nearest house to telephone to a garage.

"Hello," he said. "I've turned turtle. Can you send someone out to help me?"

"I'm afraid not," replied the new boy who was none too bright. "You ain't got the right number. What you want is the zoo."

## COMING EVENTS

July 23-27.—Farm Women's Week, M. S. C., East Lansing, Mich.

July 16-27.—Smith-Hughes Agricultural Teachers, M. S. C., East Lansing, Mich.

July 27.—Farmers' Day, M. S. C., East Lansing, Mich.

July 31-Aug 3.—International Baby Chick Ass'n Meeting, Cedar Point, Ohio.

Aug. 3-4.—Tour of Michigan State Horticultural Society.

Sept. 2-8.—Michigan State Fair, Detroit, Mich.

Sept. 10.—Opening Day Hatcherymen's Short Course, M. S. C., East Lansing, Mich.

Oct. 30-Nov. 2.—Top O' Michigan Potato Show, Gaylord, Mich.

Nov. 2-3.—State Horticultural Show, M. S. C., East Lansing, Mich.

Nov. 7-10.—Greenville Potato Show, Greenville, Michigan.

Nov. 14-16.—Western Michigan Potato Show, Big Rapids, Mich.

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

## The Publisher's Desk

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

### IDEAL GARMENT COMPANY

I am writing you to see if the Ideal Garment Company of Philadelphia, Penn., is all right. They want me to sew dresses and aprons for them but they want me to pay \$1.50 to them.  
—Mrs. F. Rothbury, Mich.

JUST another one of those work-at-home scheme companies advertising for ladies to "earn \$12 to \$18 weekly spare time, sewing aprons." The \$1.50 deposit is for instructions and sample garment, and the sewed garment is to be submitted to the company for approval. If it is satisfactory the worker has to make a deposit of \$5 for materials necessary to make additional garments. She receives \$2 a dozen for all these garments that are satisfactory and after two dozen have been accepted she receives garments of a better quality, they say, and gets \$4 a dozen for her sewing. Later still better grade garments are sent her and she receives higher prices, according to their statements, with the top price \$10 a dozen. The company sells the garments on mail orders. Founders of the business, M. Polachek of New York City and L. R. Fields of Upper Darby, Penn., admitted that they had never had any experience in the mail order business before.

Most of the work-at-home schemes, as they are being operated today, rank about zero or under with us and this is no exception to the general rule.

### GETTING THE QUACK DOCTORS

FEW of us realize the large number of quack doctors that are living off the people in this country or appreciate the huge sums of money they bleed their victims of annually.

Detroit, said to have around two hundred quack doctors, recently started a clean up, the State police working with the city officials. The first place they raided was called "Doctors for Men" and was operated by three men, only one of whom was a physician although all of them claimed to be. Daily receipts of the office frequently exceeded 1,000 dollars, according to the records seized and, while a complete check has not been made, officials are of the opinion that the office took in well over a hundred thousand dollars last year.

One of the victims, a foreigner who has been in this country three years, was interviewed. On November 23, 1927, he had a sore on his lip that made him nervous so he decided to see a doctor about it. Noticing the "Doctors for Men" advertised free advice he went to them. But it turned out their advice was not as free as it first appeared to be. After an examination the "doctors" declared it was caused by a venereal disease and it would cost him \$450 for a complete cure. He assured them he did not have any money with him and they said that was all right, but to give them an order and his bank book and they would go to the bank and get it. He finally consented to do this and when he later got his book back he discovered they had withdrawn \$453; the three dollars were for medicine. This left him a balance of \$629, which they did not propose to let get away from them, because on December 5th they told him that his case was much worse than they had first thought

and it would cost him an additional \$1,200 to be put in A-1 condition again. As he did not have that amount, they very kindly offered to take his check for \$620 and let him pay the rest of it in installments. Three days later he paid fifty dollars and on December 24th he paid \$100 more, making a total of \$1,470, not including \$3 a week for medicine.

Affidavits from other victims showed payments for treatment of from a few dollars to \$2,000, depending on how much he had. They claimed to be a member of a large company with offices in all the larger cities, and when the victim failed to show much interest in their diagnosis they would advise one of their "specialists" would be in town the next day and examine him. It was the business of the "specialist" to throw fear into the man's mind so that they could bleed him to the limit. Officials who worked on the case advise that one of the "specialists" was a veterinarian and another a former coal miner from Pennsylvania.

And this is but one office in one large city. Think of the thousands there must be in the United States, all of them making good money at it or they would not be in it.

### CORAL GABLES BANKRUPT

FLORIDA'S boom days are recalled with the announcement that three creditor companies, listing claims aggregating \$4,050, have asked a receivership for the Coral Gables Corporation, developers of the largest subdivision project in Florida. During the time when Florida real estate was climbing skyward and prices were going to heights entirely beyond reason this company bought pages and double-page spreads in colors in many of the leading magazines of the country.

At one time Coral Gables, located on the outskirts of Miami had a population of 12,000. It was built on land reclaimed from the wilderness. An estimate recently made of the company gave an outstanding indebtedness of \$29,000,000 with no available assets for immediate liquidation.

### THE LATEST IN CATTLE RUSTLING

INDIANA has discovered the latest in cattle rustling. A farmer held an auction sale of 40 dairy cows. One was bought by a stranger, who gave the name of "James Brown" to the clerk. As the sale went on "James Brown" and his purchase were forgotten until at the end when buyers were making final settlement before departing for home with their newly-acquired cows and it was then learned that he had loaded his cow into a trailer attached to his car and left for points unknown. Those who saw him load the cow thought he had made proper arrangement about taking his before others did, so asked no questions. Officers are looking for the man but at this writing have no clues as to his whereabouts. He is described as being about 36 years old, 5 feet 10 inches tall, weighs around 160 pounds and wears shell-rimmed glasses. The cow is an unregistered Guernsey, about half white, with udder well shaped and a small fifth teat on the right side.

### THANKS

I have got a shipping bill from M. W. Savage Company for two bee hives so will cancel my claim against them. I don't think I would ever have heard from them only for your help. Thanking you for the kindness and help.—N. C. Palmyra, Mich.

Today I received the check from the Stayfarm Company, Chicago, for the amount they owed me. They mentioned receiving your letter and I think it was through your help that they were more prompt. I wish to thank you for what you did and also wish to say that your MICHIGAN BUSINESS FARMER is studied like a text book in our home and some day soon we hope to go back to the farm and do some of the things it has taught us.—Mrs. G. W. D., Grand Rapids, Mich.

## A RETIRED BANKER SAYS: "I don't want to worry any more"

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- 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.

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THE BUSINESS FARMER, Collection Box, Mt. Clemens, Mich.

Report Ending July 12, 1928

Total Number Claims Filed	2,231
Amount Involved	\$36,038.35
Total Number Claims Settled	2,710
Amount Secured	\$33,574.54

## THE PRESSURE COOKER

THE ideal canner is the steam pressure cooker. The past few years have seen rapid development in this useful type of apparatus, and there are now a number of excellent pressure cookers on the market. They are substantially made of aluminum, fitted with a steam gauge, a petcock for the escape of steam, and a safety valve. A pressure cooker is practically a miniature canning factory enabling the housewife to get the high temperature and pressure used in commercial canning. This reduces the time of processing, which is important when considerable canning is done, and practically eliminates the danger of spoilage in canning meats and non-acid vegetables. The first cost of a pressure cooker is rather high, but it will more than pay its way in a large family, as it is admirable for cooking large joints of meat, old fowls, etc. As it greatly reduces the time for general cooking it is also a fuel saver and time saver, and therefore a money saver.

Pressure canners vary according to their manufacture and are usually accompanied by printed directions. Although these may not give complete information as to the period of processing, it is advisable to observe the instructions for operating and caring for the canner. The following general rules and precautions should also be observed:

1. Pour enough water into the canner so that the level of the water is just below the rack on which the jars are to be placed. Have the canner on the fire and see that the water is boiling when the jars are ready to be processed.
2. Put in the jars. Adjust the lid of the canner.
3. Have the petcock on the cooker open until steam escapes in a steady stream, indicating that the air has been expelled.
4. Close the petcock and keep it closed during the cooking process.
5. Bring the pressure to the desired point slowly and note the time when this pressure is reached. Process for the required length of time, keeping the pressure stationary during the entire period.
6. At the end of the processing period, turn out the fire or remove the cooker from it. The pressure will gradually drop to zero. Let the pressure indicator stand at zero for a few minutes before opening the petcock.
7. Open the petcock gradually, allowing the steam to escape slowly. When no more steam comes through the petcock, release the clamps, open the cooker, take out the jars, and seal them immediately.

## MORE ABOUT CANNING

IN SPITE of the length of the article on this subject in the last issue, there is still considerably more to be said before the topic is covered adequately. However, we will attempt to be brief. This time we will touch upon the preparation and canning of vegetables. There are a great many of you, we know, who are anxiously waiting to hear the best method of putting up corn and peas, judging by the letters of inquiry we receive.

**Sweet Corn.**—Select corn in the "milk" stage just before it reaches the "dough" stage. Can it as quickly as possible after it is picked. Remove the husk and silk. Place the corn on the cob in a tightly covered vessel of boiling water for five or ten minutes in order to set the milk. Cut the kernels close to the cob. The remaining pulp may be scraped and canned for soup. Pack the corn loosely in the jars, leaving  $\frac{1}{2}$  inch space at top. Add a level teaspoonful of salt to each quart. Add boiling water to within  $\frac{1}{2}$  inch of top. Partially seal and process in boiling water for three hours. Seal jars, cool, and store them.

**Peas.**—Select young, tender peas for canning and can them as promptly as possible after they are picked. Put the peas in a cheese cloth bag or wire basket and place in a tightly covered kettle of boiling water for five or ten minutes. Pack loosely in the jars, leaving  $\frac{1}{2}$  inch space at the top. Add one teaspoonful salt to each quart and boiling water to  $\frac{1}{2}$  inch of top. Partially seal and process in boiling water for three hours. Seal jars, cool, and store them.

**String Beans.**—Use only fresh, tender string beans. Wash thoroughly, remove strings and tips. If desired, cut pods into short lengths. Place in a tightly covered kettle of boiling water for five or ten minutes. Cold dip and pack into jars. Add one teaspoonful of salt per quart and boiling water to  $\frac{1}{2}$  inch of top. Partially seal and process for two hours in boiling water. Seal jars, cool, and store them.

**Greens.**—This term includes all plants used for greens, such as spinach, Swiss chard, kale, young beet tops, and dande-

## THE FARM HOME

A DEPARTMENT FOR WOMEN  
Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: Whittier once wrote a poem in glorification of the barefoot boy, and a very good poem it is, too; but I don't think there ever was a barefoot boy who had any more fun than I did—a barefoot girl. These blistering hot days we are having now remind me of that happy time. All summer long my feet knew no shoes and stockings except on Sundays or special occasions, and what a delicious freedom it was. Of course, when one went berry picking it was necessary to dig up a pair of wrecked old shoes and some tattered stockings for protection against the onslaught of the briars and what other perils the woods might offer, but ordinarily the working days of the week saw me a barefoot tomboy.

Did you ever undertake to cross a field of wheat or oats stubble barefoot? Did you ever try it again? How many old nails and pieces of glass have you stepped on? Snakes have always been my pet horror, and I shall never forget my sensations the day I accidentally stepped on one that was lying in some deep grass, even though it did belong to the harmless streaked variety.

And there is another barefoot memory that I shall always recall with amusement. I had been visiting my grandfolk's farm up in the hills, and while there I had filled the lap of my apron with apples. These I clutched tightly with one hand while I gaily swung my straw hat in the other. The road was one that was rarely used, except occasionally by foot travellers, because of its steepness, and as a consequence it was badly overgrown. Naturally, the logical place to walk was in either wagon rut; but, no, being in fine fettle and having no immediate way of working off my high spirits, I chose to tear down the middle of the road where the tall grass, milkweeds, etc., reached above my waist. Half running and half walking in this fashion and not paying any too careful attention where I was going, I ran full tilt into a low sumach bush which harbored a nest of angry yellow jackets. The apples went one way, the straw hat another, while I made myself as distant from the scene of action as I could in the shortest possible time. When I was certain that the yellow jackets had given up the chase, I stopped to count my wounds of battle. They numbered an even dozen on face and legs and arms. I arrived home just at supper time a very bumpy young person, and was the subject of much jesting on the part of my family. Memories are pleasant things, aren't they?

Your Friend,  
Mrs. Annie Taylor

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

lions. Use only fresh greens and can them the same day they are picked. If slightly wilted, freshen by soaking in cold water. Wash thoroughly. Place the material in a cheese cloth bag or a wire basket and suspend it over boiling water. Closely cover the vessel. Steam for fifteen minutes. Pack greens into the jars and cut across the contents at right angles with a sharp knife so that the heat may penetrate more quickly. Add salt and boiling water to  $\frac{1}{2}$  inch of top. Partially seal and process in boiling water for two hours. Seal jars, cool, and store them.

**Asparagus.**—Can only fresh asparagus. Grade it as to size and maturity. Wash thoroughly. The tender stalks of even length may be canned whole. Cut the stalks the length of the jar and tie them in bundles. From the remaining asparagus break off the tough part of the stalk as far down as it will snap. Cut the tender parts into pieces of any desired length. Place in a covered kettle of boiling water just long enough to make the stalks flexible (2 to 3 minutes), leaving

the tips out of the water half of the time. Over-blanching causes asparagus to become soft and mushy. Cold dip the asparagus immediately and pack into jars. Add salt and boiling water. Partially seal and process in boiling water for two hours. Seal jars, cool, and store.

Be sure that the material is packed at once after removing it from the boiling water. Do not blanch any more at a time than it takes to fill one or two jars. In doing so use at least four quarts of water to one quart of vegetables.

## Personal Column

**Cookie Recipe.**—I would like to hear from someone who has a good cookie recipe.—Mrs. D. Denslow, Mecosta County.

**Crackers.**—Last week, Mrs. G. F. asked in the Personal Column how to make crackers. Here's the recipe.

1 pt. sifted flour, 1 teaspoonful baking powder, 4 tablespoonsful melted butter,  $\frac{1}{2}$

## AIDS TO GOOD DRESSING

## SHOPPER'S NOTEBOOK

It is rumored that brown in all its shades will be most prominent in the fall color scheme. The tuck-in shirtwaist is undergoing a revival, not only for summer but also for our fall fashions. Something new in a bouquet for your jacket or coat lapel is a cluster of small red, white, and blue flowers called "Lindbergh Geraniums." Many well dressed women are belting their dresses at the normal waistline. A large number of hats, both in straw and light colored felt, are trimmed with tiny bands of contrasting felt instead of ribbon.

## PATTERNS

**5335.**—This comfortable "underslip" for the stout figure may be finished with either shaped or a camisole top. Use crepe de chine, wash satin, mercerized sateen, cotton or rayon material. Cut in 3 sizes: 38, 40, 42, 44, 46, 48, 50, 52, and 54 inches bust. A 42 inch size requires  $3\frac{1}{2}$  yards of  $36$  inch material if made with shaped shoulders, 3 yards if made with camisole top.

**6204.**—A dainty frock for a little girl. This is an excellent style for soft materials, such as dotted swiss with organdy trimming, voile, crepe de chine, pongee, or batiste. Cut in 4 sizes: 4, 6, 8, and 10 years. A 10 year size requires  $2\frac{1}{4}$  yards of  $36$  inch material with  $\frac{1}{2}$  yard of contrasting material.

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Mt. Clemens, Mich.



teaspoonful salt, white of egg beaten, 1 cup milk. Mix with it more flour, enough to make a stiff dough. Knead a long time, roll very thin, cut in squares, and bake until light brown.—Miss M. D., Blissfield, Mich.

## What To Eat

**Picnics.**—Isn't this ideal weather for picnics? At the end of a hot summer's day what is more refreshing than to have supper in the open down by the creek, along some shady river bank, or atop some towering hill that commands a view of the countryside? There isn't any need to dress up or fuss. When John comes up from the field just have everything ready in a basket, and as soon as he has washed and changed his shirt hop into the car and away. Or, if you haven't a car, perhaps there's some cool, pleasant nook right on your own property where you can spread your picnic supper and eat and loaf—down in the orchard under the low spreading boughs of an apple tree or in the friendly shade of some elderberry bushes. The children will love it, and you will be surprised how such a slight change in the day's routine will give you a new interest and outlook.

A picnic to many people means hours of preparation and a lot of bother, but that is the old fashioned kind. Styles in picnics have changed, and now they require no more work than an ordinary meal at home. The important thing to remember about planning a picnic is to have it consist of about the same foods as you would serve at an in-door meal. The main reason that picnics and indigestion are commonly associated in the minds of many is that we feel we must do justice to all the conglomeration of food that is usually present, and our poor stomachs simply will not bear up under the strain. Modern picnics are appetizing for all their simplicity, and a great deal kinder to our digestive systems. Besides they are much less work for Mother, who can now enjoy herself with the rest of the family.

If you go where you can build a small fire, bacon, wieners, or beef steak are delicious broiled over the coals on long sticks, or better still an old-fashioned wire toaster can be pressed into service, thus making it possible to broil several pieces at once. These may be eaten between rolls or slices of bread and butter. Broiled steak is much improved when it comes from the fire by the addition of a little butter and salt and pepper. Green onions, radishes, and tomatoes may be eaten "out of hand." Milk, lemonade, or tea, cooled beforehand in the cellar or elsewhere can be carried along in a chilled glass fruit jar, if you do not have a thermos bottle. A big wedge of pie, or cake and cookies with some fruit will serve to round off the meal and give that satisfied feeling.

In case a fire cannot be had, there are a variety of picnic sandwiches which are tempting. Did you ever try bacon, tomato, and lettuce sandwiches? If not you have a treat in store. Just tomatoes or cucumbers with crispy leaves of lettuce and a touch of salad dressing make good sandwiches, too. These are especially good with brown bread. Peanut butter mixed with either mayonnaise or jelly makes a nice filling, as does likewise cottage cheese and jelly. Of course, there is always the old standby, sliced cold meat which the addition of a leaf or two of lettuce improves. It is a good plan to have two or three kinds of sandwiches so as to lend variety to the meal. If you take meat sandwiches, a potato or bean salad fits in well, together with other fresh vegetables that may be eaten from the hand. There are other kinds of salad, too, which "go well," which will occur to you when you start planning.

If you enjoy picnics, don't wait for Sunday or a holiday to come along to have one. Make them a regular occurrence during the hot days of the summer and see how your family responds.

## Klever Kiddies

My two-and-a-half-year-old daughter was pushing her wagon, and she fell on her knee on the cinder driveway. Hearing her cry, I hurried out to see what was the trouble. Her knee was bleeding badly and she was looking all over the driveway as though she had lost something and were trying to find it.

"What's the matter, Gladys?" I asked. Between sobs, she replied:

"I fell on my knee and it's all 'kinned,' and now I can't find the 'kin'!"—Mrs. Frank E. Crook, Saginaw County.

## Folks at Our House Like—

Enclosed, you will find one of my favorite recipes, as I enjoy other recipes out of your magazine.

**Honey Fruit Cake.**— $1\frac{1}{2}$  cups melted honey,  $2\frac{1}{2}$  cups butter or other shortening melted;  $\frac{1}{2}$  cup sweet milk; 2 eggs well beaten; 3 cups flour; 2 teaspoonsful baking powder; 2 cups raisins; 1 teaspoonful each of cloves and cinnamon.—Mrs. Frank E. Crook, Saginaw County.

## The Children's Hour

**DEAR BOYS AND GIRLS:** At last I am able to tell you about the winners in our big drawing contest and the fine prizes they received. First prize was a large drawing pad with a set of hard pastels and two drawing pencils. Ariel Denton, of Saranac, won it with a very pretty pencil sketch entitled, "A Garden." Second prize was another but smaller drawing pad with a set of hard pastels, which Eleanor West, of Mount Pleasant, won with her picture of "The June Bride." Julia Spiesz, R. 3, Box 73, Fennville, won third prize, a pound of modelling clay, with a picture of a cowboy. A box of modelling wax was fourth prize and it went to Agatha Smith, South Boardman, who drew a picture of a nice looking girl. I am sure these young artists will enjoy their prizes very much.

In the "Read and Win" contest, published in our July 7th issue, the boys came into their own by capturing first and second prizes. John W. Crosby, Box 77, Edenville, won first prize and got a Conklin Pencil. A purple leather diary, as second prize, was won by Frances Hufnagel, of Fowler. One of the latest games to be invented, called "Lindy Flying Game," was third prize, and Al Palenick, of Bradley, got that. Florence Kollman, R. 2, Grand Ledge, received fourth prize, a vanity set consisting of a small mirror and comb.

Now I hope you will excuse me for not putting on another contest in this issue, but I am going to take a little vacation, and I do not want to start another until I am back to take care of the many letters. I will be on my vacation before you read this but I will be back in time so we can have a contest in the issue of August 4th. All I will tell you now is that it will be a new kind, called a "Bird" contest.—UNCLE NED.

### Our Boys and Girls

Dear Uncle Ned.—I have never had the courage to write to you before but decided to break the ice tonight when I read the letter from "A Wild Flower In Full Bloom."

I think she is wrong in her ideas of our President being wrong and old fashioned about girls and boys smoking and drinking. I fact, I am positive if there were more boys and girls with the same idea as our President about smoking and drinking this world would be a different place to live in. Don't you think so Uncle Ned?

Oh, Uncle Ned, do you have to have a membership pin to belong to the Club? We have been taking the M. B. F. for a short time but like it real well. Am very interested in the Club and would like to belong. Would you please tell me how I could join your wonderful Club?—Viva Reid, R. 2, Wayne, Mich.

—Well, I am glad something caused you to "break the ice" and now that it is "broke" I hope you will not let it "freeze over again." I think your ideas about smoking and drinking good. You can belong to Our Club without having a pin, just the same as a person can belong to a lodge without wearing the official pin of that lodge, but you must live up to our motto and pledge, and if you do

want a pin you can get it by sending in two cents as your initiation fee.—Uncle Ned.

Dear Uncle Ned:—I am not a member of your "circle" but would like very much to be one. Some of the girls have been giving descriptions of themselves so I will try and give you mine. I am 4 feet 5 inches tall, weigh 83 pounds, and have light brown hair and blue eyes. I am 12 years old and in the 8th grade. I live on a 40-acre farm. My father is a truck gardener. I have a black thoroughbred English shepherd dog named "Nigger." Also a hen, rooster and four baby chicks for pets.

I have read the paper for about a year and have enjoyed it very much. I for one do not agree with "Wildflower" about smoking and drinking. I think that smoking is all right for men (not boys) if they do not carry it to extremes, and not a person should drink intoxicants.

Will you please tell me how to get a pin and card? Your want-to-be niece.—Ellen Brininstool, R. 1, Holt, Mich.

—All you have to do to get a pin and card is send in two cents and promise to live up to Our Pledge to the best of your ability.—Uncle Ned.

### Tongue Twisters

A tutor who tooted the flute, tried to teach two young tooters to toot. Said the two to the tutor, "Is it harder to toot, or to tutor two tooters to toot?"—Roy R. Rushman, R. 2, Howard City, Mich.

### Riddles

Why does a miller wear a white cap? To cover his head.

Which is the most ancient of trees? The elder.

How can you shoot 120 hares at one time? Shoot at a wig.

On which side of a pitcher is the handle? The outside.

Why can negroes be safely trusted with secrets? Because they always keep dark.

What is higher and handsomer when the head is off? A pillow.—Harriet Gerren, R. 3, Clare, Mich.

What car do you ask for when you buy a hen? Chevrolet (she ever lay?).—Vera Eicher, Elkton, Mich.

### Jokes

#### ANSWER THAT ONE

Mr. Sharp: "Is it true this clock will go twenty days without winding?"

Mr. Kipp: "Yes."

Mr. Sharp: "Then how long will it go if you wind it?"—Martha Louise Scott, R. 4, Marshall, Mich.

#### TIME FOR HIM TO BUY

He: "You look good enough to eat."

She: "I do eat."—Martha Louise Scott, R. 4, Marshall, Mich.

### A Game to Play

#### BLIND MAN'S BREAKFAST

**B**EFORE starting this game we ought to spread two large sheets of paper on the floor. This being done two players are blindfolded and seated opposite each other just within arm's reach. Then each is given a slice of bread and butter or a cup of bread and milk and a spoon, and they are to proceed to feed each other as best they can. Their clothes should be well protected for the spoons go anywhere but into their mouths. The blind man's breakfast is one of the funniest meals in the world.—Irene Schwenk, R. 5, Grand Rapids, Mich.

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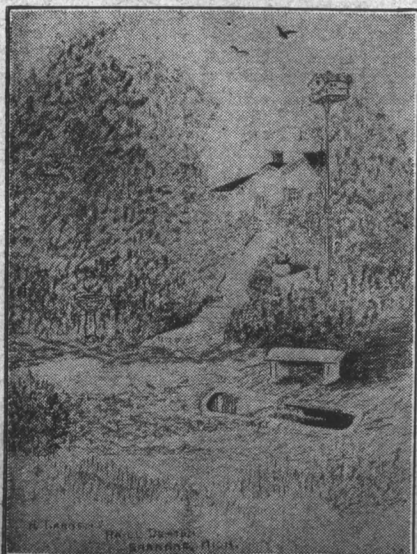
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FIRST PRIZE

This drawing, entitled "The Garden," won first prize in our contest. It was done by Ariel Denton, of Saranac, Mich.

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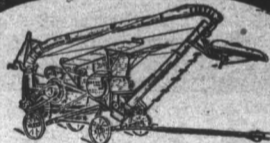
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New York, June 26th, 1928. The Board of Directors have declared a quarterly dividend of sixty (60c) cents a share on the Common Stock of this Company, payable August 15th, 1928, to common stockholders of record at the close of business, August 1st, 1928. Checks to be mailed. Transfer books will not close.

OWEN SHEPHERD, Vice-President and Treasurer.

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## 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.)

### Hard Work

WELL, what isn't hard work on a farm in July? I have just come in from the truck patch where I have been hoeing sweet corn, popcorn, squash, cabbage, etc.



L. W. Meeks

It was hard work for I worked hard. But as the rows were cleaned out, one after another, a sense of satisfaction took possession of me which fully repaid me for the effort. I should liked to have remained, and spent the entire forenoon with the hoe, but there were some letters to write, and if we get some nice hay weather tomorrow, I fear the letters would not be answered. But today there is no "hay weather" and the remaining weeds in the truck don't look good to me and I like to dig them out. But letters must be answered and, while answering one, a look at my date sheet reminded me that some one hundred thousand homes in Michigan would soon be looking for their July 21st BUSINESS FARMER and now that the letters are answered, I feel like staying by the old pen just as much as I did by the old hoe. Somehow when I get interested in anything I like to keep at it until it is finished. Seems to me that is the keynote of satisfaction with one's work—being interested. Being interested is a sort of panacea that cures the various causes of discomfort. Aches, dirty hands and soiled clothes don't mean much when you are interested. I don't believe any one was ever happy in his or her line of work when they were not interested in it. Furthermore, very few people are a success in any line of endeavor unless they have interest in it.

### The Blacksmith

The other day we had to have some special blacksmith work done. In order to get a man who could do it, and then the proper things to do it with, we drove to three different towns. But the blacksmith—he was a man of perhaps thirty-five years. His shop was complete with about all the tools and equipment a blacksmith shop could have. He was of the old school. He had a machine to help him do pretty nearly everything he was called upon to do. All around, blacksmiths are going out of business because of lack of "trade."

Pshaw, this fellow has business piled ahead all the time. He has so much he keeps a man to help him. He does the forge work and all the precise work such as electric welding, etc. I stood by his anvil and watched him a long time. What exactness he demanded of everything he did! Pains-taking to the nth degree! His hands were black with oil, and forge dirt was evidently ground into them. His face reflected the interest he had in his work. The way he picked up a certain punch and grabbed a certain hammer to strike the punch with, showed he was interested in what he was doing, for he was doing his best to do it right and he knew it would be right, and that a glad word of approval would come along with the shekels when his customer called for his mended property. Here was a successful man, a happy man. Hard work? decidedly so; dirty hands, hard to wash? decidedly so; hungry at meal time and long before? decidedly so. All he wanted to eat when meal time came. Sure thing, who could want more? After spending two hours in his "old shop"—no, place of business, if you please—I found he had my work done. I went to the car, threw in the repaired cultivator parts, etc. and started for

Broadscope. All the way home I could think of nothing but Longfellow and the Blacksmith he knew, who in warm weather was wont to take his work out under a "Spreading Chestnut Tree."

"Toiling, rejoicing, sorrowing,  
Onward through life he goes;  
Each morning sees some task begun,  
Each evening sees it close.  
Something attempted, something done  
Has earned a night's repose."

Do you want any more than this? And isn't the want of this the cause for all the unrest and crime of this day of the world, which should be the best and cleanest day the world has ever seen. The want of too much easy money; the longing for so many things which cannot be afforded; the longing for what is termed the "easy life"—the trying to get these so-called easy things without honest work, are the causes of most of the police and court troubles.

The longing for the cozy life and the desire for luxury to the extent that crookedness is resorted to in order to gain them, is entirely the news of the cities so far. May it ever be thus, if it must be anywhere. Let's hope the farmer will remain just old fashioned enough to live within his means. There are many things to be enjoyed in this great land of ours, and foolish is the man who does not enjoy all he can and do it honestly. the desire for luxury, to the extent tion to some people as to just what the word enjoy means. Does it mean to buy something to be proud of today, and to pay for it tomorrow, and tomorrow's tomorrow, and then for sometime after that?

### Common Sense

A man said to me the other day, "Our car is as good as it ever was. It is a little out of date I know. I also know a bank where they will gladly cash my check for the price of a new one, but for a while, at least, while the old bus runs good, I am going to enjoy the money being in the bank, and ride in the old car knowing I can have a new one when I really need it. A new car would be an absolute luxury for me, and we can hardly afford luxuries just yet." Common sense; in this age it is very uncommon sense. This man's reasoning is summed up in the old jib, "You can't eat your cake and still have it to look at." I might add that here is a man who does his own thinking, and I don't know but what "Do your own thinking" would be a good slogan to hand the farmers right now, so they may have it for reference as the polite, political politicians tell them what to do, and how to vote.

### Let's Have Your Advice

Well, folks, it's time for me to be signing off, but here is a letter from a man who wants someone to tell him about taking a carload of sheep to fatten on pasture. What are the rules? Who pays for those that might die? Who pays freight, etc. Anyone who has had such a deal could write us a helpful letter, if they would tell us the way it is "did."



WAIST HIGH IN FLAX

William Stearns is standing in a field of flax on his farm in Chippewa county.



## That House of Yours

A NON-SECTARIAN SERMON BY

Rev. David E. Warner

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

TEXT: "Ye also as living stones, are built up a spiritual house, . . . to offer up spiritual sacrifices, acceptable to God through Jesus Christ." 1 Peter 2:5.

THE wall is standing today and will for aye. As a boy I watched the old mason with interest, as he carefully selected stones of quality to put into the structure. Now, as a man, I understand this practical wisdom, and lay it beside our text as a parable. That piece of masonry stands because the stones are alive. Each separate one has power to hold itself together, but also to hold on to its neighbor. This is consistent Christianity.

"Ye also as living stones. The 'ye' is addressed to the scattered countrymen of the author. These pilgrims among the nations were in danger. Their faith was being exposed to the deadening influence of their surroundings. You know how that is. You have been in an environment fat with worldly satisfactions and were tempted to covet these things; tempted to drift to earth levels. Now, it is just the purpose of our text to deliver us from this evil. Though we are in an earth-world, we are citizens of Eternity. What a mind-challenging and soul-arresting reality! In all nations and among all races, God gathers living stones, materials of faith, hearts of a common hope, to build his Immortal Brotherhood. Our Heavenly Father is ever fanning the spark of a common unity that lies at the heart of humanity. It is no longer hard on our traditional belief to feel that he is everywhere and in all things around us. We listen to the radio and wonderingly believe. With harmony all around for our ears, beauty for our eyes, and fragrance for our noses, we cannot doubt but that we live, move, and have our being in the atmosphere of God. And you, rural friend, 'away from the maddening crowd, and in tune with the music of nature can best dream of your Maker.

But that God is everywhere in men getting his will done is becoming more apparent as we try to understand Him and one another. Every person is a potential living stone. When on his way he meets the Christ through faith and love, he becomes one actually. When joined to his Savior he is joined to Life. It is a great teaching that God abides in our hearts to make alive; to fit them for emotions of light and love. So our life is saved and held together for a habitation of God in the Spirit." Notwithstanding the hindrances of scattered locations and the carnal aspect of surface conditions, there are signs that deep down at the bottom of things the Kingdom of God is being builded in the souls of men the world around. That is what it means to pray "Thy will be done on earth as it is in heaven." But do you pray at all? What about that house of yours?

"Are built up a spiritual house." And to what end? Reading on a little farther than our text we discover it in these words, "that ye may show forth the excellences of him who called you out of darkness into his marvelous light." Clearly then, here is a general and broadened purpose. To "show forth" is to show forth; to manifest; to prove. We are in the world to make God the Greatest Common Factor of public life. But he must first become that in our personal life. Has he? Honest now! Is Godliness your deepest urge? Are you willing to suffer any consequence for the sake of Truth? Then help the world to see less dimly. She was a great reader of history. She brought a powerful imagination to play upon the contents of many books. One day she embarked for a sea trip. Her boat stopped in the Strait of Gibraltar. Looking out she saw the great rock that she had read about and long held in her mind and imaged as real. But now said she, "Why, it IS real." Men imagine

God and hold Him dimly in their consciousness. But this is not enough. He must be made real. When others see love, sympathy, and service in the Christian, they will believe in the Christian's God. Those foreign aviators found safety on Greenly Island. The light-house was there. "Ye are the light of the world." Spiritual light-houses on the sea of time make God a sure refuge. But that house of yours?

"To offer up spiritual sacrifices." Worship is the mark of surrender and loyalty to the Highest Good. "What greater calamity can befall a nation than the loss of worship," says Carlyle. But human vanity rules out God. Multitudes are unheeding. Have you got the altar in the right place in your house? Or did you leave it out altogether? Life lacks the chiefest piece of furniture without an altar. Isn't that the matter with much of modern life? It lacks moral outlook because it ignores the Altar. Torn down altars are prophetic of disaster ahead. Says Paul, "We are a sweet savor of Christ unto God." We are if we burn; if we make life a living sacrifice. Nothing is harder, but nothing is easier. Hard for one who would keep plumed in selfish pride and dignity. Easy for one who makes Christ the center and the inspiration of one's life.

Only this is "acceptable to God through Jesus Christ." If Jesus only has been charged to build our house and arrange the furniture in it, then let us open the doors for him to come in. But alas, for many! The sacred shrine swings open to the things that pollute and destroy. "Know ye not that ye are the temple of God?" This is a solemn appeal to keep the heart clear of fleshly lusts and worldly aspirations. The body in which we live in this time world is a thing of God, and is made for sacrifice and not sacrilege. What about that house of yours?

### MUSINGS OF A PLAIN FARMER

By A. P. BALLARD

A ROSE at dawn and bounced down the lane at great speed. The rains have delayed the work. I must walk swiftly.

Our schedule now will be more than the day. It will be from curfew to the first crow of the cock.

A confused mass of work of which I know not what to do first. Many is the sweat drop that will creep from my hide before I catch up.

The weeds in the corn will get first call. And there is a new one. What new pest is that? I jumped from the cultivator and tore it into threads.

The corn looks bad. If I fill the silo this year I'll consider the age of miracles is at hand.

If it hadn't rained so heavily. Or if it weren't so dry. That's the cry of us farmers.

Too many "ifs" in farming. But then, life is full of "ifs" and "ands" and "therefores."

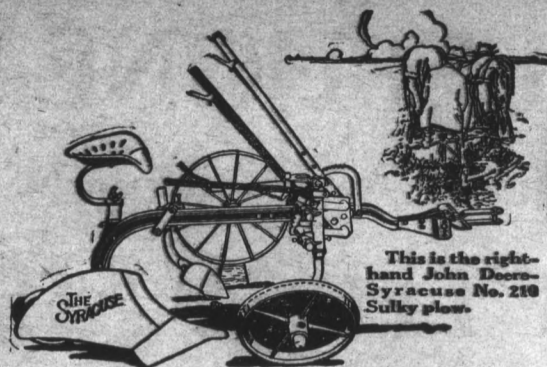
My honest opinion is that I will have to tramp through this field with the hoe. But there is no harm in that. It's honest work.

Weeds! Weeds! Weeds! And alfalfa blooms! And wheat turning golden! And flies!

I hope Mrs. B has rice pudding for dinner and a rousing cup of tea. It always soothes my palate and nerves.

Anyway I am going to turn out for the noon hour.

I have made some progress with the task I have at hand.



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THE Aermotor Co. is now making a self-oiling windmill 20 feet in diameter. If you have a well 1000 feet deep, or if you want to raise a large quantity of water from a shallower well, this is the windmill you need. This new Auto-Oiled Aermotor weighs nearly 2 1/2 tons without the tower. It is a giant for power.

Whatever your water requirements may be there is an Auto-Oiled Aermotor of the right size for the work. They are made from 6 feet to 20 feet in diameter. Use the smaller sizes for the shallow wells and the larger ones for the deep wells or large quantities of water. Our tables, sent upon request, tell you just what each size will do.

The Improved Auto-Oiled Aermotor, the genuine self-oiling windmill, is the most economical and the most reliable device for pumping water. It works every day and will last a lifetime.

Every size of Auto-Oiled Aermotor has double gears running in oil. All moving parts are fully and constantly oiled. One oiling a year is all that is required.

The Auto-Oiled Aermotor is made by the company which originated the steel windmill business. For full information write

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A Silo of lifetime satisfaction. No shrinkage or swelling. Can be increased in height. No freeze troubles. Easily erected. Storm and fire-proof. Write today for valuable booklet *Users' Own Words* written by 250 owners.

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THE BUSINESS FARMER  
MT. CLEMENS, MICH.



## Made for Michigan Crops

"It is good business to use high grade fertilizers because they are the cheapest carriers of plant food." Cir. Bulletin No. 53, Michigan State College. "Buy Fertilizers on the basis of plant food present." Ext. Bulletin No. 47, Michigan State College.

Wolverine Brand Fertilizer manufactured by the Michigan Fertilizer Company of Lansing, Michigan, are designed to meet the needs of the Michigan Farmer. The above quotations taken from bulletins issued by the Michigan State College show very clearly the attitude of the College authorities on this question of Commercial Fertilizers. You will find Wolverine Brand Fertilizers distinctly high grade in every way. Drive over to our factory located at the end of Hymount Street, North Lansing and see these fertilizers being made. You are welcome. Quick service and quality goods assured.

DEALERS WANTED. We are looking for responsible dealers in available territory. Write for complete information.

**The Michigan Fertilizer Company**  
General Offices: 1002 Bauch Bldg., Lansing, Mich.

### THERE'S A WOLVERINE BRAND FOR EVERY CROP AND SOIL CONDITION

Michigan soils are notoriously variable. There are large areas of heavy clay, light sandy and muck types of soils as well as many combinations of these. No one appreciates better than the farmer himself the necessity of using a commercial fertilizer of the proper analysis under these varying conditions. In Wolverine Brand fertilizers, made in Michigan for Michigan farmers, you will find an analysis suited for every soil and crop condition.

## DAIRY AND LIVESTOCK

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

### SHELBY COW MAKES GOLD MEDAL RECORD

The purebred Jersey cow, Oxford Will Do's Jolly Girl, owned by Samuel Odell, has completed a third official production test with a Gold Medal record. To win this Gold Medal Jolly Girl produced 717.85 lbs. of butterfat and 14,365 lbs. of milk in 365 days. During the test she yielded as much as 87.94 lbs. of butterfat in one month, and she carried calf 169 days while making this splendid record.

Jolly Girl was first tested as a senior three-year-old when she yielded 459.74 lbs. of butterfat. Three years later she was again tested when she produced 545.46 lbs. butterfat in 365 days. The sire of this fine producer is Oxford Will Do, and her dam is Sultan's Jolly Girl, a cow which produced 638.60 lbs. of butterfat and 13,064 lbs. of milk.

### COST OF KEEPING EWES

Please advise me the cost of keeping breeding ewes.—A. E. G., Ingham County.

The cost of keeping breeding ewes varies somewhat in different parts of the State in accordance with the quality of feed and care given from \$6 to \$9 per head with a probable average of around \$8 per head per year. If the ewes are poorly wintered so as to get through with a minimum cost they shear a lighter clip of wool and raise a smaller percentage of lambs, whereas liberal feeding increases the weight of fleece and proper management makes possible as large as 150 to 175 per cent

of lambs with a small flock of mutton bred ewes.

Fine wool ewes are smaller, stand more crowding, will run in larger flocks and require somewhat less feed per head than large mutton bred ewes so that they may be wintered somewhat cheaper.—V. A. Freeman, Extension Specialist in Animal Husbandry, M. S. C.

### SOUR MILK FOR CALVES

Do calves do well on sour milk?—O. S., Paw Paw, Mich.

WOULD not recommend the feeding of sour milk to calves. It is likely to result in a short time digestive trouble. It is practically impossible to have milk of the same sourness each time and it is very difficult to keep the containers clean. For these two reasons you are likely to get scours in a very short time, which is always serious and sometimes fatal. Better feed the milk sweet.

### FEEDING POWDERED SKIMMILK

We would like to know the food value of powdered milk bought from the milk condensary. We are feeding it to a calf we are raising and two hogs.—C. F. S., Dansville, Michigan.

IT HAS been found that calves do very well on powdered skim milk when fed at the rate of one pound of skim milk to nine pounds of water. This will bring the milk back to about normal condition. Very good results have been offered with this when used in these proportions.—O. E. Reed, Professor of Dairy Husbandry, M. S. C.

## VETERINARY DEPARTMENT

Edited by DR. GEO. H. CONN

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

### Beat the Corn-Borer!

Kill this fellow before he ruins you and your crop! Government bulletins say: "Utilize as much of the corn crop as possible through the silo since the fermentation kills all the insects."

The Old Reliable  
**Kalamazoo**

WOOD STAVE OR GLAZED TILE SILO will not only kill the corn borer, but will save your crop. Pays for itself the first year. Save by buying now. Easy terms. Write for free book on silos and building tile.

KALAMAZOO TANK & SILO CO.  
Dept. K Kalamazoo, Mich.

### SILO PRICES LOWER NOW

### CHAMPION SILOS

with all improvements, oil-filled staves, planted into foundation, interlocking anchors, etc. Best for over fifteen years, now sold as cheap as ordinary silos. New special prices and discounts mean a saving of \$100 or more to all who buy now. Write today for full particulars about special offer and big saving. Address: Eastern Branch WESTERN SILO CO. Springfield, Ohio

### MICHIGAN Concrete SILOS

The last word in a permanent silo. Write for free illustrated literature. Tells how we manufacture and erect for you under best known processes. Special Terms if You Order Now! MICHIGAN SILO CO., Kalamazoo, Michigan

### COAL

KENTUCKY HOT FLAME in carload lots delivered to your station at attractive prices. Best quality guaranteed. Farmer Agents Wanted. Send for circular. Theo. Burt & Sons, Box 20, Melrose, O.

### BREEDERS' DIRECTORY

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

### CLAIM YOUR SALE DATE

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

### SHEEP

SHEEP. A FEW LOADS OF EWES AND LAMBS for sale. Prices right and ready to load. LINCOLN & BRADLEY, North Lewisburg, Ohio

### SHOE BOIL, CAPPED HOCK

or bursitis are easily and quickly removed without knife or firing iron. Absorbine reduces them permanently and leaves no blemishes. Will not blister or remove the hair. Horse worked during treatment. At druggists or \$2.50 postpaid. Horse book 6-S free. Surprised user writes: "Horse had largest shoe boil I ever saw. Now all gone. I would not have thought that Absorbine could take it away so completely."

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TRADE MARK REG. U.S. PAT. OFF.  
W. F. YOUNG, Inc. 369 Lyman St., Springfield, Mass.

Ship Your Dressed Calves and Live Poultry

### Detroit Beef Company

OLDEST AND MOST RELIABLE COMMISSION HOUSE IN DETROIT

Write for new shippers Guide shipping tags and Quotations.

**Detroit Beef Co.**  
1903 Adelaide St., Detroit, Mich.

### The PERFECT CORN HARVESTER

Sold Direct \$23.75 JUST THE THING FOR SHOCK OR SILO CUTTING



Works in any kind of soil. Cuts stalks, doesn't pull them. Cuts 4 to 7 acres a day with one man and horse. Great labor saver. Sold direct to farmers. Get your catalog NOW—Be prepared. Write:

LOVE MANUFACTURING CO., Dept 161, Lincoln, Illinois

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

### LACKS APPETITE

I have a heifer giving milk that doesn't seem to have much appetite. She is thin and of course doesn't give much milk. Other Jerseys on same feed doing well. Could you advise what to give her?—F. B., Grand Blanc, Michigan.

I WOULD suggest that you give this cow night and morning for not longer than 30 days one tablespoonful of Fowler's Solution of Arsenic on some ground grain. If this does not bring her to her appetite properly, better call in your veterinarian and have her examined.

### THRUSH

I have a mare that is troubled considerably with sore and tender front feet. I try to clean and scrape them but she is touchy at the heel near the frog. Some farmers tell me it is thrush. Thanking you for any advice.—J. D., Macomb County.

THRUSH of the foot is simply an infection around the frog of the foot which eats away part of the horny tissue and leaves the foot tender. Clean the cleft of the frog out properly with some blunt instrument such as the handle of an old tablespoon, then dust a little powder in the cleft such as equal parts of calomel, iodoform and charcoal, and

cover this with a piece of cotton which should be forced down to keep the powder in place as long as possible. This dressing should be applied once each day.

### PLAN NEW FEATURES FOR FARMERS' DAY

THE "Combine," labor saving development in the farm machinery field which handles harvesting and threshing in the same operation, will be seen at work under actual field conditions as one of the features of Farmers' Day at M. S. C. on July 27, according to plans of the college authorities.

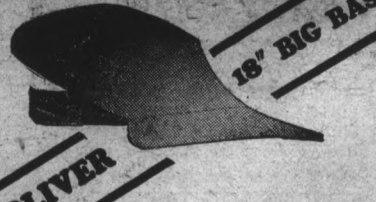
Inspection of hundreds of acres of experimental work on the college farm, with the "Combine" demonstration as the high light, will occupy the morning of the day. The experiments and test work will cover: farm crops, soils, horticulture, poultry, livestock—in fact all the standard work of the extensive college experiment station.

A new type of entertainment is also under consideration for the afternoon meeting, according to tentative plans of the Farmers' Day committee. Historical pageants, tracing the early development of the agriculture of Michigan, are being planned to supplement the music and speaking program.



### FIVE THOROUGHBREDS

These five sheep certainly look like they were "All wool and a yard wide," don't they? Minnie E. Severance, of Ingham county, sent in the picture.



**OLIVER**

## Covers

### All Weeds, Stalks and Trash

You need only to see the Oliver 18" Big Base in operation to know that it has no equal in covering trash. Take it into the heaviest growth on your farm and it will turn everything completely under and leave the plowed field absolutely clean.

**The Corn Borer Can't Live in a Clean Plowed Field**

Leave the Corn Borer without weeds, stalks or trash in which to live during the winter and spring and its death is certain. The Borer can't live without protection and the Oliver 18" Big Base certainly leaves it without a home.

The Oliver 18" Big Base can be had as a 2-bottom tractor gang or as a horse or tractor sulky. See your Oliver dealer or write us for further information.

# OLIVER

Oliver Chilled Plow Works  
Plowmakers for the World  
Gen'l Office and Works: South Bend, Ind.

## Asthma Left Him Four Years Ago

No Sign of It Since. Tells How He Found Lasting Relief.

Elderly people, made miserable by asthma or bronchial cough, will find cheer in a letter from O. M. Oleson, age 65, Route 2, Eagle Grove, Iowa. He says:

"I had asthma for 15 years. All that time I wheezed, coughed and choked until at times I could hardly breathe. After trying everything, I finally started taking Nacor in April, 1922. It gave me wonderful relief and I started to improve every month. The last trace of asthma left me in 1923. I have taken no medicine for over 4 years and have had no asthma, so I am now sure that I am rid of that terrible disease."

Mr. Oleson is only one of hundreds who have told how their asthma left and never returned. If you suffer with asthma or bronchial cough, you will enjoy reading their letters, which will be sent free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. Also a booklet of valuable information about these diseases will be sent you. This free information may be just as helpful to you as it has to thousands of others. No matter how serious your case, write for it today. (Adv.)

## Free Bulletins on Farm Sanitation

that tell how to prevent diseases of animals and fowls by using

**KRESO DIP No. 1**  
(STANDARDIZED)

### Kills Parasites-Disinfects

Bulletin No. 151, Farm Sanitation; No. 160, Hog Diseases; No. 163, Poultry.

### NEMA CAPSULES KILL INTESTINAL WORMS

Worm Bulletin No. 650, for all live stock; No. 655, for Chickens and Turkeys. Kreso Dip No. 1 and Nema Capsules at your drug store. Free Bulletins sent by

ANIMAL INDUSTRY DEPT. OF  
**PARKE, DAVIS & CO.**  
DETROIT, MICH., U. S. A.

## With the Farm Flocks

### REPLACE FLOCK EACH FALL WITH PULLETS

THE practice of a large percentage of poultry men of keeping birds on through the second year is a very costly one. Only in cases where eggs are to be hatched is one warranted in keeping the yearling birds in the flock.

There are three very good reasons why the entire poultry flock should be replaced by pullets each year. They are:

1. Yearling birds will sell for more than two year olds.
2. Production and profit per bird during the second year is much lower.
3. Diseases are reduced by about three-quarters by such a practice.

The first factor requires no explanation—it is self evident.

The second requires some consideration and explanation. Experiments have been carried out in Michigan, Nebraska, Kansas, Connecticut and New Jersey comparing the production of birds during the first and second twelve months of laying. In every single case the birds produced more eggs the first twelve months. The lowest increase was a flock of 33 White Leghorns at the Michigan State College Experiment Station that produced 21.7% more eggs during the first twelve months. The highest increase was a flock of 104 White Leghorns at the Connecticut Experiment Station that produced 77 percent more during the first 12 months. The average 13 flocks totaling 1,446 birds of both light and heavy breeds was 30% more eggs during the first twelve months than during the second period.

Because pullets will be in production during October, November and December while yearlings will not come into production till December or January the average price per dozen of eggs will be higher for a flock of pullets than for yearlings. This will result in greater profit from pullets.

If pullets replace yearlings in the flock each year diseases such as T. B. will be reduced considerably.

Now is the time to plan to replace flock with pullets. Do not depend on buying pullets this fall. You may be disappointed.—K. Ousterhout.

### CHOOSE NEW SITE FOR FARMERS' DAY

A NEW site has been chosen for the annual summer Farmers' Day meeting at the Michigan State College July 27. It will be an ideal location for the big general meeting in the afternoon and more conveniently located to the experimental plots, the livestock barns and the demonstrations and contests which will attract the interest of the visitors during the morning.

A platform for the speakers and entertainment features will be erected on one bank of the Red Cedar River near the farm lane bridge, while the audience will be seated on the opposite bank which forms a natural amphitheatre and affords ample shade. The front campus of nearly 100 acres and the shaded banks of the river which form ideal picnic grounds will, of course, be available to the visitors as usual.

New and unusual forms of entertainment and contests are being planned for both the morning and afternoon programs. Among the demonstrations, the use of the combine harvester is expected to be one of the most important due to its recent use in the state and the general interest in more economical methods of harvesting in Michigan.

Valuable and interesting information, the result of experimental work conducted during the past year with livestock and crops, will be revealed by members of the college staff who will be stationed at strategic points to explain the work and the practical application of the findings.

### 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.)

# Now for a PROFITABLE Wheat Crop



YOU have heard a great deal about high analysis fertilizers—but perhaps have never used them—have never realized their real profit-making possibilities.

Armour's BIG CROP High Analysis Fertilizers have been accepted by this country's farmers for the simple reason that they have helped them make more profit. Armour's BIG CROP is ideal for use in winter wheat seeding.

The cost per pound of plant food on the farm is less with Armour's BIG CROP than with lower grade fertilizers. The cost of handling is, in many cases, cut in half. Farmers have found that this saving alone has covered the cost of applying.

An application of Armour's BIG CROP High Analysis Fertilizer this fall should mean increased profits for you at harvest time. There is an Armour BIG CROP Dealer near you. Consult him. He will tell you what these "last word" fertilizers have done for other farmers in your county, and will advise you upon the analysis best suited for your soil.



**Armour Fertilizer Works, Chicago, Ill.**

## LAKEVIEW POULTRY FARMS

### GET YOUR CHICKS

from the farm that produced GRAND SWEEPSTAKES WINNERS at M. S. C. Baby Chick Show, East Lansing, Mich., May 9th and 10th, 1928. Smith Hatched. We ship C. O. D.

#### SPECIAL JUNE PRICES

	50	100	500	1000
S. C. White Leghorns	\$5.00	\$8.00	\$21.00	\$79.00
Barred Rocks, S. and R. C. Reds	5.75	11.00	21.00	99.00
W. Rocks, W. Wyand., Buff Orpingtons	6.25	12.00	26.00	109.00
Broilers, all heavies, \$9.00—100; \$41.00—500; L. Mixed, \$7.50—100; add 25c to 25 orders.				

### LAKEVIEW POULTRY FARM

M. J. KOLE, Owner

Box 3

Holland, Michigan

## NEW C. O. D. PRICES

**MICHIGAN  
ACCREDITED  
CHICKS**

	100	500	1000
Wh. Leghorns, Eng. Type	\$8.50	\$40.00	\$75.00
Wh. Leghorns, Spec. Mated	10.00	47.50	90.00
Barred Rocks	11.00	52.50	100.00
S. C. Mottled Anconas	8.50	40.00	75.00

SPECIAL SALE OF MIXED CHICKS \$7.00 PER 100  
HOLLAND HATCHERY & POULTRY FARM, Van Appleton Bros., R. 7-B, HOLLAND, MICHIGAN

## PROFIT PRODUCING CHICKS

Egg prices are steadily advancing. Market poultry is fast increasing in price. Right now is your opportunity to make good money raising Brummer-Fredrickson quality chicks at the low prices given below. All chicks are Michigan Accredited. Live delivery guaranteed. We also have a good selection of 8-10 and 12 week old pullets in the breeds listed below. Write for our prices.

	50	100	500	1000
S. C. White Leghorns	\$5.00	\$9.00	\$42.50	\$80.00
Barred Rocks—R. I. Reds	6.00	11.00	52.50	102.50
Broilers, all heavies, \$9.00 per 100; \$42.50 for 500; \$80.00 for 1000; \$37.50 for 500 for \$37.50				

BRUMMER & FREDERICKSON POULTRY FARM Box 26 HOLLAND, MICHIGAN

## Babion's Pure Bred Chicks

TRAPNESTED MATINGS add 3c, BLUE RIBBON PENS add 4c each  
100% Live Delivery guaranteed, and Postage paid on 25  
White, Brown and Buff Leghorns \$2.50 \$4.50 \$8.00 \$38.00  
Barred, White and Buff Rocks, Minorcas, Anconas, 2.75 5.50 10.00 48.00  
White Wyandottes and Reds 4.25 8.00 15.00 72.00  
Silver Wyandottes and Orpingtons 4.25 8.00 15.00 72.00  
Mixed all heavy Broilers, No Culls 2.75 5.00 9.00 43.00

Babion's Fruit and Poultry Farms, Lock Box 354-B, Flint, Mich.

### SUMMER PRICES ON PURE BRED BABY CHICKS

	25	50	100	200	500	1000
Large Type White Leghorns	\$2.25	\$4.00	\$7.50	\$14.75	\$36.00	\$70.00
Black Minorcas, White and Barred Rocks, Single and Rose Comb Reds	2.50	5.00	10.00	19.00	48.00	95.00
White and Sil. Wyandottes, Buff Orpingtons						
S. S. Hamburgs, 10c. Assorted Light, 7c. Light and heavy, 8c. Heavy, 9c.						

Live Delivery Guaranteed. Order from this ad or send for Catalog and Price List.  
THE LANTZ HATCHERY BOX F TIFFIN, OHIO

## CHICKS or BREEDING STOCK

White, Barred or Buff Rocks, Black Minorcas, 12c. White or Silver Wyandottes, Buff Orpingtons, 13 1/2 c. White, Brown or Buff Leghorns, Heavy Mixed, 10 1/2 c. Less than 100 lots add 40c. Order Breeding Cockrels from R. O. P. MALE MATINGS 200 to 316 egg records.  
BECKMANN HATCHERY GRAND RAPIDS, MICHIGAN

# more MONEY IN PRIZES than ever before \$114,000.00

Every year there is more money and more glory in winning a prize at the Michigan State Fair. And 1928 is no exception. "Michigan's best" will gather at Detroit from September 2-8 to compete for the biggest awards ever offered in the history of Michigan's Fairs—over \$114,000.00 in cash. There are prizes for horses, cattle, sheep, swine, poultry, agriculture, pet stock, horticulture, floriculture, dairy and apiary, women's work, arts, domestic economics, boys' prizes, girls' prizes, baby prizes, and a host of contests carrying championship honors and prizes. For live stock, pet stock, and poultry alone, the prizes are over \$44,000.00.

Send for the premium book today and make your entry early!



**Free**  
This premium book, with a complete list of prizes, premiums and detailed information. Address Michigan State Fair, Detroit.



**MICHIGAN  
STATE FAIR**  
SEVEN DAYS SEVEN NIGHTS  
*Detroit* SEPT 2-8

## MARKET FLASHES

### All Livestock Markets Make Good Showing

Grain Has Had Weak Spells—Potatoes Remain Near Low Point

By Market News Service, Bureau of Agricultural Economics, U. S. D. A.  
(Special to THE BUSINESS FARMER)

**IN** a time of hesitating prices, animal products made the best showing the first half of July, not being affected by weather conditions so much as the crops are. Cattle, hogs and lambs have moved up, whenever daily shipments were light. Butter and eggs seemed rather inclined to go up. But grain and cotton have had weak spells and potato prices stay near the low points.

#### Wheat

Increased offerings of new winter wheat, together with continued favorable progress of spring wheat both in the United States and Canada, weakened the domestic market during the first half of July, despite the generally firm situation in foreign markets and higher prices at Liverpool. European crop conditions continued uncertain, with prospects still rather unsatisfactory in Germany, Poland, and the Baltic countries. Russia was reported in the market for wheat, which tended to strengthen the foreign markets. The condition of the Canadian wheat crop continued favorable with the outlook particularly promising in Alberta. The movement of new hard winter wheat increased and the harvesting of soft red winter is under way.

#### Corn and oats

Corn prices advanced 2 to 3 cents per bushel, with an active demand exceeding current receipts. Market stocks of oats are practically exhausted at a number of points. Flax declined rather sharply under continued favorable progress of the new crop.

#### Potatoes

Movement of potatoes from the Eastern Shore of Virginia was sharply reduced by agreement of producers. Shipping point quotations in North Carolina continued around \$1.25 per barrel. Chicago carlot sales of Triumphs were made at 80 cents to \$1.

#### DETROIT LIVE POULTRY

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

Market fair. Broilers, 2½ lbs. up, rocks, 40¢@42¢; reds and others, 38¢; leghorns, 2 lbs. and up, 30¢; smaller sizes 3 to 5c less. Hens: Colored, 27¢; leghorns and anconas, 20¢. Cocks, 18¢. Ducks: White, 4½ lbs. and up, 22¢; colored and small, 18¢.

#### DETROIT SEEDS

Cloverseed, domestic cash, \$18; October, \$19; December, \$19. Alsike, \$16.50. Timothy, cash, \$2.35; December \$2.90.

#### BEANS

Choice hand picked pea beans have been as high as \$10.25 but now that it is too late to plant any more the price has gone down to \$9.90. Both offerings and demand are light. Reports indicate we will not have to worry about over production this fall, because rains have ruined acres and acres in our largest bean growing sections. Our Saginaw county correspondent reports 60 per cent damage and a recent trip up through his territory convinces us that he is not far wrong.

#### DETROIT BUTTER AND EGGS

Butter steady; creamery in tubs, 88 to 90 score, 42½¢@44¢. Eggs easy; fresh firsts, 29¢@31¢.

#### LIVESTOCK MARKETS

**DETROIT.**—Cattle steady to higher on good dry fed steers. Other grades slow and lower. Good milkers add springers in demand. Fair to good yearlings, dry, \$13.50@15.50; fair to good heavy steers, dry, \$13.50@15.00; handyweight butcher steers, \$11.00@12.75; fair to good heifers, \$11.00@11.75; common light butchers, \$8.25@9.75; common butcher cows, \$6.50@7.50; best cows, \$8.75@9.50; good butcher cows, \$7.50@8.50; cutters, \$5.75@6.00; light butcher bulls, \$9.00@10.25; canners, \$5.00@5.50; bologna bulls, \$8.00@9.00; stock bulls, \$7.00@8.50; feeders, \$8.00@11.00; stockers, \$8.00@10.00; milkers and springers, \$75.00@130.00.

Veal calves are steady. Best grades, \$17.00@17.50; fair to good, \$14.00@14.50; culls and common, \$9.00@12.50; thin grassers, \$8.00@9.50.

Sheep and lambs are steady at unchanged prices. Trade is fairly active. Best lambs, \$15.50; fair lambs, \$12.00@14.00; light to common lambs, \$9.00@10.25; yearlings, \$9.00@12.00; fair to good sheep, \$6.50@7.00; culls and common, \$2.00@4.50.

Trade is fairly active in the hog market on everything but pigs which are steady. Mixed hogs, \$11.65; roughs, \$9.25; stags, \$7.50; pigs, \$10.75; lights, \$11.25; extreme heavy, \$9.50@10.50; thin roughs, \$6.00@8.00.

**EAST BUFFALO.**—Dunning & Stevens report. Cattle: Dry-feds strong; cows 25c lower. Hogs: Market higher; heavy, \$12@12.25; mediums and yorkers, \$12.15@12.25; pigs and lights, \$11.50@11.75. Sheep: Steady; top lambs, \$15@15.50; yearlings, \$10@11; wethers, \$7.50@8.50.

**CHICAGO.**—Hogs: Market closed with most of advance lost on hogs weighing 230 lbs. and up; lighter weights and packing sows closed at advance. Top, \$11.65, paid early for choice 185 to 230-lb. weight. Shippers, 8,000; estimated holdover, 5,000. Butchers, medium to choice 250-350 lbs., \$10.40@11.45; 200-250 lbs., \$10.60@11.50; 160-200 lbs., \$10.40@11.50; 130-160 lbs., \$9.50@11.40; packing sows, \$9.40@11.50; pigs, medium to choice 80-130 lbs., \$9@10.50.

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

	Detroit July 17	Chicago July 17	Detroit June 19	Detroit 1 yr. ago
<b>WHEAT—</b>				
No. 2 Red	\$1.62		\$1.78	\$1.45
No. 2 White	1.62		1.78	1.46
No. 2 Mixed	1.62		1.78	1.44
<b>CORN—</b>				
No. 2 Yellow	1.13	1.05@1.05½	1.13	1.07
No. 3 Yellow	1.11		1.12	1.05
<b>OATS</b>				
No. 2 White	.75	.65@.68	.78½	.54½
No. 3 White	.73		.75½	.52½
<b>RYE—</b>				
Cash No. 2	1.30		1.43	1.12
<b>BEANS—</b>				
C. H. P. Cwt.	9.90		10.10	5.80
<b>POTATOES—</b>				
Per Cwt.	1.50	1.10@1.25	1.50	
<b>HAY—</b>				
No. 1 Tim.	15@16	21@22	15@16	17@18
No. 2 Tim.	11@12.50	19@20	11@12.50	15@16
No. 1 Clover	13@14	22@23	13@14	17@18
Light Mixed	15@16	21@22	15@16	16@17.50

Tuesday, July 17.—Big receipts of new grain sends wheat prices downward. Corn and oats show weakness. Nothing new in the bean market.

## CROP REPORTS

**Saginaw.**—Our rains seem to be over. We had two weeks of it. Weather hot and dry. Makes it bad for what crops are left. Beans damaged 60 per cent or more; some have transplanted 3 times; some planting yet. Corn will be about 70 per cent crop. Not much haying done. Wheat turning but looks as though it will be rusty. Oats do not look as good as they did. Quotations from Hemlock: Wheat, \$1.53; corn, \$1.00; oats, 54c; rye, \$1.15; beans, \$9.30; potatoes, 75c; butter, 44c; eggs, 29c.—E. D., July 8.

**Hillsdale (N. W.).**—Have been having fine haying weather past week and there has been quite a bit of hay put up; still quite a lot to be put up. Wheat and rye turning. Fine prospects now for largest oat and barley crops for number of years. Some farmers reporting they have pulled half of their cucumbers. Others have had to replant corn because of what crows pulled. Coop creamery still paying 51c for butterfat. Eggs still about the same, 26¢.—C. H., July 9.

**Charlevoix.**—Regular haying weather for last 2 weeks and we're taking advantage of it. Alfalfa in blossom and being cut; some have 50-acre fields of it. Two boys, 9 and 13, and their pony kept busy cultivating for neighbors while they put up their hay. Corn growing so fast you can hear it. Potatoes selling to resorters on Walloon lake at \$1.50 bu.; some new ones on market. All crops doing well now. Horses hard to find. Cattle still high. Pretty hot daytimes but cool in shade and evenings. Northern Michigan is the most beautiful play ground in America.—S. K. W., July 9.

**Montcalm.**—At last we are getting some real hot weather which we need badly. Farmers busy cultivating, some cutting hay. Lots of potatoes rotting. Grain looking fine. Corn looking fair. Crops on low ground have surely suffered. Quotations from Stanton: Wheat, \$1.50; oats, 60c; rye, \$1.07; beans, white, \$9.00; kidney, \$7.00; butter, 44c; eggs, 27c.—Mrs. C. T., July 9.

**Emmet.**—Past two weeks have been nearly ideal for growing crops; and a good rain last night just at right time. Oats and barley heading out. Haying started. Late potatoes coming up. All crops looking good but a little late. Farmers all well up with work.—R. D., July 9.

**Oakland (N. W.).**—Alfalfa nearly all out; not so heavy as last year. No rain for about a week. Work moving along fine. Everything growing fine.—J. D. C., July 11.

**Huron (E.).**—Heat wave following three weeks of wet. Acres of hoe crops needs plowing for wheat. No more use to plant beans. Cultivating starting again, haying also. Ten jobs waiting the lone farmer; some will be neglected. Farmers living on dairy and poultry products, including veal calves. More steer calves raised for stockers. Fat ewes very cheap on market; Americans don't eat much mutton. Not so many sows. Wheat and early spring grain most promising. Four inch local rain on 25th; a June record since 1887.—E. R., July 9.



### Week of July 22

**P**RECIPITATION on the average for the week of July 22nd in most parts of Michigan will be rather scattered, hitting small sections here and there in the various counties. Light precipitation may fall in scattered sections during opening days of this week in connection with electrical storms but the storms are not expected to be general.

Just before the middle of the week the weather is expected to clear off and the temperature fall appreciably lower than it has been for some days back.

Beginning about Thursday and lasting through the balance of the week weather conditions are again expected to be unsettled. With a return to warmer temperatures there will be local showers and thunder storms and some high winds.

### Week of July 29

Stormy weather of last part of previous week will run over into the opening days of this week in Michigan.

By the end of July temperatures will have slid back to more seasonal conditions. With this change we may expect a little more general rainfall during the first two or three days of August than has been the case during past week or two. There will also be thunder storms.

Seasonal temperatures are expected to occur just before the close of the week but after that the readings will range below the normal for early part of August. Minimum temperatures in some sections of the State will range around 30 and 40 degrees.

### August Weather

Rainfall for the month of August in Michigan will average close to the seasonal normal with some rainy spells and also some fair weather. Temperatures during first part will average about seasonal but during last half will range somewhat lower.

### WOMAN WINS CONTEST ON BEET CLUB TITLE

**M**RS. HAZEL A. TUBBS, Armada, has been awarded a prize of fifty dollars for suggesting the best name for a group of the leading sugar beet growers of Michigan.

The name contest, conducted by sugar companies of Michigan and Michigan State College, was entered by several hundred Michigan farmers or members of their families. Farm women were especially resourceful in suggesting names.

The title suggested by Mrs. Tubbs, "Banner Beet Growers," was selected after the hundreds of titles had been reduced to those sent in by J. Liscomb, Merrill; Helen Paxton, McBrides; Mrs. Everett Henderson, Memphis; M. E. Sellers, Akron; Lewis Gilman, Vandalia; Mrs. Will Klahn, Lowell; Jessie E. Yawger, Hale; Mrs. L. H. Bates, Romeo; Harry Trussler, Yale; Arthur Johnson, Bangor; Mrs. Theodore Doll, Forest Hill; and Mrs. Maud Steele, St. Charles.

Fifty of the leading sugar beet growers of Michigan have been nominated for places in the first year's group of Banner Beet Growers. Twenty of these men will be chosen.

Selection of members of the group will be determined by their success in producing a crop of beets by methods which are practical and which leave the grower a fair profit for his work and the capital which he has invested.

### GOING ON THE ORCHARD TOUR?

**I**f you are interested in the growing of fruit you want to try to make the orchard tour this year through Canada, from Windsor to Niagara Falls, August 3rd and 4th. Among the places to be visited will be Jack Miner's place, the home of many varieties of birds. This trip will make a wonderful combination of short vacation and educational tour. Write H. D. Hootman, Michigan State College, East Lansing, for complete details if you want to go.

### DECKER GOES TO M. S. C.

**R**OY E. DECKER, Jackson county agricultural agent, has been appointed by the State Board of Agriculture as extension specialist in farm crops to fill the place left open when Howard Rather became head of the farm crops department at Michigan State College.

### AGENTS WANTED

**SALESMAN WANTED: FARM IMPLEMENT** salesman who can carry a high grade Pointe Digger as a part of his line has an excellent opportunity to cash in with a thoroughly reliable and old established house for Michigan territory. Liberal commissions. Address U. S. Wind Engine and Pump Company, Eastville, Illinois, Department B. F.

**FARMERS' EVERY-DAY-PAY-DAY-PLAN.**—Mr. Farmer, why worry? You can make \$30 to \$150 weekly distributing Whitmer Products to your friends. Experience unnecessary. We teach you how free. Earn while learning. Some good territories available. Team or car needed. Write today for farmers' "Every-day-pay-day-plan." The H. C. Whitmer Company, Farm Dept. 6A, Columbus, Indiana.

### MISCELLANEOUS

**FARMERS WOL MADE INTO BLANKETS.**—bating and yarn at fair prices. Send for circulars. Monticello Woolen Mills, (Estab. 1866), Monticello, Wis.

**WHY BLAME THE BULL WHEN YOUR COW** does not breed? Use Cow Catek 1 hour before service. Results or your money back. 85c for one cow; \$2.00 for five cows postpaid. Woodstock Farm, Route 2, Box 49X, Renton, Wash.

**FILMS DEVELOPED—SIX BEAUTIFUL HIGH** Glass prints 25c regular price. West Supply, Huntington, Ind.

**FOR SALE—DELCO LIGHT AUTOMATIC** plant; 48 bulbs; one 1/4 H. P. motor. This plant has only been in use 3 months; is practically new. Owner now has Edison. Will sell for \$175. E. G. Smith, 50 So. Gratiot, Mt. Clemens, Mich.

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**3,000 WHITE LEGHORN PULLETS 8 WEEKS,** 85c. Selected state accredited yearling hens, \$1.00. H. Knoll, Jr., Holland, Mich., R. 1.

**DUCKINGS—WAMMOTH WHITE PEKINS,** free circular. Diamond Duck Farm, Upper Sandusky, O.

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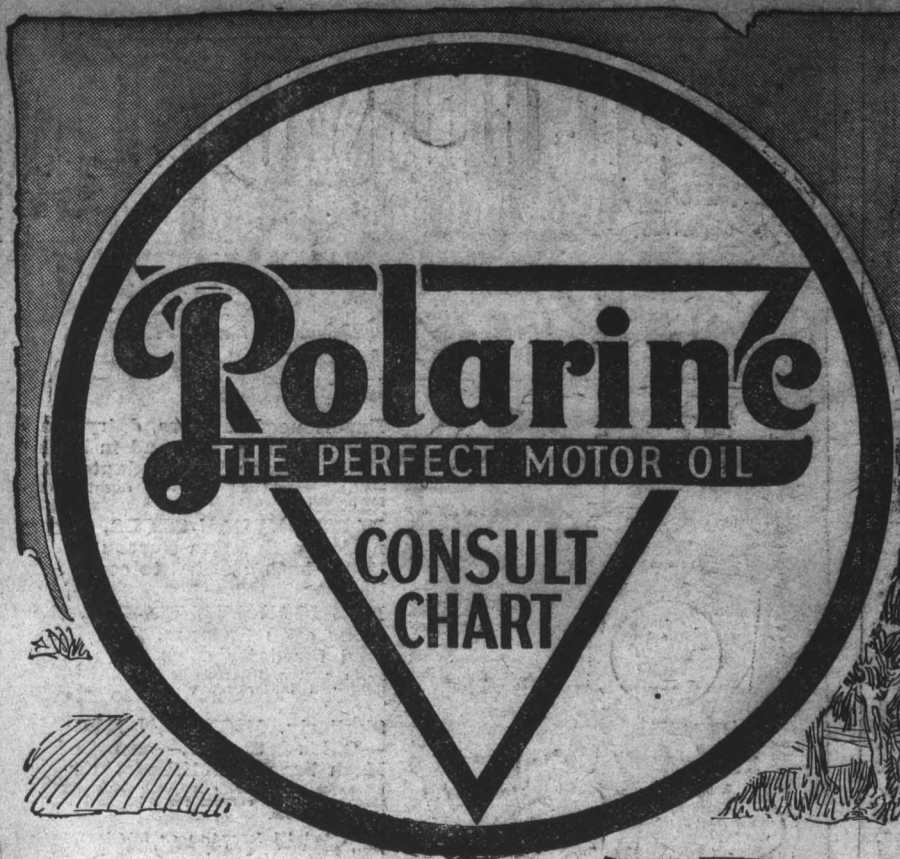
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