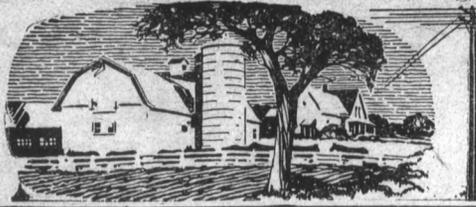


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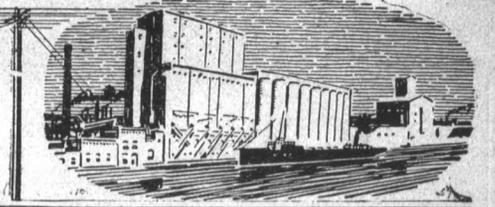
*The Michigan*

MAY 22, 1926

# BUSINESS FARMER



*An Independent  
Farm Magazine Owned and  
Edited in Michigan*



JUST EATIN' A LITTLE LUNCH

*In this issue:—“St. Joseph County Couple Wins First Prize”—“What the Michigan State Farm Bureau Has Accomplished”—Another installment of “Pioneering in Michigan”—and many other features*

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

Manager Michigan Business Farmer Piano Club  
**CABLE PIANO COMPANY**  
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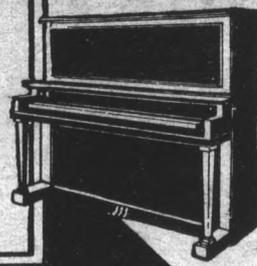
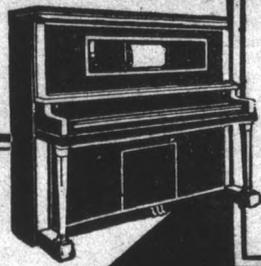
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**Send This Coupon for full information about these PIANOS and the Club Plan Benefits**

**T**HROUGH the co-operation of the Cable Piano Company of Detroit, our readers may now secure pianos built by this great factory at a substantial saving in price. The Michigan Business Farmer Piano Club makes it possible for our readers to deal direct with this factory, and secure the many benefits of the Club Plan. Under the Club Plan, a choice of beautiful instruments is offered, at direct factory prices, saving anywhere from \$90 to \$140 on each instrument. This saving is made possible by grouping the purchasing power of 100 members. Each member, however, is responsible only for his own individual purchase.

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**Three Beautiful Pianos Available Under Club Plan at Savings of \$90 to \$140**

**The Upright Piano** An honestly built, high-grade instrument. Wonderful tone quality. Sturdy construction throughout. Will last a lifetime. Every part the best. Elegant case in rich mahogany. A Piano you'll be proud to own.

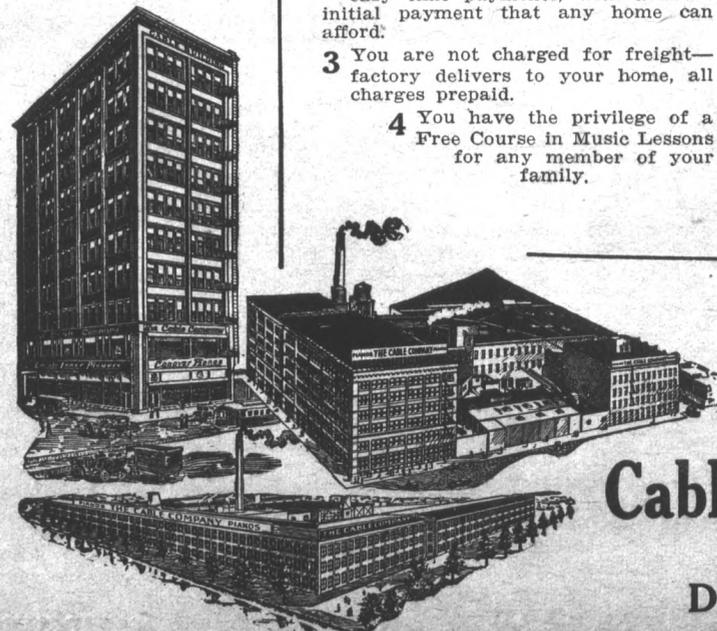
**The Player Piano** Anyone can play any and all kinds of music as well as the best musicians, without study or practice. Also plays by hand as any good Piano. Has latest expression controls and improvements.

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*Birdseye view of the great Cable factories whose co-operation with the publisher makes this liberal Club Plan possible.*



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**Cable Piano Company**  
 1264 Library Avenue  
 DETROIT, MICHIGAN

**COOLIDGE FOR FARM SCHOOL**

**P**RESIDENT COOLIDGE has endorsed the plan to help young men and women from the cities to go into scientific farming, which is to be promoted at the National Farm School conference meeting in New York City, June 2 to 7. In a letter to Abraham Erlanger, New York, chairman of the conference, made public here tonight, the president expressed the sincere wish that the conference would be successful. "Its purpose to interest the young men and women of the large cities in scientific agriculture as an honorable vocation is to be commended," Mr. Coolidge wrote. "Not only do you hold out the advantages of such a life work, but you aim to make available training necessary for such a career."

The conference will be made up of government and other public officials, including mayors and agricultural authorities, and leaders in scientific farming and home economics. The purpose is to interest young people in accepting the gratuitous facilities of the national farm school at Doylestown, Pa., where an intensive three-year course of 12 months a year is given in practical farming, scientific agriculture and home economics without charge for tuition or board. Only young city people are admitted.

**PLAN MUCH PUBLICITY ON STATE FAIR**

**T**HE reorganized Michigan State Fair is to be backed by a thorough line of publicity and advertising, according to James B. Haskins of Howard City, chairman of the fair committee on public relations.

About 400 Michigan newspapers will be used for advertising. Radio also will carry news of the fair developments, according to Haskins, who points out invitations already have been received from several broadcasting stations.

The fair is being accorded every possible co-operation from state breeders' associations manufacturers and national exhibitors, Haskins says.

Among the features of the fair this year will be five days of harness horse racing, including the Horse Review stake, the second largest racing classic in America. This meet will be a betless one and will be one of the first racing events of this magnitude ever attempted without wagers. There will be a day of automobile racing under A. A. U. supervision.

The Boy Scout, boys' clubs and girls' club and agricultural competition will bring large groups of Michigan's youth to the fair, and special preparations are being made for entertainment. William J. Goodspeed of Lansing heads the committee that will meet the youngsters at the trains and make them welcome. State nurses will look after their health and home economics leaders will supervise preparation of the food they eat while guests of the fair.

**NEW SUMMER COURSES AT M. S. C.**

**T**HE summer session of the Michigan State College will begin June 21 and continue to July 30, according to an announcement made by Prof. E. H. Ryder, dean of the liberal arts division and director of the summer schools at the college. Many of the regular spring, summer and fall term courses will be continued. The regular courses include liberal arts, applied science, veterinary medicine, home economics engineering and agriculture. Several special courses have been added to those offered in former sessions and graduate courses in virtually every division will be given. Registration will be Friday and Saturday, June 18 and 19.

**MARL IN BARRY COUNTY**

**A** SURVEY will soon be made to locate and determine the yielding capacity of the several deposits of marl known to exist in Barry county, according to County Agent Paul Rood. Barry county is believed to have the richest deposits of any county in the state.

# The Michigan BUSINESS FARMER

The Only Farm Magazine Owned and Edited in Michigan

Published Bi-Weekly at  
Mt. Clemens, Michigan.

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at Mt. Clemens, Mich., under act Mar. 3, 1879.

## Michigan's 1925 Rural Fire Loss \$5,000,000

*Causes of Losses By Fire on the Farm and Suggestions on Prevention*

By CHARLES V. LANE

Chief Fire Marshal Division, Department of Public Safety

STATISTICS accumulated by the Fire Marshal Division, Department of Public Safety, show that during the year 1925, Michigan sustained a loss of \$19,664,324.87. The same being \$1,754,960.70 less than the preceding year 1924, which loss was \$21,419,285.57.

Reports from the Underwriters show that in the neighborhood of fifteen million dollars was lost in the Old Line companies, whereby our average is obtained. Due to the fact that most farm property is insured in stock and mutual companies gives us an annual farm loss of approximately five million dollars.

The record of Michigan losses covers the entire state by counties and are obtained in such a manner that it is impossible to give exact figures of the amount of losses in rural districts.

Statistics show that lightning on the farm heads the list of fire causes. This is followed by chimney construction, which is more inclined to be defective in rural districts than in cities, where the chimneys are built under the supervision of building inspectors, etc. Other causes given to fires on the farm are smoking in barns, careless use of matches, spontaneous ignition, burning of rubbish, paint soiled clothing or oily rags, careless use of gasoline in cars, tractors, gasoline engines, etc., careless use of kerosene by the housewife, kerosene lanterns and lamps, unscreened threshing equipment and chimneys, improper protection of stoves and lack of shielding wood work.

### Remedying Conditions

In the following order we wish to call your attention to methods and ways of remedying such conditions. As lightning is first named on the list we obtained reports from the National Board of Fire Underwriters and also from the Province of Ontario, which reports demonstrate clearly that to a large extent where lightning rods are properly installed that this hazard has practically become eliminated \* \* \*

The next hazard we wish to speak of is that of the defective chimney, which when improperly constructed constitutes a serious hazard. To construct a safe chimney bricks should be used on a ground foundation and should be properly lined. Soot should be removed from same at least annually. A hand full of table salt on the fire in the stove, grate or furnace occasionally will reduce the soot deposit, in the flue. Do not construct chimneys on brackets or use tile for this purpose. Along with the chimney losses we find the hazard from wooden shingle roofs or equally combustible material used for roofs. Sparks from the chimney, even though well constructed will find their way into inflammable roofs and may be whirled aloft causing grass or brush fires. There are two ways in which this can be remedied. As fast as possible eliminate the hazardous wooden shingles and replace same with asbestos or fire retarding type. If, however, at this time where wood shingle roofs exist on your dwellings or buildings where stoves are used, we would recommend a spark arrester.

Following the hazard of chimneys we wish to dwell for a moment on the hazard of smoking and it is our opinion that the farmer who smokes around his farm buildings, where so much combustible material is stored is continually flirting with fire. Inasmuch as smoking and matches are classed together we wish to state at this time a very essential measure in fire prevention,

WE are publishing the talk on rural fire prevention given by Charles V. Lane, state fire marshal, on the evening of May 14 through station WGHP. It contains some very interesting information and we are pleased to publish it in our columns for the benefit of those readers who did not hear it "over the air." And, no doubt many who did hear it would like to read it to get the facts once more impressed upon their minds. The other radio talks in our rural fire prevention campaign will appear in future issues.

namely to keep matches away from children and I would further recommend that matches be stored in metal or earthenware containers and above the reach of the children \* \* \*

The next on our list is spontaneous ignition, which comes usually from uncured hay. The Province of Ontario through their fire marshal has spent considerable money in studying spontaneous combustion on the farm and find that a large number of our fires are due to this source of ignition. Fires are known to occur principally in hay mows, in oat stacks, in barley straw, sometimes in buckwheat blue grass and even in threshed grain and seed. Analysis made by the Michigan State College shows that certain seeds and grains contain cotton seed meal, linseed meal, gluten feed, distillers' grains, malt sprouts and wheat middlings. It is evident that the linseed oil in the feed is more apt to cause spontaneous combustion than any of the other oils.

The main factors leading to spontaneous ignition of foods and fodders may be given roughly as moisture, bacterial activity, germination and storage in large heaps. Where stored lots of the materials amount to hundreds of tons, spontaneous combustion sometimes may be under-way for two or three months before it is discovered. All of the substances mentioned are dangerous when piled in large heaps or tightly packed in bins while still in a fresh state, or if they are allowed to become wet after being dried and then stored for some time in that condition. Such damp or wet materials may contaminate dry lots of the same products and cause them to overheat. Instances have occurred

where wooden columns standing in the midst of heaps of wet, spoiled grain or bran or hay have become charred before the stage of spontaneous ignition. Hence such timbers, if they cannot be replaced by pillars of cement or metal, should be covered with non-combustible material, and storage rooms visited at frequent intervals and kept well ventilated; heaps should be turned over frequently in order to insure proper surface cooling. Suspicious odors, especially a scent like that of fresh bread, will indicate a high temperature. An inexpensive safety measure is the provision of metal lined grain bins, with spring closing covers also lined with metal.

The following recommendations are made in connection with farm fires. Do not permit paint soiled clothing or oily rags on your premises. Where the same are found to exist they should be destroyed or burned at once. Inasmuch as statistics show that eighty percent of our fire losses are caused by poor housekeeping we recommend and especially at this time of the year that all rubbish be removed, more especially in attics where the same has been allowed to accumulate. Discontinue the use of oil mops or use the greatest care in storing same in a metal container with plenty of ventilation.

### Added Hazard

The farmer today has an added hazard to which he should give a large amount of consideration, namely gasoline or other volatile fluids used in his car, tractor, etc. It has generally been suggested for the car or tractor that a special garage or building be constructed for the storage of same, isolated as

## Elevator Exchange Advocates Bean Pool

ABOUT forty cooperative elevator managers and directors, county agricultural agents and farmers attended the meeting on May 4th at the Bancroft Hotel called by the Michigan Elevator Exchange to discuss a farmer controlled bean pool.

Willard C. Cribbs, Assistant in Marketing of the Extension Department of the Michigan State College, read the Exchange plan for a pool which is along the following line: The grower will have up to a certain date to decide whether or not he desires to enter the pool which, under the original plan, was to extend over a period of eight months, from September 1 to May 1. Growers coming into the pool will have their choice of holding their beans on the farm and receiving a storage charge on them, or delivering them to the elevator and taking a cash advance on the beans delivered. Beans in the pool will be paid for at the average price the beans are sold for during the life of the pool.

The pool plan seems to be along the same lines of the one discussed

a year ago, except that it leaves out the old line elevator operator. Any farmer can use the pool but he must deal through a farmer controlled elevator, which may or may not be affiliated with the Exchange at this time. All selling will be done through the Exchange, however.

Chairman H. D. Horton, President of the Exchange, then called on Mr. Osmer for further explanation of the idea. Mr. Osmer was of the opinion that the paper read by Mr. Cribbs covered the matter thoroughly. The chairman then called on different members of the audience to express their views.

After discussing the pool nearly all afternoon two resolutions were adopted before the close of the meeting. One was to the effect that all were in favor of anything that would give the farmer more money for his beans, and it was recommended that the Exchange do further work along the line of starting a pool. The other resolution was that the Exchange get in touch with the officials of the pool discussed last year in an effort to get together.

far as possible from all other buildings. Special attention should be given to the gasoline engine as to leaky piping and the proper storage of gasoline. Our records show that there are even through the past few months a large number of fires occurring in rural districts which were caused by gasoline. Added to this is the careless use of kerosene by the housewife in starting a fire. Reports are continually pouring into our office where a woman, child or some other member of the family was burned to death besides burning the home and the cause is given "Kerosene on live coals."

There is no one of our listeners but what knows or has read the cause of the great Chicago fire of 1871 when Mrs. O'Leary's cow kicked the lantern over. The lantern can be greatly improved on, where a light is necessary around the farm and we are suggesting its replacement by the electric flash light. Perhaps it may be a little more expensive to maintain but it practically eliminates the hazard of fire in the barn. Where electric wiring is installed have the same placed by a competent electrician and assure yourself that the same is properly fused, which practically eliminates the dangers of electric wiring, in other words your fuses are the safety valves of your wiring and should the same blow out under ordinary circumstances do not replace the same with metal as there is trouble somewhere in your electric line and you should ascertain this trouble before going farther.

Do not permit any coal or wood burning threshing power to come on to your property unless the stack is properly equipped with spark arresters. Further than this insist that your thresher complies with the Michigan law and has for his immediate use a fire extinguisher.

Although we have named the principal hazards existing on the farm we do not feel that we have eliminated the fires on the farm even though all the foregoing recommendations were carried out.

### Protection

Therefore, our next subject will be protection on the farm. In this we feel that every farm, every household and in fact every building should be equipped with some type of first aid fire extinguishers. To add to this we recommend that farmers not only have a fire extinguisher but a ladder located in a convenient place used for emergencies exclusively, whereby he may get to his roof to extinguish fire.

Communities should give consideration to a new type of fire protection recently introduced in our state, namely the community fire truck. There being at this time in the neighborhood of fifty such machines being operated out of cities and villages throughout the state. It is through this source we attribute a large share in the decrease obtained as aforementioned in 1925 over 1924 which we really believe has been saved in the rural districts by the community fire truck. This type of fire protection is no longer experimental. Fire protection fifteen years ago in rural districts would have been absurd. However, with high powered apparatus and thanks to our good roads and the man behind them this has been made possible. Daily where such apparatus is maintained reports are coming in from rural districts where homes, sheds and even barns are being saved from destruction by the Community fire truck. Also valuable protection has been given to rural schools and churches.



Left to right: Mr. and Mrs. A. B. Munro, of East Kenoskee, near Atkins, St. Clair county, married 69 years; Mr. and Mrs. Frank Storms, of Bridgeton, Newaygo county, married 44 years; Mr. and Mrs. A. J. Shepherd, of Beaverton, Midland county, married nearly 54 years.

## St. Joseph County Couple Wins First Prize

Five Dollars Goes to Mr. and Mrs. W. C. Davis, of Leonidas, Married Seventy-one Years

WHEN we announced our longest married couple contest we said we hoped to receive a hundred entries and have every county in the state represented. The number of entries did not fall far short as we received eighty-one, and they came from forty-one or nearly half of the counties in Michigan.

Immediately after the close of the contest, May 1st, the judges began to sort out the entries to find the three couples who had been married the longest and we are now pleased to tell you the names of the winners.

First prize of \$5 went to Mr. and Mrs. W. C. Davis, of Leonidas, St. Joseph county, who have been married 71 years. Mr. and Mrs. Joseph Hanchett, of Bushnell, Montcalm county, with 70 years of married life, won the second prize of \$3, and third prize, \$2, was awarded to Mr. and Mrs. A. B. Munro, of East Kenoskee, St. Clair county, married 69 years. Pictures of the winners of first and third prizes appear in this issue, together with stories about their lives. A picture of Mr. and Mrs. Hanchett will be published in a future issue, as will pictures of the other entries.

In this issue we are publishing pictures and stories of four couples.

### Mr. and Mrs. Davis

Mr. and Mrs. William C. Davis, of Leonidas, celebrated their seventy-first wedding anniversary on November 26, 1925. Mr. Davis was born in New York State June 25, 1833,

and came with his parents, in a prairie schooner, to Michigan when a small boy. His wife was also born in New York State, Naples being the place and 1838 the year. She with her parents moved to this state six months later, driving through from the East with horse and wagon. It was in Leonidas they became acquainted and grew up together, to later marry. Mr. Davis was a blacksmith for many years, learning the trade from his father, but later became a wagonmaker. He is considered the oldest member of the Independent Order of Odd Fellows in Michigan. They have three children, four grandchildren and five great grandchildren.

Mr. and Mrs. A. B. Munro of East Kenoskee, near Atkins, St. Clair county, were both born in Rawdon, Ontario, Canada, and Mr. Munro came to Michigan when he was 21 years old. Mr. Munro, who is ninety years old, and his wife, age eighty-six, celebrated their Golden Wedding anniversary in June 14, 1907. They purchased the farm they now live on 58 years ago, and it was here seven children were born to them, but only five lived. There are twenty grandchildren and a number of great-grandchildren. Their farm is rented but Mr. Munro has a garden each summer which he gives much attention. Both are in good health considering their age

and bid fair to enjoy several more years of wedded life.

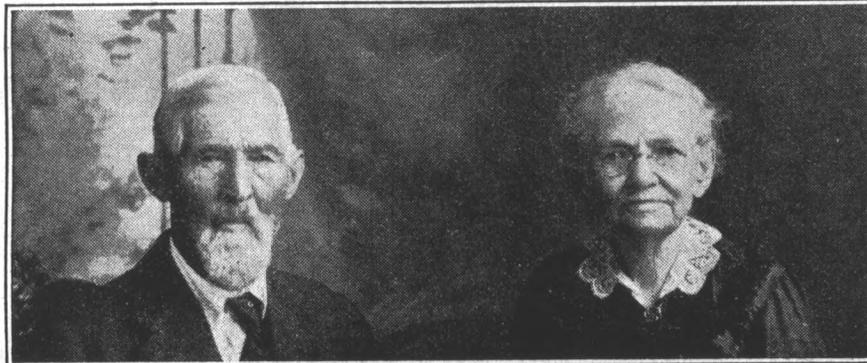
### Mr. and Mrs. Storms

Here is an entry from the western part of the state—Newaygo county. Mr. and Mrs. Frank Storms, of Bridgeton, have been sweethearts for about 44 years. They moved into the woods along the Muskegon River in the early days when logging parties and kissing bees were all the go, and put up a log house on their farm where they have lived ever since. Mr. Storms worked on the river and in the woods, and carried mail from Bridgeton to Newaygo when the road was only a cow path through the woods. They have one son, Milo Storms, who lives at Millersburg.

### Mr. and Mrs. Shepherd

Mr. A. J. Shepherd, of Edenville, Midland county, is another Michigan pioneer who was born in the state of New York. His date of birth was November 11, 1844. His wife was born in Holly, May 20, 1852. Mr. Shepherd came to Michigan in 1857 and married on July 20, 1872. Two years after their marriage Mr. and Mrs. Shepherd moved to the farm they now live on. Seven children were born to this union, one dying in infancy. They have thirty-three grandchildren and eight great-grandchildren living. Mr. Shepherd served in the Civil War.

More pictures and stories will appear in future issues.



Mr. and Mrs. William C. Davis, of Leonidas, St. Joseph county, winners of first prize in our contest. They have been married over 71 years.

## What the Michigan State Farm Bureau Has Accomplished

AS the Michigan State Farm Bureau is conducting membership campaigns in thirty counties in this state, we are hearing considerable more than usual about the activities of this organization. And, inasmuch as many of you will be asked to join within the next few weeks, it might be a good idea to consider what the State Farm Bureau has done and is doing for the farmers in Michigan.

It was seven years ago that the idea of a Farm Bureau was conceived and the organization came into existence at a meeting held in Detroit. The headquarters was established at Birmingham but later was moved to Lansing, its present location.

Like a young child, the Farm Bureau has passed through many stages of growth, suffering from various ills and having plenty of setbacks, but overcoming all of them and now at the age of seven years it is a fine strapping youngster, doing much to help the ones who nursed it through its infancy, and also those who have taken an interest in it since then.

The successful functioning of the commodity exchanges and the business ventures of the Michigan State Farm Bureau is made possible by 720 local cooperative associations. Under this arrangement the Farm Bureau becomes the general clearing house and power station for aid-

ing the members. It is the central organization which fortifies and coordinates the whole movement of organized agriculture in Michigan.

### Commodity Exchanges

The Michigan State Farm Bureau is controlled by a board of eleven directors. Six of the members of the board represent the Farm Bureau members directly and the other five are nominated by the five commodity exchanges, one member coming from each exchange, which are affiliated with the Michigan State Farm Bureau under the plan described above; The Michigan Milk Producers' Association, the Michigan Elevator Exchange, the Michigan Live Stock Exchange, the Michigan Potato Growers' Exchange, and the Michigan Fruit Growers, Incorporated.

During its existence, the Farm Bureau has rendered substantial support to these commodity exchanges in their formation and development. An idea of the extent of the marketing services which these exchanges are rendering may be gained from the fact that last year the total volume of business which they handled amounted to \$50,000,000.

### Seed Service

In the early days of its organization, the Michigan State Farm Bureau took the lead of all other states in the establishment of a Seed Service. In the estimation of

many, this one phase of work has rendered benefits to the members far exceeding the entire amount paid in dues to the state organization. It has provided a reliable source of seed.

Before the Bureau made adapted alfalfa seed available to its members, alfalfa seeding failures were very common but since the Seed Service was established six or seven years ago, Michigan has increased its alfalfa acreage faster than any other state in the Union, boosting it from 76,000 acres in 1919 to more than 500,000 acres in 1925.

In the distribution of Farm Bureau seeds the local co-ops and card-door agents have been commonly used, although members not served locally often secure their seed from the state headquarters.

Not only has the seed service provided a source of dependable seed but it has served as an agency which many farmers have found a satisfactory outlet for their farm grown grain, grass, clover and alfalfa seed.

As stated before, Michigan is favored by having some 720 local cooperative associations serving the farmers in their sales and purchasing problems. However, with the limited volume of business which each local co-op has and with relatively inexperienced managers in many instances, the members and patrons of local cooperative organ-

izations do not stand a very good chance of getting satisfactory service and prices unless there is a central purchasing agency to group all of these cooperative requirements and buy in large volumes through experienced purchasing agents. The Michigan State Farm Bureau thru its supply service has been meeting this situation in a very satisfactory manner.

Perhaps only a few of our readers know that the State Farm Bureaus of Indiana, Ohio, and Michigan take the entire output of a large, modernly equipped fertilizer factory located in the state of Ohio and through this connection are in a position to supply their members and the local co-ops with high-grade fertilizer at reasonable prices and still prorate back patronage dividends on each season's business.

### Big Business

The Supply Service of the Farm Bureau handles a wide variety of all of the commodities regularly carried in stock by farmers' elevators and local cooperative associations, nearly 2,400 carloads of the various commodities being distributed during the year of 1925.

### Wool Pool

The first wool pool established by the Farm Bureau was found unsatisfactory for reasons quite beyond the control of man, but during the last couple of years it has been high-

(Continued on Page 18)

# THRU OUR HOME FOLKS' KODAKS



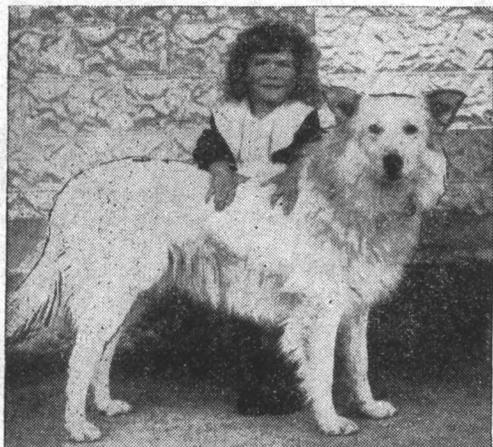
**"SPEAK FOR IT, BING!"**—Forest Wilson, of Curran, Alcona county, with his dog, Bing.



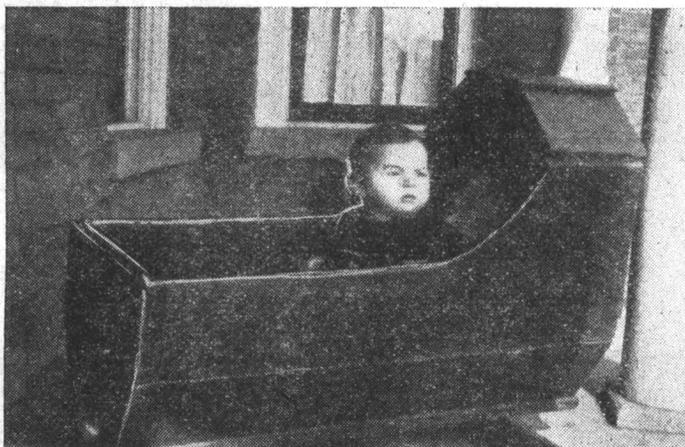
**GETTING READY TO THROW SOME RINGERS.**—A game of horseshoes, or "barnyard golf", on the farm of Jacob Keller, of East Jordan, Charlevoix county. Miss Merle Keller sent the picture.



**"HOWDY, MISS HOWE."**—Earlene, daughter of Mr. and Mrs. Earl A. Howe, of Perry.



**CLOSE PALS.**—Willard, three-year-old son of Mr. and Mrs. Simon Halmenberg, of Lake Leelanau, and his faithful dog, Bob. They are always together.



**"ROCK OF AGES."**—Charles Putnam is the fourth of the fourth generation to be rocked in this cradle. It was made in Canada 76 years ago. Charles has five grandfathers, according to Mrs. Lena Drake, of Caro, Tuscola county.



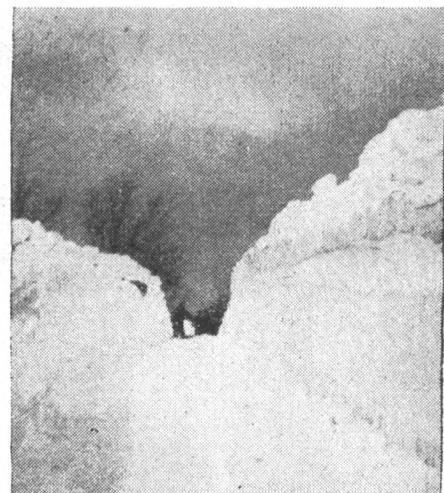
**PEACHES.**—Three school pals, Esther and Ruth Green, and Arleita Devereaux. Arleita is in the center. We are indebted to Mrs. C. Bates, St. Johns, for the picture.



**A YOUNG TEAM.**—"Ralph McGowen, Arlene Ridderman, and Lilian Rider, and my twin calves," writes Albert Meyer, of Fremont.



**PUTTING UP THE HAY.**—This is Warren Cornell and Lon Chester of Reed City, and Master Roy Seeley, of Walled Lake, drawing alfalfa on the Cornell Farm near Reed City, Osceola county. Mrs. C. M. Cornell, Reed City, sent the picture to us.



**SOME SNOW.**—Mrs. Herman Deising, Bear Lake, sent us the picture, taken on April 7, in Manistee county. The bank along this road is 10 feet deep.



**AN EXAMPLE OF THE CART BEFORE THE HORSE.**—Little Annie Taeye, of Maple Rapids taking a ride and her mother playing horse. The picture was sent in by Mrs. Franc Jenne, of St. Johns.



**HERE ARE SOME BEAUTIES.**—A. E. McGirr and his son, Emery, of Spratt, Alpena county, caught these in Beaver Lake. Guess we'll have to visit Beaver Lake.



**HOPE.**—That word means a lot here. William, son of Mr. and Mrs. W. J. Baxter, of Sand Lake, Kent county, hopes his goat whose name is "Hope", will go when he wants him to go. Well, we hope so too, William.

## Farmers Service Bureau

(A clearing department for farmers' every day troubles. All requests for information addressed to this department receive most careful and prompt attention, and a personal answer is sent out by first class mail. This service is free to paid-up subscribers, but complete name and address must accompany the inquiry. If we use your inquiry with the answer in this department your name will not be published.)

### NO SCHOOL ON HOLIDAYS

Can a teacher make up lost time on Saturdays or holidays? If the school board has authorized her to do so could she mark a child absent who did not go to school on said day?—F. B. R., Ithaca, Michigan.

ACT 11 of the Public Acts of 1911 provides in part that, "The following days, namely the first day of January, the thirtieth day of May, the fourth day of July, the first Monday of September, the twenty-fifth day of December and all Saturdays and all days appointed by the governor of this state or the president of the United States as days of Thanksgiving, shall, in all the public schools of the state, be treated and considered as public holidays and on such above specified days there shall be no school sessions in any of such public schools of this state."

Time lost by teachers cannot legally be made up on Saturdays and holidays. The teacher could not mark a child absent who refused to attend on Saturdays or holidays nor could the child be made to suffer any loss or inconvenience through

missing the recitations on such a day.—G. N. Otwell, Department of Public Instruction.

### IS CONTRACT BROKEN?

On March 15th, 1925, B and C rent farm from A on shares. On March 15th, 1926, C leaves farm and goes to work in city. Does that break the contract or can A hold B? B furnished all necessary tools to work farm with.—J. R., Midland, Michigan.

If farm was rented for one year and contract states that tenant shall not leave without consulting landlord, or similar provision, the tenant breaks said contract or lease by leaving before time is up.—F. T. Riddell, Research Assistant in Economics, M. S. C.

### GET ONE FOURTH

A and B own eighty acres of land together. A furnishes everything, buys clover seed, pays taxes. What share should B receive? A does all the work. A purchases a farm joining the above amount of land in January, and was to get possession

March 1st. During this time the renter lets his sheep peel the bark off of the apple trees as high as they could reach. If trees die what could be the comeback on the renter, if any?—W. C., Remus, Mich.

I SHOULD think about one-fourth of the proceeds of the farm would be a fair share for B under these circumstances. The owner of the trees would have an action for damages against the owner of the sheep for injury to the trees, if he can show it was due to any negligence of the owner.—Legal Editor.

### EXEMPTION

I would like to know what the tax exemptions are to farmers on personal property on a farm that he lives on and works and on a farm that he owns and works but does not live on. The farms being in different townships.—J. L., Marcellus, Michigan.

THE farmer, if he is a household-er would be entitled to an exemption of \$250.00 on his personal property. The fact that he had another farm would not entitle him to any more.—Legal Editor.

### CAN HE HOLD SHARE OF CROPS

A rents farm to B on shares by written contract for term of four years. C holds mortgage and has started foreclosure which ends in September. B's time will be out

soon. Could he hold and harvest his share of crops?—Subscriber, Bancroft, Michigan.

AS soon as the period of redemption expires, which is one year after date of sale, the mortgagee could take possession of the farm and take the unharvested crops.—Legal Editor.

### SCHOOL OFFICER CAN HOLD TOWNSHIP OFFICE

Has a school officer the right according to law to hold a township office? Is it lawful for a school officer's wife to take the contract to take the children to school and then put a school boy to drive the school bus?—M. R., McMillan, Michigan.

A SCHOOL officer has the right to hold a township office. The only case of incompatibility is that of township treasurer and school district treasurer. An individual does not have the legal right to take a contract for transporting children and then put a school boy on to drive the school bus. In fact, an individual must be at least eighteen years of age before he becomes eligible to secure a chauffeur's license.—B. F. Ford, Dept. of Public Instruction.

### WHAT THE NEIGHBORS SAY

#### ADVICE

DEAR EDITOR: G. B. of Columbiaville, Michigan, does not state age of his heifer nor just the condition of food vomited but if she fails to chew her cud and drops these in the manger I would venture it was her teeth which caused it; either an injured tooth or teeth she is shedding which are bothering and preventing her from chewing. If loose teeth, pull them.

We read quite a little about people who are making good with dairy cows but as a rule they sell whole milk and get a much better price than the fellow who sells his cream on a butter-fat basis. Would like to hear about some who are making good selling butterfat as such.—D. T. Olds, Osceola County.

#### WHAT AILS FARMING?

DEAR EDITOR: How enlightening are the letter of Peter B. Lennon of Genesee and George Lord of the tax commission. How clearly do they refute the claim that all the foes of agriculture dwell in the cities and more prosperous of our counties.

Well, do we remember when the question of a storage house near the cities came up before the legislature, the city representative voted to allow the electors to vote on it and the upstate legislators denied them the privilege?

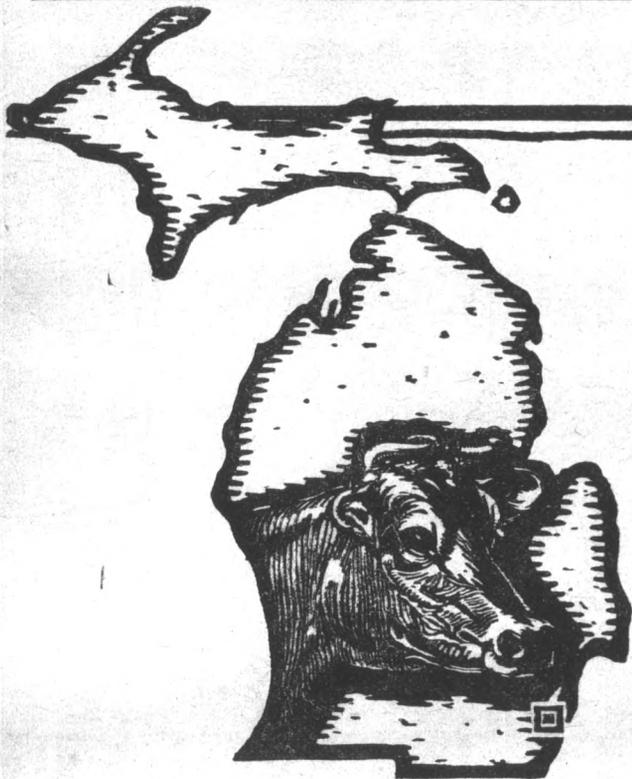
The great question before the people today is not so much the action of executive boards as how they have acted to give tax-payers their money's worth. The claim was made on behalf of responsible boards that they would lengthen the constitution in fact and do away with many useless departments but in this they have failed. They have not even devised a means to raise state funds without recourse to county levy thereby keeping the tax commission in full force, all the forces of the old order on the payroll and added more.

If Mr. Lord's statement is to be used as evidence the manner of getting correct and values is wrong now and the effort expended over it is on a par with the practice of having prisoners tote bricks forth and back in prison yards on the advice of the prison physician that their appetite may be kept in order.

Every person knows that when land is rented year after year for less than the taxes and upkeep that there is something wrong with the system of land value and it is indeed timely that the candid statement of the expert is heeded by those that are not in a position to know.

Many were fearful that the representatives from our cities would squelch every effort of the county men to relieve agriculture, but it now seems that the tide of sentiment is turning in favor of the plowman, ing to pay interest on watered

If I were asked to state off hand what ails farming, I would say try-stock and borrowing from loan-sharks to do it.—E. R., Port Hope, Mich.



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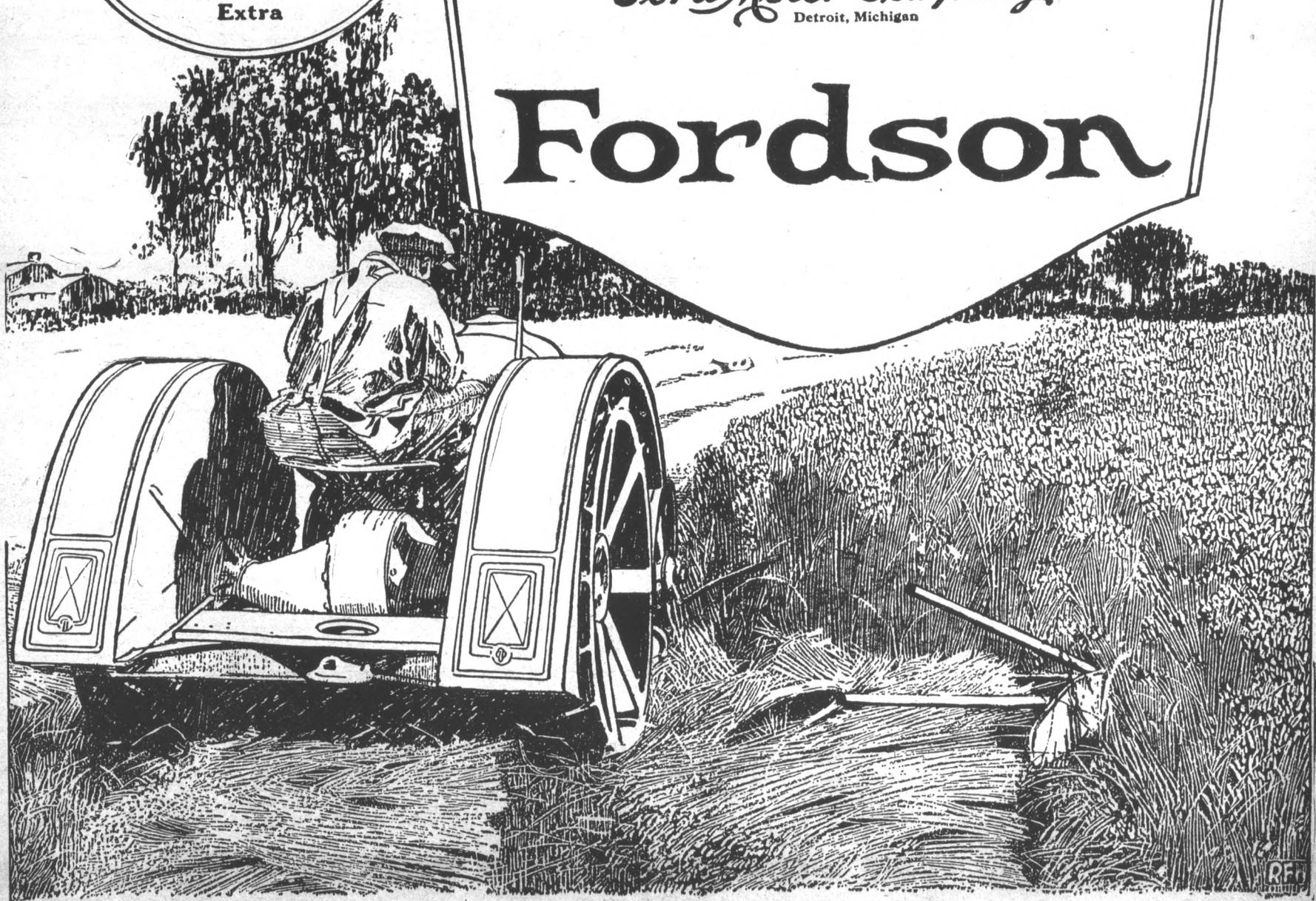
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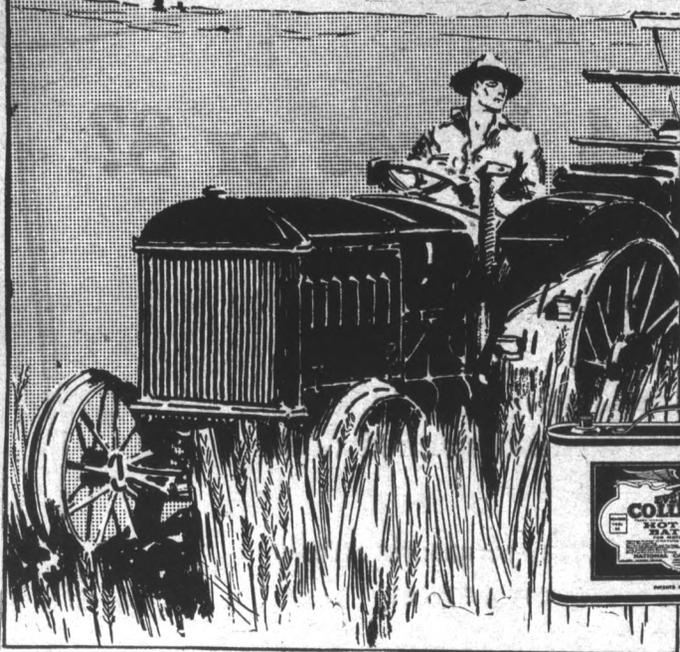
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## Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

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

AMONG the many letters coming to me from M. B. F. readers during the past few weeks, was one which contained much food for thought; and while some of the statements referred to may seem far fetched at present, the writer has lived long enough to realize that "all things are possible," and he wouldn't be surprised to see automotive fuel being manufactured in fifty different places right in Michigan in less than ten years.



L. W. MEEKS There is no doubt but what a vast amount of alcohol raw material is being wasted, or nearly so, on the farms of the country. All we need is some farmers' friend, with ability and a vision large enough to put it across. This letter comes from Dowagiac, and I am sure it will be as interesting to our readers as it was to me. Essentially it is as follows:

"Your article in the April 10th issue of the M. B. F. interested me very much, especially the statement, 'The trouble with us farmers is, we do not produce something which can be used as motive power in automobiles.' Of course if it would run our automobiles, it would run our tractors, engines, generate electricity, and many other things.

"The following little article published in the 'New Practical Reference Library' has come to my notice, and possibly it will interest you, and others that may not have seen it.

"Now if some big brained person can just invent a simple machine to make the alcohol out of the stalks, and we can induce Henry Ford and the rest of them to adjust the carburetors for alcohol, our future as farmers is bright.

"Prof. Wiley of the U. S. Dept. of Agriculture says that since every hundred pounds of cornstalks will yield six and one half pounds of absolute alcohol, it is obvious that the agriculturalist has been allowing an enormous amount of wealth to go to waste. Say that one acre will yield from ten to twelve tons of stalks, or about 20,000 pounds, and you have a quantity of raw material which will produce 216 gallons. Prof. Wiley says that the alcohol derivable from the cornstalks that now go to waste in this country would not only drive all the machinery of our factories, but would furnish the requisite power for all our steamboats and railroads, run all of our automobiles, heat and illuminate all our houses, and light the streets of every city in the Union."

"Please tell me why has this invention not been made before now?"

Why can we not adjust our car and tractor carburetors for grain alcohol? Henry Ford is the farmers' friend. Shall we appeal to him?—A paid up subscriber, Mrs. Chas. S." All this may seem like a far cry, but it may be nearer than we think. The world moves fast, and the farmers will be sitting pretty when it is possible for them to produce something to make it move faster.

### Alfalfa and Tile

Another interesting letter comes from T. J. C. of Nashville, and his question is as follows. "I would like to know if sowing certified Grimm alfalfa in a field that is tiled would be all right, or would the roots grow down and clog the tile?"

The writer never had any experience with alfalfa in a tiled field, but would not think Grimm would clog the tile. The opinion of one of our leading farmers and seed dealers was asked concerning this, and he stated he never heard of Grimm clogging tile. Here is a question of interest to many of our readers, and a discussion of the subject from men who have grown alfalfa on tiled land will be welcome.

### Nothing Much to Do

The late spring has certainly caused a rush on our farm these days. Many potatoes which should have been shipped in March and early April, have been ordered held until May. Then the local trade which, for early seed generally comes the first of April is on right now.

Being the only grower of certified seed in this section, we enjoy quite a far reaching local trade. It is nothing unusual for a car to come fifteen miles just for one bushel of seed. Then there is the completing of a double brooder house for the chicks, an unusually large amount of manure to haul, and about 25 acres of corn to plant, beside the potato field to get ready. However, aside from this, and fence building, there is nothing much to do.

### Fertilizer

"Do you advise using fertilizer?" is a question often asked the writer. It all depends on the circumstances. If you expect to use fertilizer to produce hay to sell from the farm, I do not advise it; if you want to use fertilizer to produce more hay to feed on the farm, or more growth to plow under, that is a practical and commendable thing.

"Shall I use a balanced or complete fertilizer?" is another question often asked. If you are fertilizing a field that has just produced a legume like alfalfa or clover, or if you are to supplement barnyard and stable manure with commercial fertilizer, probably acid phosphate is

(Continued on Page 18)

## 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.



ON HILLCREST FRUIT AND POULTRY FARM, SARANAC, MICH. This is the home of L. L. Winslow, near Saranac, Ionia county.





# A SOBER VIEW OF LIFE

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:** "For I say thru the grace that was given me, to every man that is among you, not to think of himself more highly than he ought to think; but to think soberly, according as God has dealt to each man a measure of faith." Romans 12:3.

**W**E should live soberly and righteously and godly in this present world. "Let us, since we are of the day, be sober." But again, in the words under consideration, the apostle is saying that because he has already revealed great and basic truths, and because the disciple's life is so real and important, and because that eternity will be to us what we make it, we should take a sane view of life. He is giving us counsel on our mutual relationships in church and society that our various gifts might be used in right service and conduct.

But our spiritual gifts are measured according to our faith. "According as God has dealt to each one a measure of faith." This reminds us of our Master's words, "According to your faith be it done unto you." Let us soberly inquire as to the quality and content of our faith.

There is the superstitious faith. "And behold, a woman who had an issue of blood twelve years, said within herself, If I but touch his garment I shall be made whole." And Jesus said, "Thy faith hath made thee whole." What loving power reached this woman thru her crude faith! God is good. "And God wrought special miracles thru the hand of Paul; insomuch that unto the sick were carried away from his body handkerchiefs or aprons, and the diseases departed from them, and the evil spirits went out." This again is akin to heathen magic, but the heavenly Father knows the cry of sorrowing hearts and blesses notwithstanding. How wonderful!

Let it be noted that in both of these cases and in others, our Father heals not through the touch of garment or thru contact with aprons, or thru any other superstitious methods. There is no healing potency in such external connections. Yet these poor, imperfect penitents thought so, and God permits him mercy to flow to them thru channels that they made for themselves. They could not do any better. Their belief was weak. It had much error in it. But it was active and was leaning toward Christ thru such vehicles as they knew. It was the farthest possible reach of this faith that brought them into union with the helping Christ, and not the crude methods used as means.

But, soberly, does our faith differ enuf with that of these Bible instances? What about patronizing the fake healers, about our belief in superstitions, and about resorting to the magic practices that are yet in vogue? Truly our best gifts and our most spiritual service to mankind are to be rendered thru a more rational faith. Thru the slow discovery of the years, we now have many reasonable and scientific means thru which to lay hold o-miracle-power. Let us turn to the rules of sober thinking, hygienic living, sanitary surroundings, and to doctors and nurses if need be; that we might have personal health; and thru any rational means that we know let us adjust our lives to the folks and things about us. It is in the realm of sane thinking and rational practices that the Jesus' religion will have its greatest advantages.

So, our "measure of faith" determines the quality of our thoughts and conduct. "Follow after death." The content of our faith regulates the character. We may have faith in such measure as we will. Tho God makes it possible for us to believe, faith is of such a nature that it must be strengthened thru sober thinking. In this sense, one's faith is the creation of ones mind. There must be an intellectual assent to the doctrines of God and Christ; of sin

and of salvation; but Christian belief is a far remove from simple assent; it acts and it trusts. This objective goal is too much left out of the general mind. But that a pure faith has its evidence in works and conduct, is reasonable to the sober mind. God works in us both to will and to do his good pleasure; that is, his gift of faith plus our heart devotion to this gift, makes for us rightness of character. This may be seen in the lives of any who are committing themselves to the will of God.

And now, this will make for a sane estimate of oneself. One translator addresses our text to the "self-important." The haughty and self-centered make no little trouble in life. They look at themselves and their own thru a telescope of self-love and everything seems to them to be enlarged to vast proportions, and they imagine they have great reason to boast of their gifts and accomplishments. These same look thru the opposite end of the glass

and see their neighbors as very much smaller in comparison. Is there a greater delusion in life than that which we practise on ourselves with our eyes wide open? Man is mans greatest betrayer. The Pharisee who looked upon himself as wise and saintly, and upon the Publican with contempt, has left behind him a numerous progeny. Is there any one of us who has not at some time or other looked upon himself and his neighbors in some such way as described? Verily, he that exalteth himself shall be abased.

The textual teaching would have us use our gifts with a view to service. An arrogant, puffed-up feeling makes this utterly impossible. A sober reflection upon the divine source of our gifts would prompt to their consecrated training and use. It is matter of sanity, the apostle would say, to take stock of the mental and physical equipment that we have from God, with the distinct purpose of setting them apart for Christian service. This is why we have them.

So, we have found that one must apply intelligence in knowing himself, and in knowing the people and things around one; but in the Christian religion, all this knowledge is held as a challenge to good works. To face God in a sober way is to serve him. To face God thus is to pray that his spirit will guide and bless in the use of our natural faculties to his glory. God must use us as we are naturally, and he will;

only these native powers must yield to the direction and enlarging of his spirit. Whether we are capable of doing much or little thru sober thought and surrender we must bring our powers under the control of God. This we owe to ourselves and to all men. And we have copy and power in Jesus Christ.

### BIBLE THOUGHTS

**LET US NOT BE WEARY IN WELL DOING** for in due season we shall reap, if we faint not.

As we have therefore opportunity, let us do good unto all men, especially unto them who are of the household of faith.—Galatians 6:9, 10.

**EYE HATH NOT SEEN, nor ear heard, neither have entered into the heart of man, the things which God hath prepared for them that love him.**—1 Corinthians 2:9.

**OWE NO MAN ANY THING, but to love one another: for he that loveth another hath fulfilled the law. Love worketh no ill to his neighbor: therefore love is the fulfilling of the law.**—Romans 13:8, 10.

**BRETHREN, if a man be overtaken in a fault, ye which are spiritual, restore such a one in the spirit of meekness; considering thyself, lest thou also be tempted.**—Galatians 6:1.

# Play Safe on Twine!

**T**HIS YEAR as ALWAYS, the careful man will put his faith in McCormick, Deering or International twine. In the past he has benefited to the full by this wise policy. He has the most practical reasons for playing safe with the old reliable twine. The man who relies on McCormick, Deering, or International is absolutely sure of QUALITY. Any saving he might possibly make in buying cheaper twines could easily be lost many times over in uncertain deliveries, faulty binding, grain wastage, and loss of time in the critical harvest days. He avoids risk and anxiety by buying twine that is guaranteed for length, strength, and weight.

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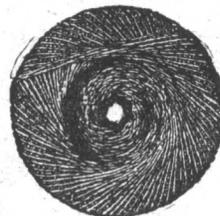
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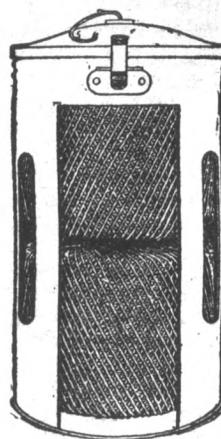
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# PIONEERING in MICHIGAN

By ED. C. ALLEN



(Continued from May 8th Issue)

FATHER at once recognized President Howard of the G. R. & I. railroad and was soon introduced to Governor Williams of Indiana, Mr. Morley and some other capitalists, who had been walking all day inspecting the construction. They said they were very tired and hungry, and at fathers regrets for what he had to offer them, they said what the boy was cooking smelled good to them and with his permission they would join him. In a few minutes those four great men were stooping before the fire, each had a slice of pork on a sharp stick, which he roasted over the fire and placed between slices of bread, declaring it the best sandwich they ever ate.

Soon after getting this camp into commission my brother Bill, and Henry Cummings joined us after fulfilling the requirements on the homestead, and were soon engaged on the railroad work.

I remember near this camp seeing a grade built over a small marsh or swamp that was all complete when the men quit work at night, but when they returned to work the next morning it had entirely disappeared, which retarded the work for a long time.

### When the Paymaster Came

Joseph Kilbourn became railroad paymaster when the construction work began at Kalamazoo. It seemed to be his work to come to camp about noon every payday and pay the men. I remember well how he would come with two leather satchels filled with new bills and "shin-plasters" as the paper money of small denominations was called at that time. It was made in 5c, 10c, 15c, 25c, 50c, and 75c pieces, and made a big showing.

As soon as the railroad was completed to the end of the twenty (now the town of Morley) our camp was moved ahead to Mack's Creek, which runs near the south side of what is now the town of Stanwood, but here in October, 1869, the railroad company suspended operations indefinitely, and father decided to move, with all his goods, to the homestead, as he had already let a contract to Philo Newberry to build a house of logs to be 18 feet wide by 24 feet long, and a story and a half high, to be completed by October 1st. Owing to the difficulty in getting horse feed here and the fact that cattle could live on browse, father traded his horses for oxen, and by hiring a couple of teams, our goods were loaded onto wagons, and we started for Section 36-20-10.

Our first night's stop was at Ben Ensley's, south of Big Rapids, the next day at noon we arrived in Big Rapids where it was found the snow had fallen so deep our wagons had to be exchanged for sleighs. Here, too, father added to his supply of provisions by purchasing from the Bevins Brothers 12 barrels of flour at \$16.00 per barrel; 2 barrels of beef at \$36.00 per barrel and 2 barrels of pork at \$40.00 per barrel. With this addition he thought his supply would last a year.

### Had to "Lighten Cargo"

That night we got as far as Crapa on the county line and stayed at the Osceola House, then kept by Frank Robbins, and the next day we reached the place where Reed City now stands. Here we got lodgings with a German farmer named Wm. Steig. He seemed very thrifty and gave us excellent accommodations for those days, but when we left Mr. Steig the next morning the road seemed to end, and all we had to follow was the blazed trail, streams must be forded and the teams had to wind their way around among the trees, and from here on we had to

### THE STORY TO DATE



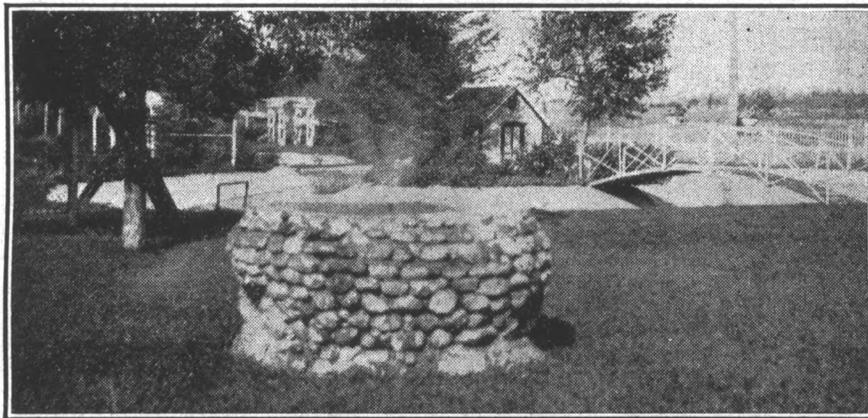
Ed. C. Allen

IN the opening installments of our new story the author told us something about his father, Stephen H. Allen, who was born in England but left home when a boy to travel about the world. He told of the meeting of his father and Miss Eliza Conway, who later became his wife, and of their settling in Chicago. After the Civil War they decided to move to Michigan and in the year of 1867 came to this state. Two years later they settled on the farm where the author now lives, near LeRoy in Osceola county. So far Mr. Allen has told about how they staked out their homestead and began to make the required improvements. That brings us up to the present installment.

"lighten cargo", rolling off barrels of meat, bales of blankets, a barrel of New Orleans molasses, a large hogshead packed full of dishes, and a lot of other heavy articles, and that night we reached the place where Dewigns is now located. Here Daniel McGovern had built a cabin and was living with his wife and two small children, and although Mr. McGovern was away from home that day, his wife, with the good pioneer spirit, soon provided accom-

modations for us and we were comfortable for the night. ly all the large packages were left where they were until a year later when father returned to resume his work. Our house was finished and we got all moved in before Christmas.

The snow became very deep but the work of clearing went on. As soon as a big tree was chopped down the limbs and brush were trimmed off and piled on fires kept going by adding more brush and limbs, so that by spring we had



On the front cover of our April 24th issue we published a picture of the buildings and front yard at Allendale. Here is another view of the front yard, showing its beauties from a different angle.

odations for us and we were comfortable for the night.

The next day we met a bachelor neighbor who told us our house was not finished, but handed father the key of his own house and said "Use it until your house is ready." His house being about two miles beyond our place made it that much farther to go, but we reached it about 5 p. m., making it five days and four nights on the road from Stanwood to this place. It is now made in less than two hours by auto.

We arrived at our destination and the next day the teams were returned home. It was decided to leave most of the goods we had to unload along the road where they lay for the winter, as a matter of fact near-

nearly two acres cleared and ready to plant.

### Seed Limited

Our seed was limited, potatoes and flowers being the most common. The potatoes, although of good quality, were of as many colors and shapes as the flowers. My mother loved flowers and her garden that year must have been her delight, as everything we planted made a wonderful growth and there were no weeds.

One night that summer at about ten o'clock, as we were about to retire, men's voices were heard and we saw the flicker of a candle being used to follow the blazed trees, then a yell, "We've found them," and then came the sound of surveyor's

chains and other implements being set down by our door and father was greeting his friends, the railroad engineers. One was Mr. M. M. Stimson, who was chief engineer, another W. B. Stimson, his cousin, then a young man only eighteen years old, who years later, was superintendent.

They had heard of our location that afternoon, and were five hours reaching our place, the last few miles by following the blazed trees, with the aid of a piece of tallow candle secured from one of the settlers. While they were eating supper they said they wished to stop with us a few days while they run a line to the Clam Lakes, it then being their intention to pass between these lakes.

A few days later when they were leaving mother asked Mr. Stimson how near the railroad would come and he said, "Right through the center of the house" then laughing, said the center of the homestead, which was true.

Father resumed his business that winter south of Big Rapids, and when the construction of the railroad got near here he built an addition to the house, dug a well and boarded the men while the railroad was being built across our place and beyond. He followed the construction of the railroad to near Petoskey, but some of the family always remained on the place. The stream of home seekers continued until all the available farming lands were taken. The men would go to the lumber camps to work winters, pine was the only kind of timber handled in those days. All the lumber camps would shut down when the snow melted in the spring and many of the poor "moss-backs" (as the early settlers were called) would learn the jobber they had worked for all winter had failed and could not pay his men. Some got a little stuff from the camp store, but many got nothing. This was a very common thing in those days.

I looked on the building of the G. R. and I. railroad through this section as a Godsend to the people. A land office was established at Grand Rapids for the sale of the railroad lands, and W. S. Howard, son of President Howard, was land commissioner. The farming lands offered at \$10.00 per acre and were sold off fast. The railroad company used wood burning engines, and bought 2 foot hardwood delivered any place along their tracks at \$1.00 per cord, paying cash every month.

The Swedish people came here at that time, being honest and thrifty, settled on these lands, many of them paying for their places by cutting railroad wood from the timber on them, while they also built fine homes without slashing down and destroying the fine trees just to make a clearing, as some of our "moss-back" friends were doing.

As an illustration, one Swedish farmer bought an eighty acres only a quarter of a mile from this place. From the south forty he got timber to pay for his land and build fine buildings thereon, not a tree was wasted; some were sold in logs for good returns. The other forty acres was kept from fire and only the ripe trees removed as they were needed. This timber forty acted as a wind-brake, protecting the ground in winter by holding the snow. He raised more crops on that forty than others who had burned up their soil when burning the heavy timber, could raise on eighty acres, and last winter his son sold the timber left on the place for just three times what his father had paid for the entire place.

(Continued in Issue of June 5)



Prof. C. G. Card

### MEET PROF. C. G. CARD, OF M. S. C., FOLKS

PROF. C. G. CARD, head of the Department of Poultry Husbandry, at the Michigan State College, is a Michigan boy. He was born in Hillsdale county, February 8th, 1892, and attended rural and village schools, graduating from Cambria high school in June 1909. From 1909 to 1911 he taught in rural schools. In the fall of 1911 he entered the Kalamazoo Normal and graduated two years later. He then became superintendent of the Gaines schools and after one year went to Barryton where he held the position as superintendent of the local high school for four years. Following that he was made county school commissioner of Mecosta county which was in the year of 1918 and he remained there until 1920 when he became director and instructor of Federal Vocational Guidance School at M. S. C. For three years he served in this capacity, carrying on the work at the College and earning his B. S. degree at the same time. In 1923 he was made Assistant Professor of Poultry Husbandry, one year later he became acting head of the department, and in 1925 became Professor of Poultry Husbandry.

## FRUIT and ORCHARD

Edited by HERBERT NAFZIGER

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

### ED McINTOSH GOES AFTER VINEGAR

I PUT some cider down cellar last fall but it ain't turned to vinegar yet, so t'other day my wife she gimme a jug and sent me over to John Sooter's folks to git some vinegar. When I got to the corner of their place, there by the big hick'ry tree, I noticed where John's had ben a-settin' out a young raws-berry patch. What I noticed most about it was the rows. Why gol all Friday, them rows was so crooked a snake would a broke his back atryin to foller 'em. Well I kept on a-goin' an pretty soon I met ol' John himself a-coming up the road, and o' course I joshed him considerable about them crookid rows. "Well," says John, "I couldn't help that. You see it was like this. I was a-markin' out the ground with a one hoss marker, right after a good shower; an' do you know, right after I finished the job the sun come out hot an' bright an' dried them marks so sudden that I'll be durned if it didn't warp 'em all outa shape."



Herbert Nafziger

Well I told John I says "That's too bad, but I come over to git a little vinegar," but John he says hes' sorry but they ain't got none either. "Nope," he says "our cider didn't turn to vinegar fast enough so me an' the boys we drunk it all up. Took the last jugful out to work with us last week Thursday mornin' an' had it all drunk up by 9 o'clock." "Well," I says, "that must a ben the day you marked out that raws-berry patch." John he studied a minute an' then he says, "Well, by gol! I believe it was."

### APPLE TREE DOESN'T BLOSSOM

Why should an apple tree blossom for several years and then not blossom for a year or two.—E. H., Jackson, Mich.

It is rather hard for us to tell just what is wrong with your apple tree without knowing more about the condition of the tree, etc., but judging from what you say we would assume that the tree is suffering from a lack of readily available nitrogen early in spring.

Three weeks before blossom time give the tree an application of 10 pounds of nitrate of soda. Sprinkle the fertilizer under the outer branches and leave it on top of the ground, to be washed in by the rain. This amount of fertilizer is for a large full-grown tree and for smaller trees should be reduced according to the size of the tree. If the tree is not making an excessive growth repeat this treatment every year.

### PLANTING MELONS

I want to ask some advice about preparing ground for watermelons and muskmellons. What kind of fertilizer to use, when to plant and how to care for same?—R. S., Mt. Pleasant, Mich.

SANDY loam soil and a warm, sunny location are the first essentials in melon growing. Give your land a good heavy application of manure during the winter or the early spring. As soon as you can get on the ground in the spring disk the manure into the ground and then plow the land. After the land is plowed it is a good practice to apply about 300 pounds of acid phosphate per acre, which should be dragged in. Keep the land dragged until planting time which should be when the danger of frost is over. Early varieties would probably be best for your part of the state. A melon patch must be kept thoroughly hoed and cultivated, but stay out of the patch when the plants are wet or you will spread the melon rust disease.

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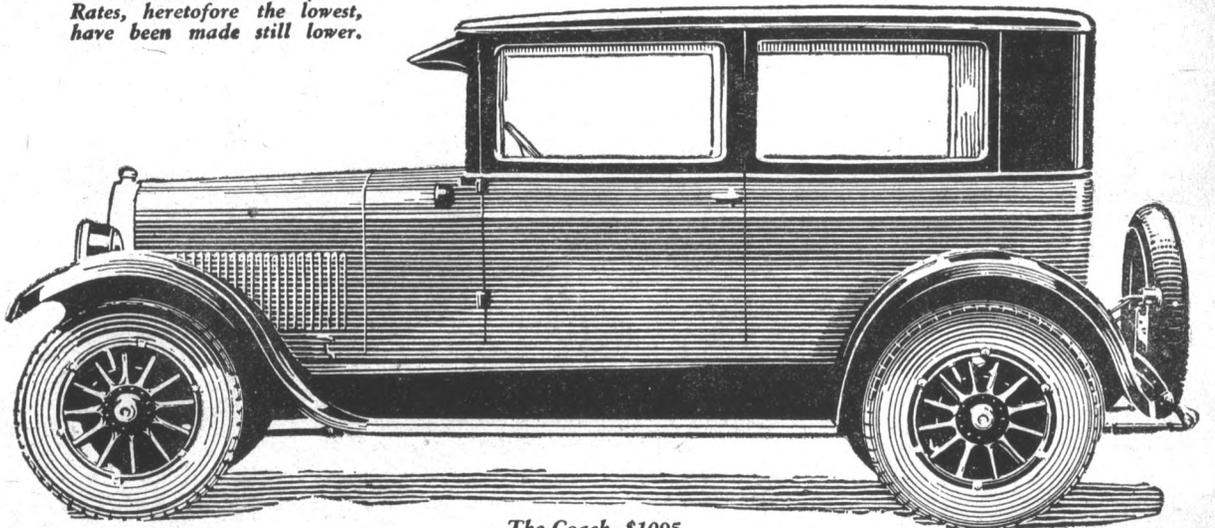
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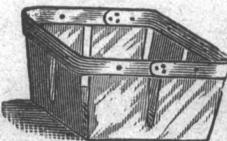
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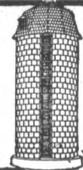
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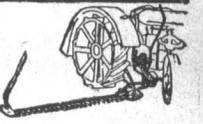
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# The Michigan BUSINESS FARMER

SATURDAY, MAY 22, 1926

Edited and Published by  
**THE RURAL PUBLISHING COMPANY, Inc.**  
GEORGE M. SLOCUM, President  
Mt. Clemens, Michigan

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Live Stock and Auction Sale Advertising: We offer special low rates to reputable breeders of live stock and poultry; write us.

## RELIABLE ADVERTISERS

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

"The Farm Paper of Service"

## WHEN IS A STATE FAIR FAIR?

IN discussing the Michigan State Fair and the opportunity which is afforded the new management for its improvement with a prominent breeder the other day we picked up an idea which may be worthy of some discussion in these columns.

This breeder claimed that in order to attract large exhibitors from outside the state of Michigan, concessions and promises were made which were not to the advantage of our own breeders.

Can this statement be true? If it is, then perhaps our Michigan breeder is right when he suggests that the premiums offered by the State Fair should be confined entirely to the best which our own state has to offer.

The county fair, he pointed out, should attract the best produce and animals produced in that county, then the best from each county, would be exhibited at the state fair and the blue ribbon winners at the state fair should then go to the International, where they would be in competition with the best of the country.

That sounds at first thought, like a practical suggestion, but we hesitate to pass judgment on its practicability until it has been fully discussed by those who are in a position to know the facts.

Obviously, those opposed to this plan will point out that bringing the best from other states helps to bring up the standard of our own state, but we wonder if this argument stands in face of the discouragement which must result from impossible competition, which perhaps Michigan breeders in some classes must face.

Should the Michigan State Fair confine its efforts to showing the best that this state has to offer or should it place in competition with our best, the products of other states? That is the question and we hope you who are most interested in it will make use of these columns in which to discuss it.

Of course, premium lists have already been compiled for the 1926 Fair and therefore no change in the policy could be contemplated for this year, but it is none too early to open the subject.

## VALUE OF FARM BUREAU

WE have before us a letter from a subscriber asking our advice as to what we think is the greatest value of the Farm Bureau to the farmer.

While the Farm Bureau during its existence has done much for the farmers in many different directions its greatest value has been the organizing of agriculture and getting the farmers to work collectively instead of individually. There are other farm organizations that have also done much along this line.

At this time we cannot recall any group of workers, except the farmers, who have not had their national organization or union for years, and it plays a most important part in their lives.

When we had a strike in the coal mining districts of the country last winter you will remember reading in the papers how the heads of the miners' unions met with the heads of the operators' organizations to try to settle matters. There were no self-appointed leaders with no authority calling conferences, it was the heads of their representative organizations that debated the

question. The miners have learned to think and act collectively, just the same as the operators.

The farmers are the least organized of any group in the country and were much worse off than they are now previous to the coming of the Farm Bureau. Whether you are a friend or a foe of the Farm Bureau, if you will review what has been done for agriculture during the last five years you must admit that some progress has been made through organization. It is a real job to take people who have worked and thought individually for centuries and bring them into an organization to cooperate together, but that is what the Farm Bureau and other farm organizations are accomplishing. True, it may look as though little has been done to date, but it is the first years of existence in getting such a movement under way that are the hardest. Like a stone rolling down hill, the farther it goes down the hill the more speed it attains.

Many mistakes have been made and many more will be made, without a doubt, but the idea is right and bound to win success in time. Progress is made through organization and the farmers must organize if they intend to make progress.

## FARMERS NOT RADICAL

IN our March 27th issue we published an editorial under the heading "Farmers Radical?" discussing the statement of the National Industrial Conference Board that the people should be greatly alarmed over a radical tendency among the farmers of this country. To us the idea was ridiculous and we so stated in our editorial. It is interesting to note that Sam H. Thompson, president of the American Farm Bureau Federation, in an article in the current issue of a national farm magazine takes the same point of view on this matter; in fact, he declares the farmer is the most conservative class in America.

The farmer never has and never will use the methods of a radical to get himself a square deal. That isn't his way of doing business. Why should this board try to get the public excited over nothing?

## CHICKEN THIEVES

WE have always had the chicken thief with us, and there are few farmers who have not suffered some loss through his operations, but until the last couple of years it has been a case of small losses and few attempted to do anything about it. Now the thief seems to have multiplied into a large band who are threatening the poultry business of Michigan with their extensive operations. By the use of automobile or truck they are able to take a large load of their plunder to a distant market and dispose of it, making detection difficult.

Down in Indiana the poultrymen have joined together and formed an organization to fight the chicken thieves by offering rewards for their capture. It seems that each member of the association signs a note for \$2 to be paid to the general organization to be used as a reward for the arrest and conviction of thieves caught stealing from members. The notes are not called for until the thief is caught and convicted. The asso-

## TEN COMMANDMENTS OF AGRICULTURE

By Dr. Seaman A. Knapp

1. Prepare a deep and thoroughly pulverized seed bed, well drained; break in the fall to the depth of 8, 10, or 12 inches according to the soil, with implements that will not bring too much of the subsoil to the surface. (The foregoing depth should be reached gradually).
2. Use seed of the best variety, intelligently selected and carefully stored.
3. In cultivated crops, give the rows and the plants in the rows a space suitable to the plant, the soil and the climate.
4. Use intensive tillage during the growing period of the crops.
5. Secure a high content of humus in the soil by the use of legumes, barnyard manure, farm refuse, and commercial fertilizers.
6. Carry out a systematic rotation.
7. Accomplish more work in a day by using more horse power and better implements.
8. Increase the farm stock to the extent of utilizing all the waste products and idle land of the farm.
9. Produce all the food required for the men and animals on the farm.
10. Keep an account of each farm product, in order to know from which the gain or loss arises.

ciation has a metal membership sign which is posted in a prominent place on the farm. Also the reward amounts to \$1,000 so any thief or band of thieves will hesitate about stealing from farms where this sign appears.

The poultrymen of Michigan should get busy on some kind of a plan to fight the chicken thieves in this state.

## "THEY COULDN'T BUY HIM"

IN nearly every story we read regarding the recent murder of Assistant State's Attorney William H. McSwiggin, of Illinois, by Chicago gangsters, there appeared the statement "They couldn't buy him."

When this young man became a public servant he took the oath of his office seriously, he believed that laws had been established to be obeyed and he, as an official, was duty bound to see that those who broke the laws were punished. His life was threatened many times but he did not change his course. Bribes amounting to thousands upon thousands of dollars were offered to him but—he couldn't be bought.

What a wonderful example for the officeholders of this country who shut their eyes to the Eighteenth Amendment and many other laws. There is something else in this world besides dollars and cents.

## MICHIGAN COWS ARE EFFICIENT

THE latest cow testing report issued by the Michigan State College contains some very interesting information and the most important is the fact that the records show that Michigan has greater herd efficiency than any other state. The records show that 813 herds out of 2,716 under test in the 108 associations averaged more than 300 pounds of butterfat to the cow during the year. The average production of 25,000 cows under test in these associations last year was 7,558 pounds of milk and 292 pounds of butterfat, which is double the output five years ago. The entire report appears elsewhere in this issue.

## GOOD BUSINESS

MICHIGAN invested a million dollars last year and got \$200,000,000 in return. The million dollars was spent in conserving, enhancing and increasing Michigan's attractions as a land in which to spend a vacation and in return, according to the Eastern Michigan Tourist Association, tourists left \$200,000,000 in the state. This was a mighty good investment, and we believe that this business deserves more attention than it is getting.

## FIFTEEN YEARS OLD

ACCORDING to evidence before the Senate committee on military affairs the average age of the horses in the United States army will be fifteen years at the end of next June. The army is now short of its requirements to the extent of 3,685 horses and 2,172 mules. So the committee added \$600,000 to the army's appropriation for the purpose of buying horses and mules. Uncle Sam's horses and mules are evidently like those of many farmers, getting near the end of their usefulness. It is time to raise some colts, not for army use but for farm work.

## CONGRATULATIONS

UNION county, Kentucky, deserves congratulations and all the publicity it will get by being the first county in the United States to discard utterly the scrub bull. That county, after a campaign lasting over five years, has now 146 pure-bred bulls and not a grade or a scrub. The county's record is good in another respect, for it stands third among the counties the farmers of which are using pure-bred sires of all kinds.

## A BURIED TALENT

IN 1806 a twenty dollar gold piece was put into the cornerstone of a certain church. If that building is demolished next year the church will have twenty dollars. But if that gold piece had been drawing interest at six per cent ever since it was put into the cornerstone the church would have next year \$40,960, on the principle that money at compound interest at that rate doubles in eleven years. All of which may remind some folks of a certain parable.

## COMING EVENTS

- June 4.—Annual Livestock Feeders' Day, Michigan State College, East Lansing, Mich.
- July 30.—Farmers' Day at Michigan State College, East Lansing, Mich.
- September 5 to 11.—Michigan State Fair, State Fair Grounds, Detroit, Mich.
- October 6 to 13.—National Dairy Show, State Fair Grounds, Detroit, Mich.

# PUBLISHERS' 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.)

### UNION MUTUAL CASUALTY COMPANY

Can you give me any information as to the reliability of the Union Mutual Casualty Company, of Des Moines, Iowa. They sent me a letter and enclosed a card asking for name, weight, age, name of beneficiary, income and bank reference. They send a policy for inspection.—Reader, Houghton Lake, Mich.

**W**E never heard of the company before receiving this letter, but the State Department of Insurance wrote us under date of May 7th that the Union Mutual Casualty Company, of Des Moines, Iowa, is not authorized to transact an insurance business in the state of Michigan; therefore, any contracts they enter into with citizens of this state are void and unenforceable in a Michigan court.

### ART COLLEGE FRAUD

**R**ECENTLY we received an inquiry regarding the Art College of LaPorte, Indiana, and the subscriber sent in all of the publicity matter for us to look it over. We had never heard of the "college" so we read most carefully the literature and learned that for the small sum of \$2 one would receive "No. 1 TRIAL OUTFIT of Shading Pen Instructions, consisting of Nos. 3 and 4 Shading Pens, Form D, Series No. 1 and 2 Copy Book, Form D 2, Text Sheets of Pen Work, Copies of 24 lessons in Shaded Alphabet, Shading Pen Ink, Form D 1 and 2, Return Text Sheet Blank for Inscription and correction of my 24 lessons by mail, Form K, Pupils' Registration Blank for organizing a 'Home Circle' in case I should want to, together with circulars and printed matter for distribution among my friends and acquaintances notifying them of my appointment as your Managing Member) and my Certificate of Membership in the Art College." Also one was to make a trial of first learning to use No. 3 and 4 shading pens under the system of instructions and guidance, with a view to continuing and engaging with the "Art College" permanently upon a salary or commission, as a home artist, teacher or agent as one might decide after completing the instruction.

That sounded like "some" bargain for \$2 and we tried to investigate further but our letter to the "College" was returned and written across the front of the envelop was "Fraudulent." So it seems that this "shading" business was rather "shady" all around.

### FEDERAL RESERVE INSURANCE COMPANY OF KANSAS

**S**O many inquiries have been received recently regarding the Federal Reserve Life Insurance Company of Kansas City, that we are inclined to believe that many of our readers failed to see the information we published regarding this company in our March 27th issue. This company is apparently flooding Michigan with its publicity matter regarding an accident insurance policy.

From what we are able to learn the company should be able to pay its claims but the policy issued is a limited policy due to the fact that

### The Collection Box

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

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

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

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

Report ending May 14, 1926.  
Total number of claims filed.....2816  
Amount involved.....\$28,977.60  
Total number of claims settled.....2340  
Amount secured.....\$26,792.94

the premium charge is very low; \$3.50 per year on \$1,000, according to their publicity matter. However, under date of March 13th, the State Department of Insurance advised us that this company is not authorized or licensed to transact an insurance business in the state of Michigan. Consequently, any business placed with them by Michigan residents is not valid and is unenforceable in the courts of this state. Don't throw away your money on such a policy.

### THE REAL ESTATE SALESMAN

I have a bunch of papers on hand from "The Real Estate Salesman" of Lincoln, Nebraska, which I consider bunk, and will forward them to you so you can keep other suckers from biting. I sent them \$5 two years ago, they sent me a list of 500 agents which I destroyed, and I have never heard from them since, although I have noticed in several different papers that they are still advertising for customers. I would like your opinion on them.—J. D., Arenac County.

**T**HE Real Estate Salesman, of Lincoln, Nebraska, is a new company to us but their scheme of operation is an old one that has been exposed many times through our columns. Their business and methods of carrying it on seem to be the same as Warren McRae, D. F. Bush, O. K. Hawley, and others.

In their advertising they state they wish to get in touch with owners of farms for sale, then if you answer their ad you will find that they want you to list your farm in their "bulletin" or "catalogue" for a sum of from \$2 to \$10, so they can sell it for you. If you fail to respond to their first offer which is about \$10 they will follow with other letters offering special rates until they get down to a dollar or two, because—well, a dollar is better than nothing for your trouble, you know.

As for any farms being sold in this way, we have yet to learn of any, and we have a standing offer that we will run an advertisement free of all charges at the head of this department to any so-called real estate agent who can prove that he has satisfied one out of every hundred persons from whom a listing fee was taken. So far we have not been called upon to make good our offer.

### HAMILTON MOTORS AND APEX MOTOR TRUCK

Can you give me any information regarding the Hamilton Motors Corporation, of Grand Haven? What is stock worth?—Reader, Wayne County.

**T**HE Hamilton Motors Corporation and successor corporations, the Apex Motor Truck Company and the Panhard Motor Truck Company, of Grand Haven, Michigan, discontinued operations about five years ago, and the affairs of the company were liquidated. The assets taken over by the bank to satisfy loans for about \$80,000 make by the bank to the company included the factory building which has since been sold to the Hayes Products Company of Grand Haven, now operating there.

At first the company was quite successful, doing a large export business, but when the foreign countries ceased taking American goods a great many trucks shipped to various foreign ports were returned to them, thus bringing about the disaster. Needless to say, the stock is absolutely worthless.

Received check for \$35.10 from the \_\_\_\_\_ company so am writing to let you know. This letter was mailed March 30th but owing to the storm have not had our mail so did not receive it until April 5th. Many thanks to you for getting it for us, as we could not even get a reply from them. You sure are doing a good work for the farmers, as they get cheated enough without getting beat out of their crops entirely. You may be sure we are through dealing with that company.—D. K., Iosco County.

## First Mortgage Real Estate Bonds



Current issue now being offered  
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Detroit, Michigan

Producing the highest rate of interest compatible with the strictest standards of safety, the bonds we recommend are protected at all times and in every detail by the constant vigilance of our investment service.

### 6% & 6 1/2%

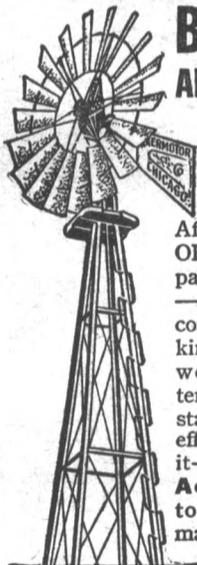
Normal Federal Income Tax Up to 1 1/2%  
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## MUSH AND MILK FOR SUPPER

By Anne Campbell

Mush and milk for supper,  
Used to have it lots;  
Mush and milk for supper  
For the little tots!

Ate it in the kitchen  
From a bowl of blue,  
An' its taste bewitchin'  
Satisfied us, too.

Starchy gingham curtain,  
Posies rich and red,  
Clock that told for certain  
Time to go to bed.

Sunbeams now a dyin'  
Through the winder pane,  
Shone upon us, sighin'  
That the day must wane.

Happy days of childhood,  
Sunny lanes and streams,  
Fields and ferny wildwoods,  
Clear and lovely dreams!

Simple ways to wander,  
Simple paths to take,  
Simple truths to ponder  
For our mother's sake!

Mush and milk for supper,  
Simple fare and plain—  
Mush and milk for supper  
Bring those days again!

(Copyright, 1926.)

## EARNING PIN MONEY

I SEE you would like to have us farm women tell of ways we make pin money. This is the way I do. I have a 250-egg incubator, so early in the spring I set this. I usually get about 150 good healthy chicks, sometimes more, and I sell these day old chicks for \$15.00 per hundred. Also I do custom hatching. I get five cents per egg and the customer furnishes their own eggs. Along about this time my hens get broody and I set enough hens to hatch about 100 chicks for myself. I also make quite a large garden so that I have quite a few vegetables to sell such as early pickling beets, tomatoes, cabbages, sweet corn, squash and pumpkin. Also find a quick sale for melons. I have a blackboard out in front of our place and I write on that whatever I have to sell and so generally sell right at the door. I never try to see how much I can get out of a customer. I ask a reasonable price and have no trouble in getting rid of all my surplus vegetables.

I also have Guineas that take care of themselves and I realize quite a little out of them. This year we raised a few ducks too and I keep a flock of turkeys. We had in a half acre of stringless string beans this past year. There is also good money in them. It is hard work to pick them, but we farm women are used to that.

I invested my day old chick money into a couple of yearling calves last spring and expect to make good interest on that money.

It seems to me there are so many ways we women can earn extra money, if we only look around us and seize the opportunity, and not be afraid of what someone else will think. I have a friend who cans fruit and vegetables for her city relatives and friends for which they pay her a good price and still another woman I know takes summer boarders. She has a large house. So there are many ways if we are really in earnest about it to make extra money. I hope these few suggestions may help someone.—A Busy Farmer's Wife, Fremont, Michigan.

## PREVENTING GOITER BY EATING FISH

GREATER use of fish as a means of preventing goiter, is recommended by Marie C. Doermann, foods specialist at the New Jersey College of Agriculture.

In countries where fish is eaten in abundance goiter is very rare, and in the sections of the United States where fish is used generously the same holds true. In the inland sections of the United States known as the "goiter belt", where fish is a rare article of diet, goiter is very common.

Goiter is believed to be caused by a lack of iodine in the body. This mineral substance, together with all the others which the body requires, must be supplied in the food we eat.

Salt-water fish are especially rich in iodine. The use of more fish in the meals of the average family would be beneficial in many respects. Because of the ease with

The Farm Home  
A Department for the Women

Edited by MRS. ANNIE TAYLOR

**DEAR FOLKS:** Memorial Day—not many among us, who do not cherish memories of some one very dear. Until two years ago my family circle was unbroken, so some time the day comes when Memorial Day has a different meaning to us than being a National holiday, set apart in memory of those who died for our country.

But the question is, how are we facing these trials which come to us? When we open our hearts to the Savior and remember that sorrow is not sent to consume us, "but our gold to refine," we can ask ourselves, who am I that I should not know the full meaning of Memorial Day, when God's own Son was not spared.

There is so much in the world about us which speaks of cheer and beauty at this time of the year, that it only remains for us to "tune-in" and find the comfort and hope which we are seeking.

Again, we must live for those who are left—not those who have gone beyond. Perhaps there are a few whose family circle has narrowed down until only one remains. This is a situation which requires real courage; when one can speak a cheery word of greeting with a smile thrown in after being left alone, to finish Life's journey, they have learned the meaning of courage. It takes nothing less to do this.

Then there are always the children—some one else's if not our own. Nothing is so worthwhile as a human life; we can always find sunshine in just what measure we interest ourselves in their affairs.

So "Count your blessings, name them one by one."

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

Your Friend,  
Mrs. Annie Taylor

which the average fish is assimilated by the body, fish is especially recommended for people who are not doing hard physical work.

The markets offer a great variety of fish from which the housewife may choose, and in that way add a pleasing variety to the meals. Mackerel, sole, haddock, cod, halibut, and similar varieties are economical.

Because fish are one of the most common sources of ptomaine poisoning, the greatest care must be used in their selection and care. Fresh fish have bright red gills; clear, open eyes; firm flesh—not flabby. If the scales are dull and come off easily, reject the fish. Frozen fish are put in the freezers fresh and are frozen so quickly there is no chance for decomposition. Thaw fish by placing them in cold water until all the frost is removed, then cook as fresh fish. Serve vegetables generously with fish—carrots, onions, celery, tomatoes—the highly flavored and tart ones are best with fish which are bland in flavor.

## TO CLEAN SILVERWARE

**TARNISHED** silverware may be cleaned by the following method: Place the silverware in an aluminum pan and estimate the amount of water needed to cover it. Sprinkle equal parts of salt and soda over the silverware at the rate of one tablespoonful to each quart of water to be used. Pour boiling water over the silverware until it is entirely covered. If it is badly tarnished, put the pan on the stove and boil the solution three to five minutes. The tarnish will leave the silverware and go to the aluminum. When this electrolysis has been completed, remove the silverware from the pan, wash and rinse it, and dry

it with a soft cloth. The aluminum pan may be cleaned by cooking some fruit such as rhubarb in it.

## KEEPING THE YOUNG FOLKS ON THE FARM

**DEAR** Mrs. Taylor: I do enjoy the M. B. F. It is very interesting to read about the older people. We enjoy the article by Mr. Ed Allen. We always like those sermons, all the very best, and the home department I always read first. I like to read the children's letters. I was always interested in children and their ways.

Now in regard to keeping the children on the farm, just keep them interested and be companions to them. Talk up your business and don't ever allow yourself to run down the business you are in.—Mrs. B., Livingston County.

## TAKEN FOR GRANTED

**ONE** of the little peculiarities of life today is the number of things which are taken for granted by the modern generation. It is taken for granted that somebody will find a substitute for gasoline when the supply runs out; that somebody will observe the "plant-a-tree" movement and keep the country from being a treeless nation; and that everybody will sometime get tired of a treeless nation; and that everybody will sometime get tired of so-called "weeks" and days. But one fact always sticks in the minds of the members of the household, and it is well that this is so. It is this: That the home is the place to go when one gets in trouble. This is not true without exception, but it is eternally to the credit of American parenthood that it is so in the majority of cases, and it is

## Do Not Provoke Jealousy in Child

**"DON'T** laugh at the jealous child," advise child training specialists at the state college of home economics at Ithaca, N. Y. "The child's emotions are too delicate to be played with and unless steps are taken to help him to overcome his jealousy, it may grow until it is impossible for him to live or work comfortably with any group.

"No child likes to play 'second fiddle' to a new baby or to a more attractive brother, sister, or playmate. Unless he is made to feel that he is equally important he may develop in either of two ways which are bad for him. He may develop a feeling of bitterness and inferiority, or he may develop a boastful, domineering attitude in an effort to control the situation and preserve his self respect.

"Unfavorable comparison with other children is one of the surest ways to make a child jealous. When

he feels that another child is cleverer, stronger, or superior in some way, his own talents should be developed consciously so that he can have the satisfaction of success in some other line.

"Jealousy of a new baby in the family may be prevented if the older child is shown that he still retains the attention and love of the older members of the family. He can be given a sense of responsibility toward the baby and the importance which he feels as a result of this will frequently overcome any jealousy.

"The jealous child is always sensitive to unpopularity among his playmates. If he sees that there is cause for his unpopularity, his sensitiveness increases. A definite effort should be made to help him overcome the difficulty so that he may be made agreeable both to himself and to others."

eternally the responsibility of American parenthood that it shall always be so. Mothers and fathers have many burdens loaded on their shoulders, and this should be at once the heaviest and most pleasant of any to bear.

## BEAUTY AND THE KITCHEN SINK

**BEAUTY** is more than skin deep whether it is in people, furniture or kitchen sinks. A gleaming white porcelain sink is good to look at, but if the drain is clogged with grease it is not pleasant to use. Thorough flushing with hot water after each dish washing helps to keep it odorless and clean, but more drastic measures are necessary now and then. To clear the pipe drain, pour into it a gallon of boiling water to warm the pipe, then follow it with a cupful of kerosene. This forms an emulsion with the grease in the pipe. After five or ten minutes, flush the drain with another gallon of boiling water and the deed is done. To keep the sink as it should be, never pour grease into it, and dispose of particles of food in the garbage can, not the sink drain.

## Personal Column

**Care of Cactus.**—I would like to know how to care for Christmas Cactus. I have one six years old and every November it has a bud on every leaf and when they are about one inch long they drop off. Probably one or two coming to full bloom. I keep it growing in the living room the year around and keep it well watered. It grows real fast and real tall like a tree branching out. Could you give me something so all the buds would bloom?—Mrs. E., Kalamazoo, Michigan.

**The Dropping of flowers** is due to one of several conditions in the house—too dry an atmosphere, insufficient light and presence of coal gas. Bringing the plant close to the window, straying it daily with water and the use of bone meal sprinkled upon the surface of the soil will produce more flowers.—Alex Laurie, Floriculture, M. S. C.

**Fly On Plant.**—I would like some information concerning house plants. There is a tiny white-winged insect which lives on the under side of the leaves and if left a while cover said parts with white eggs nearly as large as themselves. The leaves soon turn yellow and drop and the plant in general does not thrive. Please write me how to get rid of them as I value the plants.—Mrs. H. L., Romeo, Michigan.

**These insects** are impervious to any treatment short of hydrocyanic gas fumigation. This is an extremely poisonous substance and can only be used by experienced persons. It would be wise to have a florist near by take care of the plant.—Alex Laurie, Floriculture, M. S. C.

## —if you are well bred!

**Putting on the Ring at Wedding.**—At the proper point in the service, the best man, custodian of the ring draws it from his pocket—not to have it ready when the moment comes is the offence unpardonable—and hands it to the bridegroom. Then the bride (who has either removed her glove or ripped the third finger underseam so that it will slip on easily), holds out her hand and the bridegroom puts the ring on her finger. The couple kneel in prayer and rise—married.

## The Runner's Bible

**Thy will be done, as in heaven, so on earth.**—Matt. 6:10.

You, not of the flesh, but the real, spiritual, eternal You, have a distinct place in the divine economy, and were created for a special purpose. This being the case, you can readily understand that it is of the utmost importance that God's will shall be done concerning you, and that nothing else of comparable consequence.

## For the Movie Fan

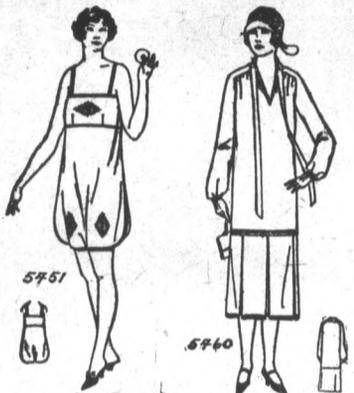
**The New Klondike.**—If you have read with interest information about Florida real estate you want to see Thomas Meighan in his latest picture, "The New Klondike." He is a ball player and the team goes to a Florida town for spring training. He gets into the real estate game, makes a pile of money and then takes the rest of the team into the company he forms. His enemies plan his downfall and they trick him into paying a big price for a worthless piece of property. He then turns the tables by selling it back at a profit. The picture gives one a good idea of the methods used to sell property down there, although they are colored up quite a bit in the picture. Yes, there is a girl in the story. It's Lila Lee.

**AIDS TO GOOD DRESSING**



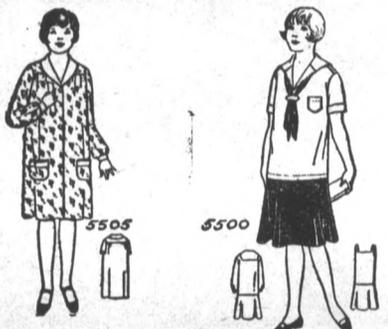
**5459. Ladies' Dress.**—Cut in 6 Sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38 inch size made as illustrated will require 1/2 yard of lace 40 inches wide, 1/4 yard of satin for collar, and 3 1/2 yards of metal cloth or chiffon and 2 yards of ribbon for tie strings. The width of the skirt at the lower edge is 2 yards.

**5478. One Piece Dress.**—This style has slenderizing lines and is becoming to youthful and to mature figures. Gingham with linen would be fine for this, or rayon with binding in a contrasting color. Taffeta too will be attractive for this style. The Pattern is cut in 8 Sizes: 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure. A 38 inch size requires 6 1/2 yards of 32 inch material. The width at the foot of the dress is 2 1/2 yards.



**5460. "Jumper" Dress.**—Taffeta, rayon silk, linen or crepe could be used for this model. The sleeve has the popular and comfortable "saddle" shoulder. This design is cut in 7 Sizes: 34, 36, 38, 40, 42, 44 and 46 inches bust measure. A 38 inch size requires 4 1/2 yards of 54 inch material, together with 1/2 yard of contrasting material for revers facing, cuffs and facings on blouse and skirt edges as illustrated. The width of the skirt at the foot with plait extended is 2 yards.

**5451. Ladies' Combination.**—Cut in 4 Sizes: Small, 34-36; Medium, 38-40; Large, 42-44; Extra Large, 46-48 inches bust measure. A Medium size requires 2 1/2 yards of 36 inch material.



**5505. Girls' Smock.**—Cut in 5 Sizes: 6, 8, 10, 12 and 14 years. A 12 year size if made as shown in the large view will require 3 1/2 yards of figured material and 1/4 yard of plain material 36 inches wide. If made with short sleeves 3 yards of figured material will be required.

**5500. Girls' Middy Dress.**—Cut in 6 Sizes: 6, 8, 10, 12, 14 and 16 years. To make this "Uniform" for a 12 year size, with short sleeves, will require 1 yard of 36 inch lining for the Underbody 1 1/2 yard of 54 inch material for the Skirt and 2 yards of material 36 inches wide for the Blouse. If the Blouse is made with long sleeves 2 1/2 yards will be required.



**5471. Child's Pantry Dress.**—Cut in 4 Sizes: 2, 4, 6 and 8 years. A 6 year size requires 2 1/2 yards of figured material and 1/4 yard of plain 36 inches wide, if made as illustrated in the large view if made with long sleeves 2 1/2 yards of figured material is required.

**5470. For Small Boys or Girls.**—Gingham, kindergarten cloth, Indian head, jersey of linen could be used for this model. The Pattern is cut in 4 Sizes: 2, 3, 4 and 5 years. A 3 year size requires 1 1/2 yard of 36 inch material, together with 1/4 yard of contrasting material for facings for neck, front and sleeves and for pockets and their facing.

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**Recipes**

**Brown Potato Balls.**—Peel and boil potatoes. Mash, add the seasoning, a level tablespoon of butter, a half teaspoon of salt and dash of pepper to two cups of potato. Mix the mixture until fine grained and creamy. Form into balls. Dip in well beaten egg. Roll in bread crumbs and fry in deep fat until brown. Serve hot. The potato is easier to handle if it is stiff when made into balls.

There are a number of variations of this recipe. Two tablespoons of thick cream may be used in place of the butter. Parsley or celery leaves may be chopped very fine and added at the rate of two level teaspoons to two cups of potato. Onion may be used in the same way. The Spanish onion is the best because it is of mild flavor; add it at the rate of level tablespoon to a cup of potato.

Finely grated American cheese will give a different flavor and crushed peanuts may also be used, a tablespoon of either to a cup of potato.

**Yeast Bread, Quick Method.**—Two cakes compressed yeast, three and one-half quarts flour, 1 quart lukewarm water, two teaspoonfuls salt, two tablespoonfuls sugar, one tablespoonful (heaping) lard or butter. Dissolve the yeast in half the water, and the sugar and salt in the other half. Mix thoroughly the water containing the yeast, sugar and salt, and add to it three quarts of flour. Work in the lard and make a moderately stiff dough. Knead about ten minutes, then cover and set to rise in a warm place free from drafts. When light, which will be in two or two and one-half hours, make into loaves (small ones are preferable) put into well-greased pans to rise again. In forty-five minutes your bread will be ready to bake. The whole process requires only four hours, and does away with the sponge, which makes bread-baking such a task. The extra pint of flour is used to flour the board in kneading. Half the quantity can be made by using one cake of yeast.

**Rhubarb Conserve.**—3 pounds rhubarb, 3 oranges, 3 pounds sugar, 1/2 pound walnuts, 1 pound raisins, 1 cup water.

**Coffee Bread.**—A recipe for German coffee bread or Kuchen. The proper or right way is to use scalded sweet milk for liquid and butter for shortening. I use nice light bread dough mixing some shortening into it when putting it into the bake tins as you would for raised biscuits using some sweet shortening, no butter and it is good. Roll or press dough into one-half inch sheet. Put in greased bake pan, spread top with softened butter, then sprinkle over top the following mixture: Two parts flour, three parts sugar, a liberal seasoning of cinnamon, rub or mix butter into this until it is crumbly, then sprinkle over top of greased dough. Drop bits of butter over top. Let raise, then bake usually from twenty to thirty minutes until done.

**Suet Pudding.**—Suet chopped fine, raisins chopped, syrup and sour milk each one cup. Soda two even teaspoonful, flour enough to form a stiff batter. Pour into a basin and steam 1 1/2 hours. Keep the water boiling and keep the cover on tight. This recipe is from Dr. Chase's recipe book. The original calls for 1/2 cup of currants but it is better without to suit me.

**Pudding Sauce.**—Butter, one tablespoon; flour, two tablespoons; sugar, 1/2 cup; one pint boiling water. Let boil and after it cools a little add one teaspoon lemon extract.

**Johnny Cake.**—Two cups milk, not very sour, two cups corn meal; one cup flour; salt, 1/2 teaspoon; soda, one teaspoon; sugar, three tablespoons; shortening, one tablespoon. Bake in low tin or pan.

**White Cookies.**—One cup sugar, one-half cup shortening, one-half cup sour milk, a scant teaspoon soda; mix firm like biscuit, add a little nutmeg and salt. I have used this recipe over forty years.—Mrs. J. B., Livingston County.

**Homespun Yarn**

Sunshine and fresh air are the best remedies for musty odors.

A little lemon juice helps to bring out the flavor of dried fruits.

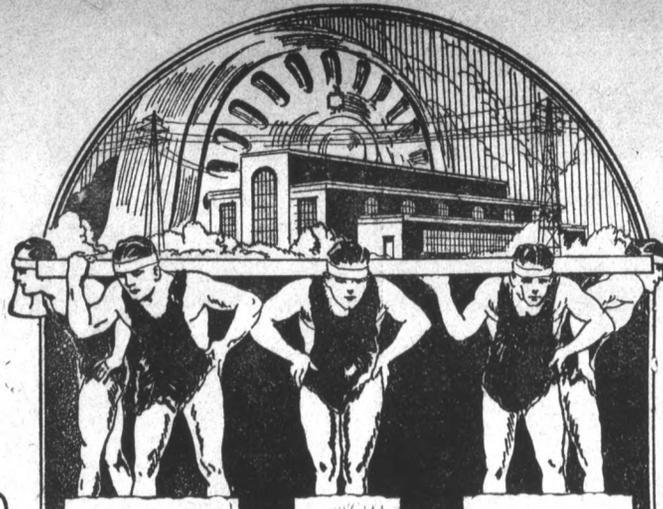
Remove white water marks from varnished furniture by rubbing them with a light machine oil.

Aunt Ada's Axioms: True modesty is rare; many people fail to recognize it when they see it.

The attitude toward the work makes all the difference in the world between the pleasure and the drudgery of house-work.

If Johnny doesn't like to drink all of his quart of milk a day, give a part of it to him in custards, cream soups, and creamed vegetables, or cooked in cereals.

Mayonnaise which has "cracked" may still be used if it is added slowly to a fresh emulsion made from an egg yolk and a small quantity of oil.



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**DEAR** girls and boys: It must be that our last "What's Wrong in This Picture?" contest was a real hard one because out of the hundreds of letters we received there was only one that contained a complete list of the mistakes. This letter was written by Miss Neva Rice, of Hartford, and the first prize of \$3 was sent to her. Here is a complete list of the mistakes:

Word "the" misspelled on show sign; cent sign misplaced on ticket booth; ticket seller using wrong end of megaphone; flags blowing in opposite directions; peddler has banana sign but is selling apples; peddler has six fingers on one hand; one bunch of balloons is not fastened; man in distance has one short and one long pants leg; man in foreground smoking pipe and cigar at same time; man in foreground has cap on backwards; rope should not be across entrance; stripes on man's pant legs do not run in the same directions; flower does not have two different kinds of leaves; owl does not come out in daytime; apple peddler has only half a mustache.

Do you remember how many of these mistakes you found?

Our latest contest is one on poetry and, as I write this it has still two days to run, so I cannot announce the winners in this issue but their names will appear in the June 5th issue. Also in that issue I would like to announce another contest and wish you would write me telling just what kind of a contest you want next. You tell me what it shall be and I will do my very best to comply with your wishes. Send in your suggestions.—**UNCLE NED.**

**Our Boys and Girls**

**Dear Uncle Ned:**—I received your letter and decided to describe a pleasure and health seeking trip to the north.

One day in July, 1924, we prepared for a huckleberry picking trip and packed clothes and food and left for Howard City. We visited relatives for three days and, as they had a large family we slept in our Dodge and enjoyed (?) several electrical storms. We then went on to Ewart and visited an uncle, leaving there in the evening.

On a lonely road near Marion we made camp and while mother and father were getting us a lunch we were surprised by some highway men, of course, we children wanted to move on. We drove to McBain where mother was well acquainted and daddy thought we were back to Stanton but we soon found out we were near our destination and drove on toward Cadillac where we stopped until morning. We had some business there which kept us until noon when we started east toward Houghton Lake country. We stopped in Lake City, where we saw one of daddy's brothers for a short time then went on to where two more of his brothers live, to pick berries.

While picking berries here a car came up with four men who claimed they were State Police and were looking for a man that was killed in there and robbed of \$5,000. We were a trifle cautious as they looked more like murderers than police.

We then went to visit an aunt and uncle and from there we went to Lake City and visited daddy's brother. Then we went to Cadillac and visited. From there we went to Big Rapids and home. By our trip Daddy regained his health. I am your niece, Constance Wiggins, R2, Belding, Michigan.

—You surely had quite a trip, Constance, and plenty of excitement. Do you suppose you will ever care to take another one similar to it?

**Dear Uncle Ned:**—I have written to you once before, but not seeing my letter in print I thought I would write again.

I will tell you of the books I have read. They are: Little Women, Robinson Crusoe, Anderson's Fairy Tales, Alice in Wonderland, Treasure Island, Hans Brinker, Tom Sawyer, Adventures of Robin Hood, Child's Garden of Verses, Huckleberry Finn, The Little Lame Prince, Gulliver's Travels, and Adventures of Odysseus. I love to read books and stories. I have read lots of Horatio Alger's books.

I am in the seventh grade at school and we have a very good teacher. Her name is Miss Sprau.

I have eight brothers and I am the only girl in our family. The other day at school we had to write a poem for English. The two best poems were to be published in the Tustin Times. The name of mine was "Our Girls' Baseball Team." Mine and Stanley Johnson's (a

boy in my grade) were to be published.

Well, I will close with two riddles. If a hen and a half lays an egg and a half, how much does a pound of cheese weigh? Two Hebrews, one German, and a colored man were walking along the street with snow two feet deep. What time is it? Who ever answers these correctly will receive a letter from me. Your loving niece.—**Frances Byers, Tustin, Michigan.**

—You are quite a reader, Frances, and I hope your interest in good books ever increases. Now as to your poems—why do you not send in some for the Children's Hour?

**Dear Uncle Ned:**—This is the first time I have written you, but I guess you will have room for me. Well I will describe myself. I am five feet and three inches tall and am fifteen years old and in the seventh grade. I have three brothers and one sister. My father is dead and I am staying with my grandparents. We take the M. B. F. and enjoy it very much, and I especially enjoy the Children's Hour. I would like very much to join your club and would like to hear from some of the cousins. Well, I will close, hoping that the waste basket is full and running over. Your niece, Violet Mitchell, L. B. 107, Frankfort, Michigan.

—Yes, I think we can find space for your short letter. Drop in again.

**Dear Uncle Ned:**—I enjoy reading the Children's Hour very much. Perhaps you would be interested to know that I am a sophomore in the Lincoln Consolidated school near Ypsilanti. As our school was burned in December we are being transported to Ypsilanti in our school busses to share the Roosevelt High School with the pupils who attend there. Although we are in the same building we have our Lincoln teachers and our regular school system. We are eagerly awaiting next fall when a bigger and better building is to be completed. This new building is to be fireproof, too. We are very proud of this school and our five teachers you may be sure. We are also proud of our fine forty-seven piece band, which was organized and is directed by our agricultural teacher.

This is the first time I have written and I think I had better close as my letter is long enough now. Your new friend.—**Madelly Clarissa Staebler, Route 1, Box 37, Willis, Michigan.**

—Will you write and tell us more about your school? I am sure most of the children would be interested in reading about it—and I know I would be.

**Dear Uncle Ned:**—I am going to write to the children's page once. This is the first time I have written to it and if I see my letter in print on the children's page I may write again.

Uncle Ned, would you like to live on a farm? I live on a forty-acre farm and I am going to tell you about the good times I have on the farm. There are lots of birds around my home, many different kinds. I have one pet and that is a cat. I like it very much. On our farm we have about one hundred chickens, two horses, two cows and two calves. Won't you be glad when spring comes? I will. In the spring and summer we have good times. We go after flowers, I like to go in the woods and hunt flowers.

I wrote to Jeanette Olson but have not heard from her but I think she will answer my letter later.

I think now I must tell something about myself. I weigh eighty-five pounds and have long hair. I have two brothers named Charlie, Jr., and Howard and two sisters named Mary and Marion. I am eleven years old and in the seventh grade. I go to the Hoyer School and have a very fine teacher. Her name is Miss Grace Brink. She lives at Hamilton, Michigan. We take the M. B. F. and I like it very much. Most always I read the children's page first. Well I must close and let someone else have room. Will some of the cousins write to me?—**Dorothy Skinner, R3, Hopkins, Mich.**

—Yes, I would like to live on the farm. I lived on a farm for a great number of years and expect someday to go back to it to spend the remainder of my days day dreaming about all of the boys and girls who have written to me. But that time is a long ways off yet.

**Dear Uncle Ned:**—May I come in again? I wrote a letter once before and it was in print, so I thought I would try again. I received the pen which you sent and many thanks for it because it comes in handy. I did not expect I would win any of the prizes but was glad to hear from you.

It has been a long time since I wrote last so I will describe myself again. I am five feet, six inches tall, brown hair and blue eyes. I am fifteen years old. For pets I have four pigeons and one dog named Chum. I will leave room for some one else's letter, so will close. Hoping to hear from some of the cousins, your nephew.—**Ernst Corwin, Box 24, Grayling, Michigan.**

—Glad to have you write again, Ernest.

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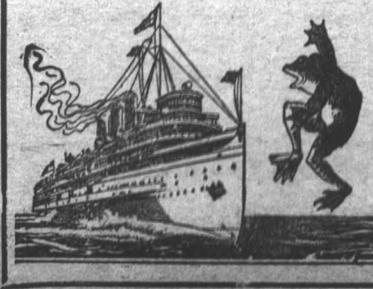


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REGISTERED BABY BEEF TYPE HEREFORD bulls for sale. Several who came for young bulls last year were disappointed. We now have five fine young bulls that will surely suit you. Sired by Sheet Anchor 1191090, rated the best baby-beef type bull in Michigan. WATKINS FARMS, Manchester, Michigan. L. Whitney Watkins, Proprietor.

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Good quality, dark reds, dehorned well marked Hereford steers. Good stocker order. The beef type are usually market toppers when finished. Will sell your choice from any bunch. V. V. BALDWIN, Etdon, Wapello Co. Iowa.

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DAIRY AND LIVESTOCK

(Questions answered free of charge)

REPORT ON COW TESTING

DURING the month of March reports were received from 84 Michigan Cow Testing Associations. More than 23,000 cows were tested in the 2,115 herds owned by the members of these Associations. A summary of all of the reports shows that 2,961 cows made more than 40 pounds of butter-fat for the month of March; while 1,527 cows produced above 50 pounds butterfat. An interesting item showing that the work of the Cow Testing Association is continuous and is not a short time proposition is found in the number of unprofitable cows sold out of the Associations during March. The average Michigan Association tests about 290 cows while in March alone more than 320 cows were sold as unprofitable animals. Thus it could be said that the entire cow population of one of the 108 Michigan Cow Testing Associations was sold for beef during March.

Feed shortages are becoming acute in many sections. A new testing association, reporting for the first time, shows that seventeen herds were losing money and that the majority of the dairymen were low in feeds. Springtime will thus be welcomed by all. It will be especially welcomed by the dairymen in that it helps reduce the labor about the barn and the cows will respond also because of the improvement and change in the feed. Dairymen should be particular, however, regarding turning their cows out on pasture too early. The first growth of pasture grass is exceedingly heavy in water content. More than 75% of the weight of pasture grass is water and for this reason a great abundance of grass is needed to satisfy the maintenance and milk production requirements of the dairy cow. The pasture itself also suffers severely when cows are turned onto the pasture too early.

During March the highest producing two year old was a purebred Holstein owned by the Michigan Farm Colony at Wahjamega, Michigan, members of the Tuscola No. 1 C. T. A. A purebred Jersey. Owned by J. M. Landis of the Hillsdale No. 2 Association, was second in this age class for all cows under test in Michigan.

E. W. Fenton, member of the Macomb No. 2, owned the highest three year old. His cow produced 100.49 pounds of butterfat under four times a day milking and was retested under official testing supervision. This cow was a purebred Holstein.

A purebred Jersey, four years old, owned by Black & Nieuwsma, members in the Newaygo County C. T. A., oldest in the U. S. A., was the highest producing four year old. This cow, under retest and three time a day milking, produced 87.47 pounds of butterfat.

H. B. McMurray had the two highest producing cows in the mature age class; both of these purebred Holstein cows were retested. Mr. McMurray is a member of the Kalamazoo No. 2 C. T. A.—Dairy Extension Division, Michigan State College.

THINKS CHARLES POST HAS EXTRAORDINARY LAMB

DEAR EDITOR: I see in your paper that Charles Post has a lamb 60 days old that weighs 90 pounds. He certainly has an extraordinary lamb. I have raised lambs that when 60 days old weighed 50 pounds and at four months weighed 90 pounds, and I thought that extra good. Of course, that was without extra care.—F. M. Buckingham, Seneca County, Ohio.

Pushing a soft team of horses to their limit is not the best way to get the most work out of them.

Uncle Ab says the pot never boils while you watch it, and the spring work won't get done by waiting for the weather to warm up.

The high price of potato seed this year warrants every precaution in growing the crop. Make your seed investment worth while.

Did you know that the less-popular cuts of meat are just as nourishing and palatable as the so-called choice cuts?



Putting Teeth in Separator Claims

TALK is cheap, and it is easy to make extravagant claims, whether or not they are justified. This is true of cream separator claims. If there is the slightest doubt in your mind which separator really does skim cleanest, just try this simple test:

Put a De Laval side-by-side with any other separator of approximate capacity. Your De Laval Agent will gladly arrange this test. Mix 20 gallons of milk thoroughly and let it stay at normal room temperature. Run half through each machine. Wash the bowl and tinware of each machine in its own skim-milk, without the use of water, and mix the skim-milk. [Some separator retain more cream in the bowl than others.] Then run the skim-milk from the other machine through the De Laval, and vice versa. Weigh and test for butter-fat the cream that each machine gets from the other's skim-milk.

When you do this you will know beyond question of doubt that the De Laval skims cleaner, is the easier to turn and the more profitable to own.

The new De Laval is the best cream separator ever made. It has the wonderful "floating bowl"—the greatest separator improvement in 25 years. It is guaranteed to skim cleaner. It also runs easier when separating and lasts longer. It is the crowning achievement of 48 years of separator manufacture and leadership.



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As you mention, it is about three years ago since she received the last treatment from you and from then to the present she is in perfect health in every way."

What a relief to get rid of that gasping torture! As one farmer's wife says, "as this is the last day of this month and soon to be fall, I thought of how I dreaded to see fall and winter. Now it's no more dread than summer. I haven't had asthma since taking your treatment over four years ago and can scrub my floors, do my washing, anything I want to."

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S. C. White Leghorns	500	100	50	25
Barred Plymouth Rocks	\$2.50	\$11.00	\$5.75	\$3.00
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**MICHIGAN BUSINESS FARMER**  
Mt. Clemens, Michigan

## What State Farm Bureau Has Accomplished

(Continued from Page 4)

ly successful. The State Farm Bureau has marketed the wool the last two years in combination with the Ohio Wool Growers' Cooperative Association, and growers who pooled through this arrangement during 1924 were so highly satisfied that the amount pooled last year showed an increase of more than 50 per cent over the previous year. The average price received by the poolers was several cents above that paid by local old line dealers.

The Michigan State Farm Bureau maintains a Poultry Exchange Department at Detroit, which handles live poultry, eggs, dressed veal and large quantities of rabbits in season. This department is rendering a real service to individual farmers and to the local cooperative associations over a considerable area of the state.

At the headquarters of the Bureau at Lansing there is a fabrics department which handles 100 per cent virgin wool suitings, overcoat material, blankets, auto robes, wool batts and men's underwear and socks. Superior tailoring service for both suits and overcoats is featured by this department.

The Farm Bureau has been very successful in discovering and maintaining the necessary leadership and managerial ability to make each one of these departments self-sustaining, a fact which it can be very proud of. As its business interests are now on a stable basis, the Farm Bureau is planning on devoting a larger portion of its attention to the more general problems which so vitally concern its members and all other farmers.

### Own Paper

Four years ago the Michigan State Farm Bureau established its own newspaper, the Michigan Farm Bureau News, which is published twice each month and goes out to the entire membership, as well as to all of the publishers of weekly papers, banks, high schools, and other organizations and individuals. Also regular news releases are sent out from state headquarters to more than 300 weekly newspapers.

At the Farm Bureau headquarters a Traffic Department is maintained where rates are quoted, freight bills audited and claims for loss and damage and overcharge collected for individual Farm Bureau members, local co-ops, and the state-wide commodity exchanges. Traffic attorneys are retained to represent the farmers interests in many important hearings and cases which are constantly coming up before the Michigan Public Utilities Commission and

Interstate Commerce Commission.

The Farm Bureau has been very active along legislative lines. It realizes that if its influence in legislation is to be most effective, it must take an unprejudiced stand after a most thorough investigation and consideration. To meet this situation, the organization makes a continuous study of both state and national legislation. The information so secured is presented to the members through the Farm Bureau paper and orally at Farm Bureau meetings. It is at the service of the resolutions committee, the State Farm Bureau board of directors and the board of delegates.

The Farm Bureau has a representative at each day's session of the State Legislature who studies all bills and writes regular legislative reports, not only for the Farm Bureau paper, but also for more than three hundred Michigan weeklies and state farm papers. A special and more confidential service is rendered to a picked list of Farm Bureau "Minute Men" over the state who represent county and local farm bureaus and cooperative associations in legislative matters. Through these Minute Men it is possible for the state organization to mobilize on exceedingly short notice the influence of the entire Farm Bureau and cooperative movement for or against any measure regarding which the membership has gone on record.

The Farm Bureau has made a very comprehensive study of Michigan taxation conditions and presented them to its members and other farmers through an extensive program of publicity and through speeches at Farm Bureau meetings. As a result of investigations regarding assessment conditions in five counties, made by the state and county Farm Bureaus, farmers of these counties paid \$67,350 less taxes in 1924 and again in 1925 than they would have paid had not the Farm Bureau been on the job protecting their interests.

The Farm Bureau movement has had a hard and uphill fight and it is interesting to note that there seems to be general revival of interest in it. Last summer membership campaigns were carried on in eleven counties in the state and a very satisfactory membership was signed up. Indications are that the campaign being now conducted in thirty-five counties will be even more successful, building up a membership which will be the basis for a strong and permanent farmers' organization.

### BROADSCOPE FARM NEWS AND VIEWS

(Continued from Page 8)

all you need, and the most profitable one to use.

If the ground has not produced clover lately, and seems indifferent to the growth of straw, etc., a complete plant food is to be preferred. Some think fertilizer prices are so much higher than they used to be. It would seem so, if all we buy is so many pounds of something in a bag. The fact is, however, fertilizer now, at \$45 a ton contains twice the plant food we used to get in fertilizer we bought for \$25 a ton. In other words if one used 200 pounds of the \$25 fertilizer, he would get as good results from 100 pounds of the \$45 one, for the cheap one was something like 1-8-2 and the higher priced one is 2-16-4.

It is quite possible many would profit more by using lime in place of fertilizer. Understand, lime contains but little food for plants, but it does condition the soil so plants can avail themselves of the plant food already there and get established. After this commercial fertilizer may be a paying investment. A volume could be written on the use and abuse of fertilizers, and then the subject would be but well started. Why not experiment a little on your farm this year, using different grades, quantities and methods of application, and prove for yourself what your farm wants? And then what? Why tell us about it, of course! County.



# LEGHORNS THAT PAY

## Extra Ordinary Low Prices on Superior S. C. White Leghorns

During the weeks of May 31, June 7, 14, 21 or 28 we will deliver to you, prepaid, and 100 per cent live delivery guaranteed, Superior S. C. White Leghorns at the following remarkably low prices. Just fill in the coupon below for the number you desire, and mail it today. We will ship your order when you designate.

**These Chicks are Michigan Accredited**

These chicks, even at the low prices indicated, are Michigan accredited and will pass the exacting requirements to be classed as such. Superior Chicks are those chicks that, under practical farm conditions, make good. Order yours today and avoid disappointment. Beautiful catalog showing in pictures all about Superior Leghorns and special matings at higher prices, sent on request.

**SUPERIOR POULTRY FARMS, (Inc.)**  
**ZEELAND, Box 401, MICHIGAN**

<b>100 for</b>	<b>\$9</b>
<b>500 for</b>	<b>\$45</b>
<b>1000 for</b>	<b>\$85</b>

---

Gentlemen: 401  
 Enclosed please find \$..... for  
 which please ship me..... S. C.  
 White Leghorns as advertised the week  
 of .....  
 (Signed) .....  
 P. O. .... State .....

**VETERINARY DEPARTMENT**

Edited by DR. GEO. H. CONN

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

**GARGET**

I would like some advice about a cow that has the garget. She has had it for some time. Would you kindly tell me what to do for her?  
—O. P., Alden, Michigan.

**C**HRONIC cases of garget are difficult to handle successfully. Feed this animal plenty of bran and oil meal but not too much corn. A dose of epsom salts if needed. For the udder get equal parts of tincture of iodine and glycerine and apply with a toothbrush once each day to the affected part. I think that in a few days this will bring about an improvement.

**COW IS CONSTIPATED**

My cow seems to be constipated. Have had the doctor twice and he only says to give her salts and ginger, so for about two weeks have fed her a pound of salts and one ounce of ginger twice a day. She eats just a very little. Just last month I lost a cow that acted exactly as this cow does. Is there nothing we can do? She is very valuable.—C. H. F., Ionia, Michigan.

**I**F this cow has no relief by this time it is not likely anything can be done for her; this is doubtless an impaction of the manplies or true stomach; this stomach is composed of leaves that interlock similar to the plates in a battery and when the mass between them becomes impacted it is not often that anything removes it. These animals are getting too much dry indigestible feed and should have more bran, oilmeal and laxative feeds. It might be well for three or four weeks to give each of the cows a tablespoonful of fowlers solution of arsenic night and morning on the grain; this is a very good tonic and might help their digestion.

**DOG SUCKS EGGS**

Will you please tell me what will cure a dog of sucking eggs? Something besides cayenne pepper. How to prevent white diarrhea in baby chicks and a cure if they do get it. How warm should you keep your brooder house?—Mrs. M. S., Hudson, Michigan.

**I**F you tried cayenne pepper and it did not stop the dog sucking eggs better get rid of him. Put as much potassium permanganate in each gallon of drinking water as will lay on a five cent piece. Your brooder house should be kept in the beginning just a little less than the incubator say 95 to 98 degrees; this will be gradually reduced as the chicks grow older.

**RADIO DEPARTMENT**

By JAMES W. H. WEIR, R. E.

(Any question regarding radio will be gladly answered by our radio editor. You receive a personal letter and there is no charge if your subscription is paid up.)

**M. B. F. MARKETS**

The Business Farmer radio market reports and farm news are broadcast daily, except Saturday and Sunday, through station WGHP, of Detroit, on a wave length of 270 meters, beginning at 7:00 P. M. eastern standard time.

**SOME WORTH-WHILE TALKS**

**A**RE you "tuning-in" on the rural fire-prevention talks we are broadcasting? One was given on the evening of May 14, another May 21, and there is still one more to come. The third talk will be given on the evening of May 14, another May 21, and there is still one more to come. The third talk will be given by Hon. L. T. Hands, state insurance commissioner, after 7 o'clock next Friday evening, May 28. We hope you have not missed any of these worth-while talks.

The market report comes in fine. It keeps us well posted on all markets. Please send one of the market pads that were mentioned over the air. Yours for continued success.—Chas. Buehrer, Lenawee County.

**Riverside Tires**  
OVERSIZE CORD ~ BALLOON & TUBES

**\$9.49**  
30 x 3 1/2  
OVERSIZE  
CORDS  
FOR FORDS  
Inner Tubes 12.38  
All sizes at equally low prices!

"I have a pair of Oversize Cord Tires that have been used more than 12,000 miles and show very little wear and still have the original air in them."—K. K. Kimberly, Torrington, Conn., Star Rt. 2.

"The reason I ordered the Riverside Cord tire was that a friend of mine bought four of them over four years ago and has driven them over 17,000 miles and is still using them. I know this to be a fact, for I saw all four on his car which he drove over from Davenport to visit me."  
A. D. Dickinson, 1202-32nd Street, Rock Island, Illinois.

**The Greatest Tire Value in the Whole World**

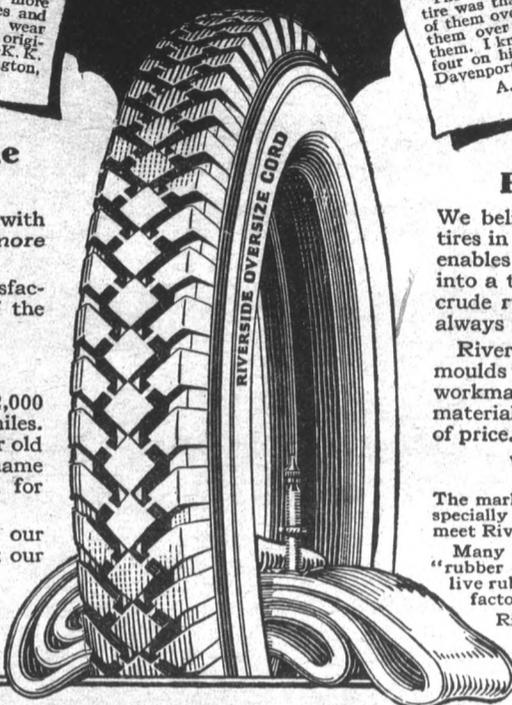
You might buy a tire of equal quality, with just as long a guarantee—if you pay more money!

But you cannot buy more tire satisfaction, more mileage, for each penny of the price, than you get in a Riverside.

**12,000 miles guaranteed  
Your Saving is One-third**

Riverside Cords are guaranteed for 12,000 miles; Riverside Balloons for 10,000 miles. And back of this guarantee is a 54 year old name—Montgomery Ward & Co. A name that has always been known to stand for reliability and square dealing.

Our customers know we live up to our guarantee. We could not possibly put our liberal guarantee on a tire unless exceptional quality was built into the tire. You take absolutely no risk whatever in buying a Riverside Tire.



**Why Ward's Tire Prices Are So Low**

We believe we are the largest retailers of tires in the world. This vast buying power enables us to save on everything that goes into a tire. For example, we buy our own crude rubber in enormous quantities—and always for cash.

Riverside Tires are made in our own moulds under our personal supervision. The workmanship is the most accurate. No better materials can be found in any tire regardless of price.

**We never sacrifice quality to make a low price—**

The market is being flooded with low priced tires specially made to meet Riverside prices but not to meet Riverside quality.

Many of these low priced tires are made of "rubber composition" and contain so little new, live rubber that they cannot possibly give satisfactory mileage.

Riverside Tires are absolutely guaranteed and are the biggest tire value you can possibly buy.

**Montgomery Ward & Co.**  
ESTABLISHED 1872

The Oldest Mail Order House is Today the Most Progressive

Baltimore Chicago Kansas City St. Paul Portland, Ore. Oakland, Calif. Fort Worth

**KARSTEN'S QUALITY**

**BABY CHICKS**

From Our 250-320 Egg Bred Line

**HOLLYWOOD AND BARRON ENGLISH S. C. W. LEGHORNS  
PRICES LOW NOW!**

We are now offering Chicks from our Star Matings which sold in March for 20c each. Deliveries are for May 24th and 31st and each week in June at these unusually low prices.

Selected Matings, Chicks, ....9c each } Regardless of number  
Star Matings, Chicks .....11c each } ordered.

But Order QUICK! Karsten's Quality Chicks do not long remain unsold. Orders are now coming in for June deliveries. Remember Karsten's is the stock that has been bred with the idea that—

**"It's Eggs That Count"**

All our chicks are produced through careful breeding, type testing and trap nesting. We Guarantee 100% Live Delivery.



Order Direct From This Ad—The prices we offer you here are the lowest in years for the high quality chicks we deliver.

Karsten's Farm

Box 17,

Zeeland, Mich

**GRANDVIEW SUPREME LAYERS**



**Improved English, Hollywood, Tancred Leghorns**  
OF  
Production winners in State and National Shows and Laying Contest. Our catalog describes and illustrates these superb laying strains. Order chicks now for immediate delivery from the same blood lines as our Official Laying Champions.

Winner of First Prize in Production Class Chicago 1925. Member of four official champion contest winners.

Grandview Poultry Farm, Inc., Box B, Zeeland, Mich.

**OHIO ACCREDITED CHICKS**

**THEY COST NO MORE AND YOU CAN FEEL SAFE**  
Our chicks come up to standards set by Ohio State University for purebred stock. Send for catalog telling about our pedigree, and pen mating stock. Order today and feel safe. Live delivery guaranteed.

	25	50	100	500	1000
S. C. Wh. Br. & Buff Leghorns.....	\$3.75	\$7.25	\$13.00	\$62.00	\$120.00
O. S. Mottled Anconas.....	4.00	7.50	14.00	66.50	126.00
S. C. Blk. Minorcas, Wh. & Brd. Rocks, S. C. & R. C. Reds.....	4.00	7.75	15.00	72.00	140.00
Buff Minorcas, Wh. Wyandottes.....	4.25	8.25	16.00	75.00	145.00
White Orpingtons.....	4.50	8.75	17.00	77.00	148.00
Jersey Blk. Giants, Sil Spangled Hamburgs.....	7.00	13.00	25.00	115.00	220.00
Mixed Chicks (Heavies) not accredited.....	3.50	6.50	12.00	60.00	120.00
Mixed Chicks (Light) Not accredited.....	3.00	5.50	10.00	50.00	100.00

Prices postpaid on: Best Purebred Stock.  
WOLF HATCHING & BREEDING CO., Box 32, GIBSONBURG, OHIO.

**Every Day You Need**

**KRESODIP No. 1**

(STANDARDIZED)

**TO AID IN KEEPING**

**All Livestock and Poultry Healthy**

**Kills Lice, Mites and Fleas.  
For Scratches, Wounds and  
common skin troubles.**

**THE FOLLOWING BOOKLETS ARE FREE:**

- No. 151—FARM SANITATION. Describes and tells how to prevent diseases common to livestock.
- No. 157—DOG BOOKLET. Tells how to rid the dog of fleas and to help prevent disease.
- No. 160—HOG BOOKLET. Covers the prevention of common hog diseases.
- No. 185—HOG WALLOWS. Gives complete directions for the construction of a concrete hog wallow.
- No. 163—POULTRY. How to get rid of lice and mites, and to prevent disease.

Kreso Dip No. 1 in Original Packages for Sale at All Drug Stores.

ANIMAL INDUSTRY DEPARTMENT OF

**Parke, Davis & Co.**  
DETROIT, MICH.

**BARGAINS**

in S. C. W. Leghorns, the world's greatest egg machine. 25,000 chicks for May and June delivery at greatly reduced prices. 100% live delivery guaranteed. 50 for \$5.25; 100 for \$10.00; 500 for \$46.50 postpaid. For June 1st and thereafter 1c less per chicks. All chicks are from Michigan Accredited flocks.

DRENTH HATCHERY, Zeeland, Michigan.  
Rt. 3, Box 75,

**LEGHORN CHICKS**

Egg bred 25 years. Guaranteed to live. Shipped C. O. D. Low Prepaid Prices. Also Cockerels, Pullets and Hens. Write for Special Price List and Free Catalog.  
GEO. B. FERRIS, 942 UNION, GRAND RAPIDS, MICH.

**Quality Dark Blue Foxes**

That produce large litters and wonderful Pelts. Buy direct from one of the World's largest BLUE FOX FARMS. LOW PRICES. Breeder Agents wanted. Write for Free Booklet, price list and credit plan giving purchaser one year to pay after delivery. Member Chamber of Commerce. Bank references.

GROVER CLEARY FOX FARMS, SEATTLE.  
1927 Smith Bldg.

**HAVE YOU A RADIO?**

If you have, listen in on the M. B. F. market reports broadcast through WGHP every evening except Saturday and Sunday, beginning at 7 o'clock, eastern standard time.

MICHIGAN STATE ACCREDITED HATCHERIES

Reduced Prices—Best Chicks

Michigan State Accredited  
BETTER CHICKS AT LESS COST

S. C. WHITE LEGHORNS

Real Money-Makers—lively, strong, large healthy chicks from best selected stock.  
100% Live Delivery Guaranteed

TANCRED STRAINS				
50, \$6.50	100, \$12.00	500, \$57.50	1000, \$110.00	
ENGLISH TOM BARRON STRAINS				
50, \$5.50	100, \$10.00	500, \$47.50	1000, \$90.00	

All our flocks are individually inspected by the Michigan State College of Agriculture—individually leg-banded with State sealed and numbered leg band. Insures highest quality.

150 Finest Tancred Males and Finest Large Tom Barron Males now head our flocks. Best blood lines in the country.

Order now! Satisfaction guaranteed.

KNOLL'S HATCHERY

R. R. 12, Box B Holland, Mich.



HOLLAND HATCHERY

NEW LOW PRICES

NO MICHIGAN ACCREDITED CHICKS

It will pay you to investigate one of Michigan's oldest and best hatcheries. Eighteen years' experience. Our increased capacity made necessary through absolute satisfaction of our chicks in the hands of old customers enables us to make you a big saving. Every chick hatched from selected rugged free range breeders officially passed by inspectors from Michigan State College.

S. C. WHITE LEGHORNS  
(Large Type English) (Special Mated American)  
ANCONAS

S. C. R. I. REDS  
BARRED ROCKS

Let us send you our special price list on Michigan Accredited Chicks which shows how you can save money. Get your chicks from an old reliable concern with an established reputation for square dealing. 100% live delivery, prepaid. Satisfaction guaranteed. Write today for free catalog which gives complete information.

VAN APPELDORN BROS. HOLLAND HATCHERY & POULTRY FARM, R7-B, Holland, Michigan.



LOW Prices NOW on Reliable Chicks FOR MAY DELIVERIES

THEY BEAR INSPECTION  
Reliable Poultry Farm  
RELIABLE POULTRY FARM & HATCHERY,

ALL FLOCKS MICH. STATE ACCREDITED  
We hatch only improved English White Leghorns, the large bodied birds with full lopped combs, Also Anconas and White Wyandottes.  
Price for May Delivery  
W. Leghorns and Anconas.....\$12.50 \$90.00  
White Wyandottes.....16.00 75.00  
Care in selection, culling, breeding and the introduction of high blood lines from other high record stock has made possible this year the finest breeding birds we have ever had. Reliable Chicks Live, Lay and produce Egg Profit. Order direct from this ad. Instructive Catalog FREE. Reference, Zeeland State Bank.  
R. 1, Box 41, ZEELAND, MICHIGAN.

HUNDERMAN CHICKS

Chicks that are hatched from free range breeders carefully selected. Our flocks and hatchery inspected and passed by representative of Michigan State College. Refer you to State Commercial Savings Bank. Order from this ad.  
For Delivery June 1st and after  
S. C. White Leghorns.....\$5.00 \$25.00 \$50.00 \$100.00 \$47.50 \$90.00  
Barred Rocks, S. C. R. I. Reds.....3.50 6.25 12.00 57.50 110.00  
Mixed Chicks, \$7.00 per 100. Heavy Mixed, \$11. Free catalog. 100% live delivery prepaid. 10% down books your order. Our chicks are Michigan State Accredited.  
HUNDERMAN BROS. R. R. No. 3, Box 55, ZEELAND, MICH.

RELIABLE CHICKS

LOW PRICES FOR JUNE CHICKS  
There is still plenty of time to get chicks that will make winter layers. Order from the prices given below. These chicks are strong, healthy and pure-bred. We guarantee 100% live delivery and satisfaction.  
S. C. White Leghorns 80, Anconas 90, Barred Rocks 100, Assorted 70. Reliable chicks have proved satisfactory for years. You can depend on them. Order today at above prices. Orders less than 100, 1c more. Bank reference.  
RELIABLE HATCHERY, 47 Seventeenth St. HOLLAND, MICH.

QUICK! GET OUR NEW LOW PRICES ON Michigan Accredited Baby Chicks.

In all our long years of breeding and hatching Baby Chicks we have never before been in position to offer you the unusually high quality chicks that we are producing this year. Many customers have again written us enthusiastic letters commending our chicks this year—many ordering more. Our modern hatching facilities and the high grade of breeding stock used, combined with our long hatching experience insures the high quality you want. We hatch White Leghorns, Barred Rocks and Anconas. All Michigan State Accredited. Get Our New Special Prices Before You Buy.  
MICHIGAN POULTRY FARM & HATCHERY, Box B, HOLLAND, MICHIGAN.

HA! HA! LOOK

Buy Our Big, Husky Michigan Accredited Chicks. CAN SHIP IMMEDIATELY.  
Every breeder approved by State Experts. Buy the best at the lowest price. 14 pure-bred varieties. Hatching eggs. Get free circular and big discount before buying elsewhere.  
BECKMANN HATCHERY, GRAND RAPIDS, MICHIGAN.  
26 LYON, DEPT. 3.

Dewberry Plants

4 for 25c; 25 for \$1.00. 12 Grape Vines for \$1.00; 3 Peach Trees, \$1.00; Hollyhock seed, 10c package.  
MARSHALL VINEYARD, Paw Paw, Michigan.

S. C. BUFF LEGHORN CHICKS FROM STATE Accredited Stock. Circular free.  
J. W. WEBSTER, Bath, Michigan.

WHEN WRITING TO ADVERTISERS PLEASE PLEASE MENTION THE BUSINESS FARMER.

Michigan Class A Accredited Chicks

After May 10th, S. C. English White and Brown Leghorns 10c; Sheppard's Anconas 11c; Barred Rocks and R. I. Reds 12c; Assorted chicks 8c. No money down. 100% live delivery. Postpaid. Catalogue free. Pay ten days before the chicks are shipped.  
THE BOS HATCHERY, R2, B, Zeeland, Mich.

SPECIAL PRICES

on leading varieties, of Michigan accredited chicks, pullets, cockerels and hens. Circular free. Member of I. B. C. Association.  
FAIRVIEW HATCHERY & FARMS, R. 2, B, Zeeland, Mich.

Poultry Department

RECORD PRODUCTION OF EGGS

DEAR EDITOR: Having been (and still am) a subscriber and reader of your paper and being interested in all farm topics, thought I'd send you a few lines telling you of what I consider a record breaking production of eggs from my small flock of fifty-seven Rhode Island Red hens, most of which are pullets of early hatching.

They started laying early last fall with good egg production and kept increasing. In January they laid 990 eggs, but in February, a short month at that, they broke all records by laying 1,176, the last week alone going over the top with 317 eggs. In March they again broke their record by laying 1,407 eggs during the month.

Now I consider this a fine record and would like to hear from any readers whose hens have done better.

I saw an article in a paper from East Lansing telling of a high record of White Leghorns on an Oregon farm where ten hens laid 904 eggs in their first four months. Now as near as I can figure it out, my hens average about the same as the White Leghorns. I have kept my chickens scratching for their feed, kept the hen house warm, roosts clean and saw to it that their feeding hours were regular and the results can be seen. With best wishes.—D. J. Ritchey, Calhoun County.

BLACK HEAD

I have been losing some turkeys every fall but last fall more than before. They seemed to act dumpish with feathers standing up on end around their head and lose bowels, thin and color of bright mustard.—I. J. F., Onaway, Michigan.

YOUR turkeys have what is known as black head or infectious Enterohepatitis; this is the most dangerous disease of young turkeys and is one of the causes of heavy losses. The best results will come from prevention; remove the birds to clean quarters and clean and disinfect thoroughly. Then for each 10 birds give 1 teaspoonful of powdered ipecac in the mash twice each week; after the birds are three or four months of age it can be given every week or ten days. In each gallon of drinking water place 1/2 teaspoonful of crude catechu and allow them no other drinking water.—Dr. G. H. Conn.

EYES SWELLED SHUT

I have a flock of chickens. Some of them have their eyes swelled shut, others their eyes are alright but their mouths full of cankers. The cankers are pale yellow and have a bad odor. What can I do?—W. R., Attica, Mich.

GIVE these birds water to drink in which one-third teaspoonful of catechu has been added to each gallon. For the canker get 2 ounces of a 2 per cent solution of argyrol and paint these cankers each day with this solution; use a small camel's hair brush.—Dr. Geo. H. Conn.

LOST FEATHERS

This winter my chickens lost feathers so that egg bags are all bare. Can you give me cause and remedy?—F. C., Onaway, Michigan.

DID you look for depluming mites? You know they affect the feathers in this region. Better look for them. If you find them get a good dip and disinfectant and dip them as soon as the weather is warm enough.—Dr. G. H. Conn.

Correct

The teacher was discussing foods to her class and she discovered one boy who did not seem to be giving any attention to the subject. "John", she suddenly turned to him. "Name three articles that contain starch." "Two cuffs and a collar," replied John.

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.)

White Diarrhea

Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words:

"Dear Sir: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 520, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

Cause of White Diarrhea

White Diarrhea (Coccidiosis) is caused by a protozoal organism of microscopic size which multiplies with great rapidity in the intestines of diseased birds and enormous numbers are discharged with the droppings. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it:

Never Lost a Single Chick

Mrs. L. L. Tam, Burnetts Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

Never Lost One After First Dose

Mrs. Ethel Rhodes, Shenandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proven—that it will stop your losses and double, treble, even quadruple your profits. Send 50c for package of Walko (or \$1.00 for extra large box)—give it in all drinking water and watch results. You'll find you won't lose one chick where you lost dozens before. It's a positive fact. You run no risk. We guarantee to refund your money promptly if you don't find it the greatest little chick saver you ever used. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa stands back of our guarantee.  
Walker Remedy Co., Dept. 520, Waterloo, Iowa

THE BUSINESS FARMER "The Farm Paper of Service" TELL YOUR FRIENDS ABOUT IT!

Raise Poultry for Market

This is the time to get your flocks started, Raise Good Stock.

Learn to Dress It and Get all the Profit Ship Next Fall and Winter to

Detroit Beef Co.

1903 Adelaide St., Detroit, Mich. Write for new shippers' guide. All details for shipping and dressing mailed free on application.

# MICHIGAN STATE ACCREDITED HATCHERIES

**WOLVERINE S. C. WHITE LEGHORN**  
**100% SAFE ARRIVAL**  
**BLOOD WILL GUARANTEED**  
**TELL**

**BABY CHICKS**  
 MICHIGAN STATE ACCREDITED

**ORDER JUNE DELIVERIES NOW**

Direct from This Ad to Save Time, or Send for Catalog

S. C. WHITE LEGHORNS	50	100	500
Grade A	\$7.50	\$14.00	\$67.50
Grade B	6.00	11.00	52.50

Wolverine Leghorns have large lopped combs, big, deep bodies; are uniform in size and type; and produce quantities of large, white eggs in winter when egg prices are high. Satisfied customers everywhere endorse Wolverine Baby Chicks.

**Bred for Size, Type and Egg Production Since 1910**

All breeders accredited by Michigan State College and Michigan Poultry Improvement Association. Don't buy any chicks until you have our new 1926 catalog explaining our matings in detail and how you can have greatest success with poultry.

Write for Copy—It's FREE

**WOLVERINE HATCHERY AND FARMS**  
 H. P. WIERSMA, Owner  
 ZEELAND, MICHIGAN.



## WYNGARDEN STRAIN



**Tancred Hollywood Barron White Leghorn**  
**BABY CHICKS**  
 MICHIGAN STATE ACCREDITED

**THREE BREEDS TO CHOOSE FROM**

Your success with poultry depends largely upon the quality of stock you select. Wyngarden Chicks are from pure-bred production type hens with many high egg records. FIVE of our hens laid 270 eggs at the 1925 Michigan International Egg Laying Contest. TEN birds 1924 Contest averaged 232 eggs and finished THIRD place. We also hatch Brown Leghorns and Anconas. FREE Catalog gives full information and tells why leading egg farmers choose Wyngarden Strain Chicks. Send for copy.

**Order Direct at These Low Prices**

	Special Prices for May 18th and 25th only.				Prices for June.			
	Per 50	Per 100	Per 500	Per 1000	Per 50	Per 100	Per 500	Per 1000
S. C. W. Leghorns, A Mating	\$8.30	\$16.20	\$76.50	\$149.00	\$7.25	\$14.00	\$66.00	\$125.00
S. C. W. Leghorns, B Mating	7.00	13.50	63.00	122.00	6.00	11.50	53.00	100.00
S. C. W. Leghorns, C Mating	6.00	11.70	54.00	105.00	5.00	9.70	44.00	85.00
Mottled Anconas and Brown Leghorns	7.00	13.50	63.00	122.00	6.00	11.50	53.00	100.00
Broiler Chicks (Not Accredited)	4.75	9.00	42.00	80.00	4.00	7.50	35.00	70.00

Wyngarden Farms and Hatchery, Box B, Zeeland, Mich.

## ROYAL EGG BRED CHICKS

75% OF OUR SALES EACH YEAR ARE TO OLD CUSTOMERS

**HANSON---TANCREDE---ENGLISH**

Michigan Accredited S. C. White Leghorns

Our White Leghorns won the 1925 Michigan Egg Contest with pen average of 241 eggs per bird. 1000 birds in contest averaged 176 eggs. 50 sisters of these contest winners averaged 200 eggs per bird at home. Brothers and sons of these birds head my matings this year.

**Special Low Prices For June**

A Mating	50	100	500	1000
B Mating	\$6.00	\$11.50	\$55.00	\$105.00
	5.00	9.50	45.00	85.00

Order from this ad at above prices. I guarantee 100% live delivery in good condition. Will book your order for earliest date possible and if not satisfactory you can cancel. Circular fully describing these winning blood lines sent free. Reference—Zeeland State Commercial & Savings Bank.

ROYAL HATCHERY & FARMS, S. P. Wiersma, Prop., R2, Box B, ZEELAND, MICHIGAN

## LAKEVIEW POULTRY FARMS

**REDUCED PRICES FOR JUNE DELIVERY**

Varieties	Postpaid prices on:	25	50	100	500	1000
White Leghorns (Tancred)		\$2.50	\$4.75	\$9.00	\$42.00	Write for Special
Barred Rocks (Park's Strain)		3.25	6.00	11.00	52.00	
S. C. & R. C. Rhode Island Reds		3.25	6.00	11.00	52.00	Prices

Mixed Chicks \$9.00 per 100. All chicks Michigan State Accredited, Smith hatched. Every breeder passed by representative of Michigan State College. At egg laying contests Lakeview stock has made good. Order from this ad. Free catalog.

LAKEVIEW POULTRY FARM, R. R. 8, Box 3, Holland, Mich.

## WASHTENAW Baby Chicks

**PURE BRED BABY CHICKS** MICHIGAN ACCREDITED

We have not only selected our breeding stock and mated our birds for best results, but we have joined the Michigan Accredited Association. An inspector from the Agricultural College approves every bird. This work is for your protection and gives you the most up-to-date in baby chicks. Write for literature and price list. Our chicks cost no more and you can feel safe. 100% live delivery. Write today.

**Get Our Illustrated Literature.**

We have prepared a big, illustrated circular which tells all about our chicks. It is worth your while to get it if you expect to buy chicks.

PRICES Our prices are reasonable. Our chicks are good. Write today.

WASHTENAW HATCHERY, 2500 Geddes Road, ANN ARBOR, MICH.

## Town Line POULTRY FARM

**Reduced Prices on Michigan Accredited Chicks**

Order your chicks at prices in this ad for delivery week of June 1st and 8th. Every breeder passed by inspectors under supervision of Michigan State College

Varieties	Postpaid prices on:	100	500	1000
S. C. White & Brown Leghorns, S. C. Anconas		\$10.00	\$45.00	\$90.00
Barred Rocks		13.00	60.00	100.00
Mixed or Broilers		8.00	40.00	80.00

Special matings at slightly higher prices. After week of June 8, 10 per chick less.

GET OUR NEW CATALOG—IT'S FREE.

Send for our new catalog and learn why Town Line Chicks must be good. All flocks milk fed. All chicks Newton hatched. Egg contest records and show winnings fully described. Write for low prices on 8-10 week old pullets now ready for shipment.

J. H. GEERLINGS, Owner, R. F. D. 1, Box F, ZEELAND, MICHIGAN.

## MEADOW-BROOK FARM HATCHERY

**Buy Michigan State Accredited Chicks**

AT REDUCED PRICES

From one of the founders of the chick industry 24 years in the business. An old reliable hatchery which has been putting out guaranteed chicks for years. Our flocks are the result of careful breeding and culling over a period of years. All our flocks have been state accredited and our Male Birds have been legbanded by the state. When seen our chicks recommend themselves. S. C. White Leghorns, Barred Rocks, Rhode Island Reds, Dr. L. E. Heasley Egg Basket Strain Buff Leghorns.

Write for free catalog.

MEADOW BROOK HATCHERY & FARMS, Box M, R. R. No. 1, H. De Pree Sons, Holland, Michigan.

## Chicks a Specialty!

Michigan accredited chicks from flocks which have stood careful inspection. Our White Leghorn Cuck Bird won 1st at Eastern Michigan Poultry Show, 1926 in both production and exhibition classes. We won first in pullet class.

Prices (Postpaid) On:	25	50	100	500	1000
S. C. White Leghorns	\$4.00	\$7.50	\$14.00	\$67.50	\$130.00
Barred Rocks, R. I. Reds					
Anconas and Black Minorcas	4.25	8.00	15.00	72.50	140.00
Wh. Rocks, Wh. and S. L. Wyandottes	4.50	8.50	16.00	77.50	150.00

Assorted Chicks \$12.00 per 100. DEAN EGG FARM & HATCHERY, BOX D, BIRMINGHAM, MICHIGAN

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE MICHIGAN BUSINESS FARMER

## REDUCED PRICES TO JUNE 30th

FROM MICH. STATE ACCREDITED FLOCKS

S. C. W. Leghorns, AA Grade	25	50	100	500	1000
	\$3.75	\$7.00	\$13.00	\$62.00	\$117.00
S. C. W. & Brown Leghorns, Standard Grade	2.75	6.00	11.00	51.50	100.00
Mottled Anconas	3.75	6.50	12.00	57.50	110.00
Reds, Black Minorcas	3.75	7.00	13.00	62.00	117.00
Mixed Chicks (Not Accredited)	2.50	4.50	8.00	38.00	72.00

Before you order elsewhere write for Catalog, or order direct from this ad. Orders are coming in now for delivery as late as May. Early orders mean better service. Send them now. We Guarantee 100% Safe Arrival In Good Health.

Do not order elsewhere until you get our new 1926 Catalog, now ready. Write for FREE Copy. AMERICAN CHICK FARM, Box B, Zeeland, Mich.

## ENGLISH TYPE White Leghorns

MICHIGAN STATE ACCREDITED

The Big, Deep Bodied Hens with Large Combs that Produce the Large White Egg

Your success with poultry depends on your foundation stock. Start right. Our new 1926 FREE Catalog tells how and what to do to raise chicks profitably. Order direct from this ad.

**SPECIAL PRICES FOR JUNE DELIVERIES**

Special Mated White Leghorns	100	500
	\$11.00	\$52.50
Standard Utility Mating White Leghorns	9.00	42.50

OTTAWA HATCHERY  
 Route 10, Box 42-B Holland, Michigan.

## BIG HUSKY CHICKS

FROM STATE ACCREDITED FLOCKS

EXCLUSIVELY. Strong, Healthy Chicks from these selected flocks. Inspected and Culled by expert State Inspectors. Carefully selected for heavy laying abilities. ENGLISH, BARRON and TANCREDE STRAIN WHITE LEGHORNS, S. C. BROWN LEGHORNS, SHEPPARD ANCONAS, BARRED ROCKS, RHODE ISLAND REDS and Assorted Mixed Chicks. Postpaid and Full Live Delivery Guaranteed. Bank Reference. Write me at once for Circular and price particulars. Also Pullets and Yearling Hens.

WINSTROM HATCHERY. Albert Winstrom, Prop., Box C-5, Zeeland, Mich.

## SPECIAL SALE OF JUNE CHICKS

Due to the fact that we hatch several of the more profitable breeds together with the fact that hatches are coming better than ever we find some weeks we have a few hundred more chicks than we had planned on. We will sell these assorted chicks at the following low prices

100 FOR \$8.00	500 FOR \$37.50	1000 FOR \$70.00
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Remember we guarantee these chicks pure bred, from high quality stock. They are absolutely sound in every way and will make money for you. Our live prepaid delivery guarantee holds good on these chicks. Send your order now to avoid disappointment.

VAN APPELDORN BROS., HOLLAND HATCHERY & POULTRY FARM, R7-B, Holland Michigan.

## PROFIT PRODUCING CHICKS

We offer you chicks that are bred from blood lines of proven laying ability. Our personal attention is given to all orders. You have your choice of three breeds—all are profitable.

**GET OUR SPECIAL SALE PRICE LIST.**

Write for complete information on this money saving special sale of Michigan Accredited Chicks. Our catalog completely tells all about our stock and our experience in giving satisfactory service. Learn more about us and you will like us better.

Brummer & Fredrickson Poultry Farm, Box 26, Holland, Michigan.

## EGG LINE WHITE LEGHORNS

MICHIGAN STATE CERTIFIED AND ACCREDITED

Egg Line Baby Chicks are the State Certified and Accredited product of the Finest Tancred-Barron Flock matings in America. Possessing those qualities essential to livability, rapid development and quantity egg production, they are the choice of exacting poultrymen and at the low prices we quote are the outstanding chick value of the season.

We Are Now Booking Orders For Late May and Early June Delivery

Write at once for valuable illustrated catalog, which tells all about them in a clear, truthful way.

J. PATER & SON, Rt. 4, Box B, HUDSONVILLE, MICHIGAN.

## CHICKS and PULLETS

Chicks from Michigan State Accredited Flocks. Pullets from Accredited Chicks. All pure-bred Tom Barron Strain English White Leghorns.

**BUY NOW AT THESE LOW PRICES:**

Chicks	100	500	1000
	\$12.00	\$52.00	\$102.00

PULLETS for delivery in May, June, or July in lots of 100, shipped on approval. 8 weeks \$1.00 each, 10 weeks \$1.15 each. All pullets shipped on approval. Orders now being booked for Fall delivery on Yearling Hens. Write for prices.

English White Leghorn Farms, Box 17, Zeeland, Mich.



# MARKET FLASHES



## Most Grains Sell For Less Than Year Ago

Cattle and Hogs Bringing Good Prices

By W. W. FOOTE, Market Editor.

FARMERS are, of course, affected by the labor troubles in this and foreign countries for these great strikes of miners, plasterers and other unions obviously seriously curtail the purchasing power of large numbers of people, but residents of the cities are apt to be more effected. Prior to the British miners' strike business conditions in European countries were very far from healthy, due to the vast war debts calling for payment, and while improving conditions may be expected as the years go by it seems probable that in the future this country will have to depend less on the foreign demand for our raw and manufactured goods and more on domestic consumption. It should be remembered that our population is growing rapidly all the time, and this increase has to be met by proportionately increasing production of various farm products. We are great bread eaters, as well as meat eaters, and it is necessary for the farmers of the corn producing states to return to breeding hogs to meet the large demand for hog meats and lard, to say nothing of the foreign demand. The hog supply is woefully short, but a great many pigs were born this spring, and in spite of large losses in the early spring on account of wet and cold weather, numerous large litters were reported later by farmers who provided good warm quarters. Naturally, hogs are making big returns to owners, with recent average prices the highest since last September. On the whole skillful cattlemen are ahead in the game, and so are sheepmen, but many flocks of lambs were sold at large losses this spring simply because owners became panic-stricken and glutted the market. Rightly conducted, the sheep business is a good one to stick to. As for farm crops in general, do not forget to diversify them. This simple rule has usually worked out much better than confining crops mainly to one or two kinds.

The National Provisioner warns its readers—slaughterers and distributors—that the season of "ready-to-serve" meats is at hand. It is the summer season of picnics and light housekeeping. "The class of trade that buys 'ready-to-serve' meats are not so much concerned with price," says the Provisioner. "They want quality—something that tastes good and can be served quickly. If it is necessary to pay a good price for this they will do so. It has been said that Americans consume 75 per cent of the world's output of quality merchandise. Why, then, should not the packer and the retailer place more emphasis on quality? Price will take care of itself."

### Wool Season Opens

Sheep shearing has begun in Michigan, but so far there is very little buying, with buyers and sellers apart in their views regarding prices. Growers are very firm in asking 38 to 40 cents per pound, but buyers are holding back and bidding only 35 cents. Buying in the far west is reported fairly active at 31 to 34 cents for territory clips, depending upon the quality and condition.

### The Grain Markets

The governments May crop report was a surprise to grain traders, as it estimated the winter wheat crop at 549,000,000 bushels, which compared with 398,000,000 bushels harvested last year and a ten-year average of 557,662,000 bushels. The estimated rye crop of 44,791,000 bushels compares with 44,696,000 bushels harvested in 1925 and a ten-year average of 67,966,000 bushels. Reports on spring planting and plowing showed well below last year and under the ten-year average. Stocks of hay on farms on May 1 were placed at 11,255,000 tons, against 15,637,000 tons a year earlier and 12,988,000 tons as the ten-year average. Within a short time

wheat has sold much lower than a year ago, but a little more than two years ago it sold below \$1.07. Corn sold recently at the lowest prices of the season, and with hogs at late market prices there was more money in feeding than in marketing corn for commercial purposes. Oats have sold at much the same prices as a year ago, while rye sold a short time ago at the lowest prices of the season. The export demand for rye has been very moderate. A revision of winter wheat acreage from that given out last fall has been made by the department of agriculture. Some states were cut down and others increased, making a net decrease of

\$10.15, the highest price for the heifers in weeks, another lot of 66 heifers averaging 646 pounds fetching \$10. There is a fair demand for stockers and feeders at \$6 to \$8.90, with sales largely at \$7 to \$8.25 for 600 to 800-pound steers, while good sales are made of stock and feeder cows and heifers at \$4.50 to \$6.50.

### Hog Prices Narrower

The most striking new feature of the Chicago market is a further marked narrowing of the range of prices, the lighter weights declining at times when the heavier offerings were selling higher. Prices have continued to rule far higher than in most past years, sales having taken place one year ago at \$10.50 to \$12.30 and two years ago at \$6.60 to \$7.60. Combined receipts in seven western packing points for this year to late date aggregate 9,067,000 hogs, comparing with 11,295,000 one year ago and with 13,194,000

ket to advance the price a cent on the closing day of last week. We do not look for a much lower market in the near future.

### BEANS

There seems to be a general feeling that good marketable beans at present prices are good property to own and there has been a general slowing up of marketing. The result has been increased prices with an increased demand.

### POTATOES

New potatoes are giving old ones a hard battle with the old ones on the losing end. Prices for the new stock are higher and firm while old potatoes are unsteady with unchanged prices.

### LIVESTOCK MARKETS

CHICAGO.—Cattle—General fed steer trade dull, weak to 15c lower; matured steers, narrow demand, 10@15c off; yearlings, \$9.90; bulk fed steers, \$8.25@9.35; she stock and bulls steady; vealers active, strong; largely \$9.50@11.50; to packers, outsiders, \$12@13; stockers and feeders, steady, \$7@8.50. Hogs—Active, 15@25c higher; closed mostly 25c higher than Thursday, majority 240 to 325 pound butchers, \$13.20@13.70; good and choice 200 to 225 pound weight mostly, \$13.70@13.95; sorted 180 pounds down largely, \$14@14.25; top 140 to 180 pounds, \$14.35; packing sows, \$12.20@12.70; desirable slaughter pigs, \$14@14.35; estimated holdover, 3,600. Sheep—Fat lambs steady to 15c higher; clipped mostly, 15c up; top California, \$16.0; others, \$16.25; seconds, \$14.50@15; bulk clipped lambs, \$14.50@15; fat sheep strong; clipped ewes upward to \$8.

EAST BUFFALO.—Cattle—Fairly active and steady. Calves—Slow and steady; choice, \$13@13.50; fair to good, \$11@12.50; culls, \$6@10.50; heavy, \$6@9; grassers, 4@6. Hogs—Active, generally steady; heavy, \$13@14; mixed, \$14.25@14.50; yorkers, \$14.50@14.75; light yorkers, \$14.75@15; pigs, \$15; roughs, \$11.50; stags, \$7@9. Sheep and Lambs—Extremely dull; lambs, 50c lower; all others, \$1 lower; lambs, \$9@14.50; yearlings, \$9@12; wethers, \$9@9.50; ewes, \$3@8; mixed sheep, \$8@8.50.

### DETROIT LIVE POULTRY MARKET

Broilers, fancy heavy rocks and reds, 45@50c; medium and white, 43@45c; leghorns, 40c; stags, 20@21c; extra large hens, 32c; medium hens, 32@33c; leghorns and small, 30@31c; large white ducks, 35@36c per lb.



Week of May 23

TEMPERATURES over most parts of Michigan will again be falling during the opening days of the week of May 23rd but with a probable reaction about Monday or Tuesday. This last raise, if any, will only be temporary and shortly after the middle of the week readings will again be down below the seasonal normal.

All during the first half of the week there will be an unusually high wind movement in most sections.

From the middle part of the week on towards the end we are expecting the weather will be more or less dry with strong evaporating propensities.

Week of May 30

Decoration day and the day after in most parts of Michigan are expected to be windy and temperatures seasonal to a little above and perhaps some scattered showers but mostly fair weather.

All during the middle days of this week the skies will remain generally clear but the temperatures will be unseasonal with readings in this state somewhat below the normal, especially during the night and early morning hours.

About Thursday the trend of the temperature will change upward so that during the last days of this week readings will be considerably above the seasonal readings.

The week ends with storms of rain and thunder together with local wind storms that will prove disastrous in many sections.

### M. B. F. MARKET REPORTS BY RADIO

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

250,000 acres from returns of last December. The present acreage is 37,085,000.

Late sales were made on the Chicago Board of Trade for July delivery of wheat at \$1.37, comparing with \$1.52 a year ago; corn at 75 cents, comparing with \$1.07 a year ago; oats at 42 cents, comparing with 45 cents a year ago; and rye at 86 cents, comparing with \$1.13 a year ago.

### Good Demand for Cattle

The best beef cattle are selling on the Chicago market at well maintained prices except at times when the offerings are excessive, although they are lower than in recent years, tops having been \$11.65 and \$11.90 one and two years ago. Plenty of cattle are grazing in farming districts, and decidedly more cattle have been received in western packing points for this year than a year ago. Recent sales were made of beef stores at \$7.50 to \$8.50 for common to fair grades, with a pretty good kind at \$9 and upward and choice to prime grades at \$9.50 to \$10.35 with weighty Nebraska cattle the best sellers and the best yearling steers at \$10.15. A short time ago 60 prime yearlings heifers which averaged 674 pounds sold for

two years ago. Hogs marketed in Chicago recently averaged 249 pounds, which was the heaviest for any corresponding time in over five years, being 11 pounds above the five-year average and comparing with 235 and 236 pounds one and two years ago. Hogs: Late sales

### WHEAT

There does not seem to be much interest in cash wheat at present prices, although the market did show some steadiness after a bearish week. In general crop reports are bearish.

### COEN

Corn advanced at the close of last week at Chicago and there were takers for offerings but at Detroit the market remained unchanged with little trading.

### OATS

This market is following the trend of corn very closely at present. At Chicago there was considerable buying and nothing doing at Detroit.

### RYE

Rye hovers persistently around the old-time low levels. There was enough demand in the Detroit mar-

## THE BUSINESS FARMER'S MARKET SUMMARY

and Comparison with Markets Two Weeks Ago and One Year Ago

	Detroit May 18	Chicago May 18	Detroit May 8	Detroit 1 yr. ago
<b>WHEAT—</b>				
No. 2 Red	\$1.64		\$1.75	\$1.85
No. 2 White	1.65		1.76	1.85
No. 2 Mixed	1.64		1.75	1.85
<b>CORN—</b>				
No. 3 Yellow	.75		.75	1.20
No. 4 Yellow	.70		.70	1.15
<b>OATS—</b>				
No. 2 White	.46	.42 @ .42 1/2	.47	.54
No. 3 White	.45	.41 1/2 @ .42	.46	.52
<b>RYE—</b>				
Cash No. 2	.85		.91	1.10
<b>BEANS—</b>				
C. H. P. Cwt.	4.40 @ 4.50		4.05 @ 4.15	5.25
<b>POTATOES—</b>				
New, Per Cwt.	3.65	3.00 @ 3.50	4.73 @ 4.77	1.06 @ 1.13
<b>HAY—</b>				
No. 1 Tim.	23.50 @ 24	24 @ 26	23.50 @ 24	16 @ 16.50
No. 2 Tim.	21 @ 22	21 @ 23	21 @ 22	14 @ 15
No. 1 Clover	20 @ 21	21 @ 23	20 @ 24	13 @ 14
Light Mixed	22 @ 23	23 @ 25	22 @ 23	15.50 @ 16

Tuesday, May 18.—Wheat and rye easy, other grains unchanged. Bean market firm. Old potatoes unsteady with liberal supply. Poultry in demand.

COUNTY CROP REPORTS

Monroe (W).—Prospects for crop look brighter than in April. Shortage of farm labor. Farmers cannot pay wages men get in other employment. Crop prices do not make it possible. Quotations at Monroe: Corn, 60c to 75c per bu.; oats, 39c per bu.; rye, 80c per bu.; No. 1 wheat, \$1.54 per bu.; potatoes, \$2.50 per bu.; eggs, 25c to 27c per doz.; butter, 48c per lb.—Mrs. Florence Howard, 5-12-26.

Clare (N).—Farmers are still drilling oats. A few are talking potatoes. The recent slump has put the damper on them. The seed corn situation is proving a problem. Germination tests are low. With increase in pasture the feed shortage is felt less. Young pigs are selling at from \$10 to \$12 per pair at weaning time and few are for sale at that price. The weather stays cold and dry. A couple of bad fires are about burned out. Quotations at Harrison: Potatoes, \$2.00 per cwt.; eggs, 25c doz.; butter, 40c lb.; —Mrs. D., 5-12-26.

Berrien (N).—Peaches, pears, plums and cherries are in bloom. Apples are in the pink. Recent frosty nights did no damage except that a few low lying vineyards report some injury. Weather has been very dry which should prevent scab. Aphids are conspicuous for their absence. —N. H., 5-13-26.

St. Joseph (SE).—Oats and potatoes mostly in. Wheat and rye coming very good. Grass and alfalfa growing fine. Not much loss of young pigs or lambs as weather is warming up, although colder than most other years of May. Most everyone has started the garden. Chicks doing well this month. Seed is unusually high, especially potatoes. Fruit trees full of blossoms and not too early. Good prospects now for fruit crop. Better than last year. Quotations at Sturgis: Corn, 55c per bu.; oats, 40c per bu.; rye, 74c per bu.; wheat, \$1.54 per bu.; potatoes, \$3.50 per cwt.; eggs, 27c per doz.; butter, 40c per lb.—Carolyn Hyde, 5-12-26.

Calhoun.—Wheat that was sowed late has been plowed up and sowed to oats. Wheat that is left needs rain and is looking bad. Farmers are two weeks behind with their work, not a very bright outlook. Quotations at Marshall are: Hay, \$18.00 per ton; corn, 84c per bu.; oats, 45c per bu.; rye, 74c per bu.; wheat, \$1.55 per bu.; beans, \$3.50 per cwt.; eggs, 26c per doz.; butter, 41c per lb.—M. M. Patterson, 5-13-26.

Gladwin.—Oats all in here. Everybody plowing for corn. Rye came through in good shape. Pasture very slow. Weather mostly cool. Not much hay moving. Potatoes are nearly all sold now. Quotations at Gladwin: Hay, \$20.00 per ton; corn, 5c per bu.; oats, 50c per bu.; potatoes, \$3.00 per cwt.; eggs, 24c per doz.; cream, 33c per lb.—L. C. Y., 5-13-26.

Genesee.—Weather has been very warm past few days. Most farmers have oats planted and are now finishing spring plowing. No auction sales around here for some time. Wheat looking good with exception that some fields are badly spotted. Larger acreage of early potatoes than usual. Quotations at Flint: Corn, 75c per bu.; oats, 40c per bu.; rye, 75c per bu.; wheat, \$1.65 per bu.; beans, \$3.65 per cwt.; potatoes, \$4.50 per cwt.; eggs, 30c per doz.; butter, 45c per lb.—H. B. S., 5-11-26.

Oakland (O).—Oats all sowed. Pastures nothing extra. Cows went to pasture after a long feeding period, May 10. Eye looks good. Wheat fairly good. Farmers planting early potatoes, drawing manure, getting ready to plow corn ground. Alfalfa and old timothy fields coming good. Awful dry and dusty. Quotations at Pontiac: Oats, 45c per bu.; rye, 85c per bu.; wheat, \$1.68 per bu.; beans, 4.10 per cwt.; potatoes, \$2.50 per bu.; eggs, 35c per doz.; butter, 50 to 55c per lb.—Neil H. Cotcher, 5-12-26.

Hillsdale (NW).—Getting too dry to plow good, no rain in last two weeks. Practically all oats sown, early sown oats coming up fine. Early fruit trees full of bloom. Due to the hot weather last week, pasture has come right along. Farmers busy working corn ground. Little corn to be planted this week, but mostly next week. Alfalfa hay advertised at \$18.00 and \$20.00 a ton. Cream, 41c; eggs, 26c.—Chas Hunt, 5-13-26.

Saginaw.—Weather has been quite favorable for farming past ten days. Ground works up good. Warm rain would be beneficial to pastures and wheat. Oats about all sown, about the same acreage planted as last year. Farmers busy hauling out manure and plowing for corn and beans. Some early potatoes planted. Smaller acreage of beans anticipated on account of low prices and crop failures last year. Quotations at Birch Run: Hay, \$14.00 per ton; corn, 60c per bu.; oats, 38c per bu.; eggs, 27c per doz.; butter, 39c per lb.—E. C. M., 5-14-26.

Huron (E).—Frost all out. Oats and barley seeding on low land, nearly done on rolling fields. Stock turned out generally but little grass. The woods are still dead. No blossoms yet seen. Much wheat and rye abandoned on flat ground, smothered with ice. No subsoil drainage through frost till the plants are cooked. Even within a rod of deep open drains the wheat and rye is dead in the little sags, rolling land better. Some farmers sowing barley in wheat and oats in rye. Good 20% can be taken from the earlier estimates on flat lands. Some horses being shipped. Farmers letting young mares go as beasts of burden as no one

will raise colts for price offered. Several real estate deals lately. Farms getting larger.—E. R., 5-13-26.

Mason.—Farmers more optimistic since weather came last few days. Still sowing oats. Much seeding with alfalfa and sweet clover. Spraying progressing. No aphids as yet. No Waggoner apples this year. Pear trees well loaded. No crab-apples in prospect. Vegetable gardens being planted. Plowing for corn. Many raspberries being set out. Quotations at Freesoil: Hay, \$22.50 per ton; corn, \$1.00 per bu.; oats, 40c per bu.; rye, 68c per bu.; wheat \$1.57 per bu.; beans, \$3.40 per bu.; potatoes, \$2.00 per cwt.; eggs, 24c per doz.; butter, 32c per lb.—G. Pearl Darr, 5-13-26.

Kalkaska.—Weather conditions backward, cold, frosts. Some oats sown, few gardens plowed. Hay and pasture coming on fine. Leaf buds just showing. Corn ground about ready but too cold to plant. Eggs bringing 25c per doz.; butter 40c per lb.—Howard Smith, 5-13-26.

Monroe (S).—Frosts every night this week. Oats all sown. Meadows and wheat are looking good. Some corn planted, acreage not as large as last year. Cattle, hogs, sheep in good condition and prices high. Good work horses in demand at good figures. Orchards being sprayed. Corn borer fight on. Quotations at Temperance: Hay, \$18.00 per ton; corn, 65c and 70c per bu.; oats, 40c per bu.; rye, 80c per bu.; wheat, \$1.65 per bu.; potatoes \$2.50 and \$3.00 per cwt.; eggs, 27c per doz.; butter, 48c per lb.—C. W. Eisenmann, 5-14-26.

Tuscola (W).—Wheat in need of rain. Looks as if we will get about 50% normal crop. Oats all sown but ground too dry. Farmers getting corn ground ready, some have already planted. Sugar beets being sown with smaller acreage. Cold weather is hold back fruit buds which look promising for a good crop. Farmers looking ahead for better year. Quotations at Vassar: Hay, \$16.00 per ton; corn, 54c per bu.; oats, 39c per bu.; rye, 63c per bu.; wheat, \$1.60 per bu.; beans, \$3.70 per cwt.; potatoes, \$4.00 per cwt.; eggs, 26c per doz.; butter, 45c per lb.—J. T., 5-12-26.

Kent.—Corn ground ready and planting will be started soon. Clover in good shape, needs good soaking rain. Rye and wheat not badly injured, only thin. Cherries in full bloom. Pasture in low land in splendid shape. Some cattle being pastured. Contract beans let out in fairly large numbers. Many spring lambs. Pigs do not do well. Neighbor had twelve, lost all but two. Not many sales just now, farmers too busy. Work on good roads began. Farmers teams doing work. Many tractor farmers here. Farms appear to be growing as well as crops. Spraying of apples has begun. Some small grain being sold. Some early potatoes planted and a few gardens in. Stock looks fairly well considering mostly fed on cornstalks and straw. No hay for sale here. Small fruit beginning to green up. Some late tying of grapes. Quotations at Grand Rapids: Hay, \$20.00 per ton; corn, 95c per bu.; oats, 52c per bu.; beans, \$6.25 per cwt.; potatoes, \$2.05 per cwt.; eggs, 50c per doz.—Sylvia Wellcome, 5-10-26.

Wexford.—Weather cool. Need rain. Farmers plowing and spreading manure. Few have planted gardens and early potatoes. Feed getting scarce but animals can now be turned out to pasture. Quite a few farmers buying cars this spring. Quotations at Cadillac: Hay, \$25 per ton; corn 80c per bu.; oats, 45c cwt.; rye, 66c per bu.; wheat, \$1.58 per bu.; beans, \$3.25 per cwt.; potatoes, \$3.40 @ 3.55 per cwt.; eggs, 24c per doz.; butterfat, 40c per lb.—E. H. D., 5-10-26.

Lenawee (W).—Weather cool, a few warm, dry days. Some oats and barley to be sown yet, some up. Very dry, need rain bad. Several frosts. Plums, cherries and peaches in bloom. Some have turned cattle on grass but not much grass. Help scarce and everyone very busy. Quotations at Adrian: Hay, \$20 @ 24 per ton; corn, 40c per bu.; oats, 39c; wheat, \$1.52; beans, \$3.60 per cwt.; eggs, 26 @ 27c per doz.—C. B., 5-12-26.

Saginaw (NW).—Oats all sowed, early sowed are up. Farmers hauling manure and plowing for corn. Corn will be put in about two weeks late. Not much plowed for beans. Wheat about all killed, three-fourths being plowed and what is left is not much good. High ground is getting too dry to plow, if it doesn't rain soon there will not be many beans sowed. Quotations at Hemlock: Hay, \$15.00 per ton; corn, 60c per bu.; oats, 37c per bu.; rye, 60c per bu.; wheat, \$1.56 per bu.; beans, \$3.75 per cwt.; potatoes \$2.25 per cwt.; eggs, 26c per doz.; butter, 38c per lb.—F. Dungey, 5-13-26.

Fresque Isle.—Weather this last week very favorable for farming. Eye and winter wheat looking pretty fair. Not much pasture as yet. Not many early potatoes planted, but farmers expect to plant in the next two weeks. Season unusually late.—F. T., 5-13-26.

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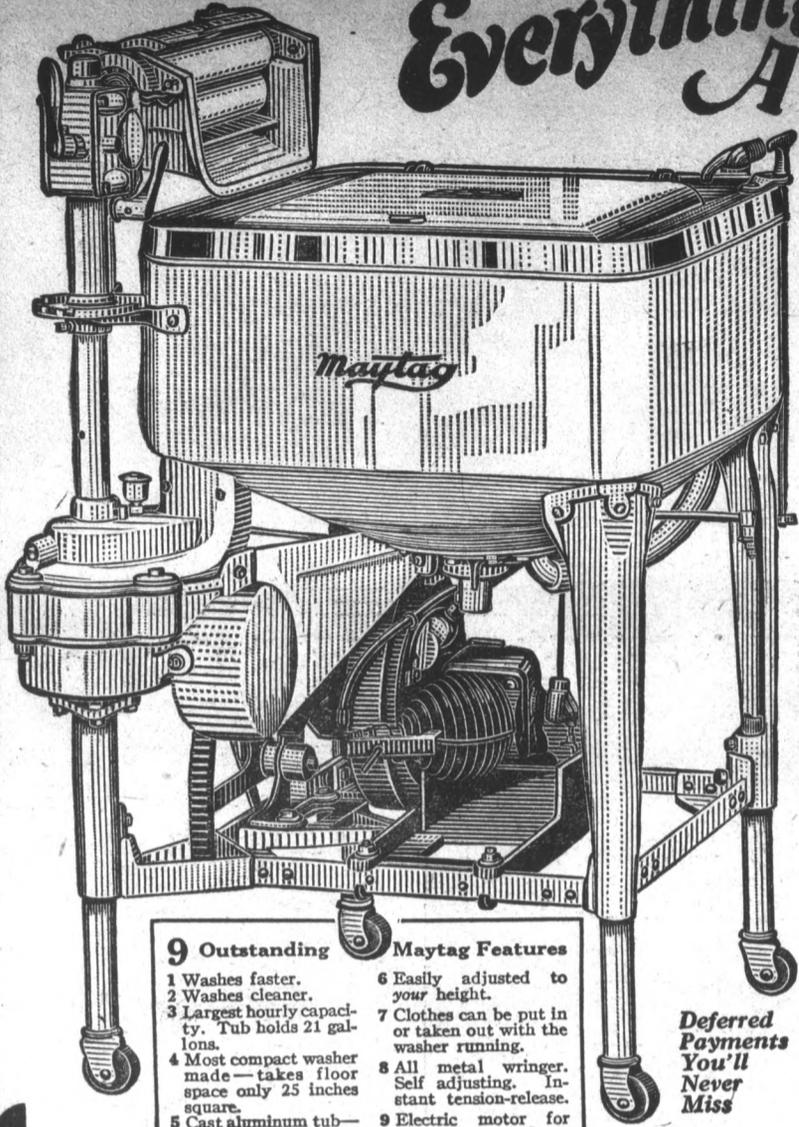
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