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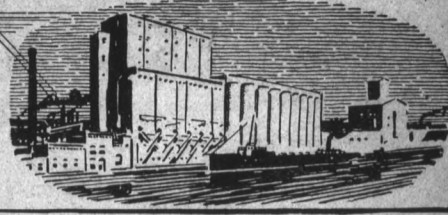
*The Michigan*

MAY 26, 1928

# BUSINESS FARMER



*An Independent  
Farm Magazine Owned and  
Edited in Michigan*



IT WON'T BE LONG NOW!

**In this issue: Braun Talks About Grain for Dairy Cows on Pasture—The Broadscope Farm Man Answers Several Timely Questions—Page of Pictures Taken by Our Folks—Questions About Minute Men Answered**

## • Chatting with the Agricultural Teacher •

Edited by V. O. BRAUN

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

### Grain for Cows on Pasture

SEVERAL inquiries have come to me regarding the feeding of grain to a dairy cow on pasture. This year, due to the lateness of spring, and to the shortage of last year's corn crop, many farmers find themselves short of grain and wonder if they had better buy grain for the cows or try to get by with pasture alone.



V. O. Braun

One of the hardest-working animals on the farm is the high-producing dairy cow. If she produces as much as 35 pounds of milk a day she can ordinarily not eat and digest enough grass to furnish all the nutrients for her requirements. A cow producing only 20 or 25 pounds per day will scarcely be able

to get sufficient nutrients out of the good pasture grass which she can eat to keep up this amount of production. Yet many farmers expect their dairy cows to produce more than this during the summer on poor pasture with no additional feed.

Early spring grass is watery and immature and may contain less than 10 pounds of dry matter per 100 pounds of grass. This is a smaller quantity of dry matter than is contained in 100 pounds of milk. A cow producing 35 pounds of milk per day must gather and eat enough feed for her requirements. It would be practically impossible for her to do this on the very best of pastures.

When grass has become more mature, it will contain from 20 to 25 pounds of dry matter per 100 pounds. However, even with this increase in feeding value of the pasture, liberal milking cows will need additional feed. A cow giving 35 pounds of milk daily must eat and digest about 150 pounds of this mature grass to secure enough feed for

her requirements; on first class pasture a cow might do this, but very few pastures are first class. Therefore, cows producing abundantly should always be fed grain in addition to pasture. Experiments have shown that cows producing not over 20 pounds of milk per day will do pretty well on good pasture without additional feed. They may produce a little more milk if fed some grain, but the increased flow of milk will not ordinarily pay for the grain fed.

The above rule is followed on the dairy herd at Spring Water Farm and I think it a good one to follow.

### Moving to City

You have probably heard, many times, people bemoaning the fact that the farmer was quitting the farm and moving to the city. I have heard many people assert that they were afraid agriculture would see its downfall in this movement. As far as myself is concerned I never worried about it, except that I would remark; I hoped the movement would continue so that there would be fewer people to raise crops on the farm and more people to consume them in the city.

According to the Bureau of Agricultural Economics the movement of population from farm to cities is now at a less rapid rate than in preceding years. According to their figures 1,978,000 persons left the

farm last year compared with 2,155,000 in 1926 and 1,900,000 in 1925. Offsetting this movement, 1,374,000 persons moved from cities to farms last year, compared with 1,135,000 in 1926, and 1,066,000 in 1925.

These figures show a net movement of 604,000 persons from farms to cities for the year, compared with 1,020,000 persons in 1926 and 834,000 persons in 1925 only. A small reduction, however, is shown in farm population; and excess of birth over deaths bringing the population to 27,699,000 persons on January 1, 1926, compared with 27,892,000 on January 1, 1927, a decrease of 649,000 in 1926, and 441,000 in 1925.

The decrease in net cityward movement is considered to reflect the improved agricultural conditions, the disillusionment of those who sought better economic conditions in cities and who are now returning to farms, and the slight slackening of industrial employment. A survey made last winter showed that 8770 of those moving from cities to farms had had farm experience.

### Disturbance at M. S. C.

We read and hear considerable concerning the recent disturbance at Michigan State College. I have received a number of letters from farmers who wished to know the why and wherefore, and the causes of this late trouble at our agricultural college. Comment, advice and gossip are always as free and plentiful as water from the spring, therefore any one ought to be able to receive the information they desire. I try to keep in close touch with my old Alma Mater, but I must confess that I am unable to answer any of the questions and furthermore I do not care to state my opinion on matters until I know more of the facts. I do not think it wise to make any assertions on such conditions unless we know what we are talking about. The taxpayers of Michigan, however, are interested and have a right to know the facts, and I do believe a statement of the Board of Agriculture to the people would be a very fitting procedure. I, for one, would be pleased to see such a move taken.

### Corn Planting Time

Corn planting time is with us again. Due to the late spring considerable corn will be planted late this year and due to lack of time there will probably be some planted on soil which has not been very well prepared. I do not like to see corn planted too late but I'd sooner see it planted several days late than to see it planted in a seed bed which has not been properly prepared.

Corn is a heavy feeder with a large mass of roots reaching well between the rows and penetrating the soil to a good depth. For this reason there should be a good seed bed before planting. Weeds can be killed easier with a harrow before planting than with a cultivator afterwards. The seed bed should be well settled at the bottom of the furrow slice, and at the surface should approach as nearly as possible the condition known as "garden tilth."

### The Experience Pool

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

### KEEPING OUT CUT WORMS

DEAR EDITOR: I am sending in a recipe for keeping out cut worms. Dry sulphur does the work. Cut worms are awful after cabbage and peas. I make my trench for peas, put some sulphur in, then peas, and cover. With cabbage I put sulphur in the hole and then set in plant. Have never lost a plant from cut worms.—Mrs. R. L. Boyne City, Michigan.

Am a subscriber to M. B. F. and sure enjoy it. Think you are doing a great thing about the chicken thieves. We've never lost any but we know several who have.—Mrs. Rex Petrie, Charlevoix County.

# NOW— a Michigan made Fertilizer for MICHIGAN FARMERS

Michigan farmers can now get standard High Grade Commercial Fertilizers that are properly adapted to Michigan crop conditions and that are made right here in Michigan. This welcome news is made possible by the erection of a new fertilizer plant with complete manufacturing and loading facilities by The Michigan Fertilizer Company.

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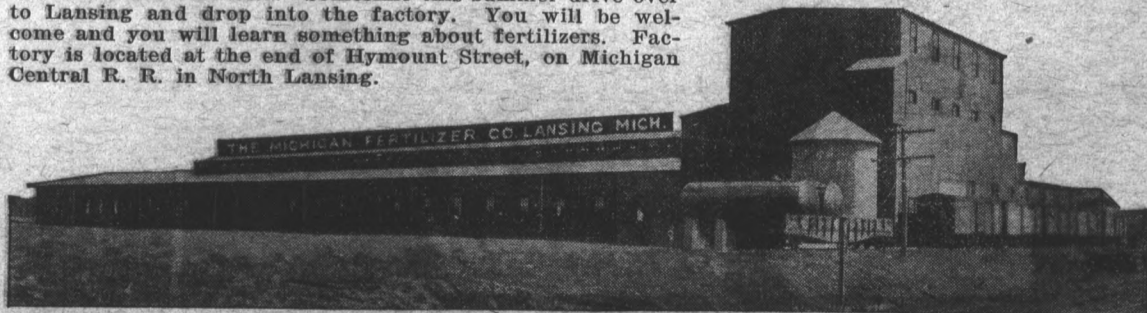
In planning your fall fertilizer requirement decide now to use Wolverine fertilizer. Sometime this summer drive over to Lansing and drop into the factory. You will be welcome and you will learn something about fertilizers. Factory is located at the end of Hymount Street, on Michigan Central R. R. in North Lansing.

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EDITED IN  
MICHIGAN

Published Bi-Weekly at  
Mt. Clemens, Michigan

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

# The Michigan BUSINESS FARMER

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SATURDAY, MAY 26, 1928

GEORGE M. SLOCUM  
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MILON GRINNELL  
Editor

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## Where Money for Decoration Day Poppies Goes

"The Old Sheldon Place" Is Now Producing Something Besides "Just Crops"

By EMERSON O. GILDART

POPPIES on Memorial Day are cheerfully purchased and worn by whole battalions of patriotic American citizens who have little or no idea what good the money does that they so smilingly "fork over" to the persuasive buddy who represents the Veterans of the Foreign Wars of the United States. All they have is a vague notion that it goes "for some good cause." Just what the cause, the majority of us have forgotten, if we ever knew.

Its chamber of commerce naively announces to the passer-by that "there's only one Eaton Rapids on earth." Come with me to a spot four miles southeast of this small Michigan city, and I will show you where the money goes that you buy your Decoration Day poppies with. On a splendid, fertile, 42-acre estate just over the line in Ingham county, bordered all along its northern side by the sparkling Grand River, and facing a fine new graveled county-line road, is the new National Home of the Veterans of Foreign Wars. The Michigan Central railroad to Grand Rapids is half a mile away.

November 23, 1925, the farm, long known as "The Old Sheldon place," was taken over by the veterans' national organization, through a deal with a Jackson real estate operator—a deal which, to be candid, was not without its eccentricities, as the boys subsequently found.

Roy S. Williams is an energetic young farmer living on the 280-acre homestead of his fathers, on the opposite side of the road. From boyhood he has known every wood-chuck hole, every crow's nest and the outlet of every tile drain on both farms. When a keeper for the new colony was needed, he was recommended as the logical man. A former owner of this 472-acre estate drove me out to it and introduced me to Mr. Williams, who at the moment was busy getting a gate-post set. He had stopped to look after it on his way back from Eaton Rapids with the home's school bus. A part of his many duties is to drive the orphaned children to and from the Rapids school, for until there are enough to make a school on the farm practicable, this must be done. Sundays he drives them to church and Sabbath school.

### Right Man in Right Place

I found Mr. Williams to all appearances the right man in the right place. He is of the upstanding type of young American farmerhood, with the knack and poise that marks the Yankee strain; he gives every promise of growing up with the enterprise. Every figure I needed for this sketch he had in his head. So I am sure that he has the same grip on all the other necessary details which I did not get to ask about.

There are now thirteen children living at the home; in the cottage and in one of the fine new modern brick dwellings. Their ages range from five to eighteen. Most of them thus far have been committed from the metropolitan area of Michigan. In the cottage lives a widow with her six children. She is the relict of a Spanish war veteran. Two other children, from Virginia, are expected soon. Lillian Pollette, 18, a senior at Eaton Rapids, promises to be the first high school graduate. Conditions are good, doctors little needed, and so far there have been no deaths.

It is a part of the creed of the Veterans of Foreign Wars to provide for the widows and orphans of members. Hence the home. It is planned much after the order of Mooseheart, Illinois, famous colony of the Moose. The property has all been thoroughly

surveyed into village lots, with such a community in view; and year after year, as the orphan requirements increase, new houses and other buildings will be added.

One fascinating feature about the plans is the manner by which the houses are to be provided. They are to be built by states, geographically speaking. That is, the money to build them is raised by the V. F. W. posts throughout each respective state. Michigan led off in 1926, and built the first house—a fine, practical, two-storey, brick square structure of modern design, with plumbing, heat-ventilation, electric lighting and cookery, and nobby furnishings. This year New York followed; the second unit, of the same general form of architecture, is now ready for occupancy. Next year Illinois and Pennsylvania will each complete theirs. With these four comfortable dwellings as a nucleus, and with the landscaping beginning to take on its first intimation of future beauty, by the end of next summer the place will begin to draw attention. This will follow from its own meritorious appearance, to say nothing of its patriotic interest.

The houses look down upon the road from a desirable 25-foot slope. A large white farmhouse commands the middle foreground. It is now used to lodge and dine the five farmhands, but in the future will serve as headquarters. It will provide a port of call for visitors. These at present average one a day.

The new road, built jointly last summer by Ingham and Eaton counties, is no accident. This anyone can see who has ever tried to persuade a pair of boards of supervisors or county road commissions to get together and spend money on a joint road project. There was a man behind the 42-millimeter seige gun that decorates the front yard, and his name was Williams. Like the householder in the parable, he got what he wanted when he wanted it; not without importunity.

### Installed Water Supply

Mr. Williams showed us the private water supply, whose installation he effected himself this summer; the rollicking kiddies, for whose welfare he is responsible; and the home-like interior of the two dwellings. But the crowning achievement of the season, aside from a very successful elaboration of crops, was the stringing of a private power line from the main trunkline of the power company. Engineers of a well-known electric concern demanded \$7,000 to put it up. "We won't pay it!" was the prompt decision of the self-reliant Williams. "We'll build it ourselves!" And build it they did—he and his five huskies from the farm, working whenever the broad and nimble acres gave them a breathing-spell. When the bills were all in, the three miles of 2300-volt line was found to have cost \$2,800. The figures do not include the superintendent's own time; but this was practically offset by the sales of line

rights to five patrons on the right-of-way, who were "hooked on" at \$100 apiece. And one of the power company's bosses tells him that any time it is for sale, they will buy it. "It's a good line."

### Very Productive Farm

The farm, as my driver, the former owner, assured me, is a very productive one. Figures bear him out. Last season the six men raised 1589 bushels of extra grade Michigan winter wheat, 1057 bushels of rye, 3232 bushels of oats, and 168 loads of hay. Cash sales for the year just closed totaled \$5,287. Next year they are expected to run between six and seven thousand.

There is a fine herd of 26 registered Holstein cattle on the place, whose cows average \$200 in cream a month. There are twelve horses, 112 sheep and half a hundred hens.

The farm itself shows a profit already. The colony that is being built up is, of course, another story. This is to be developed and sustained by gifts, coming, for the most part, through the veterans' organization.

### One Cent from Each Sale

Every poppy you buy of the V. F. W. on the street on Decoration Day contributes one cent to this home. This is true throughout the United States. Presumably not a small part of the industries that will keep women's and children's hands busy between play, study and rest spells in the future will be the manufacture of these same poppy boutonnieres here, by the widows and orphans of the nation's defenders.

There is a historical set recently published entitled "America," put out by this organization. The Kelley Book Company, Chicago, its publishers, contributes 1½ per cent of its profits on the sales of this set, for the home.

A third popular source of revenue is the growing business the "buddies" enjoy in the sales of Christmas trees. The idea originated in Michigan, but has spread to New York, Massachusetts, Wisconsin, Minnesota and Montana, and will probably soon conquer the nation. "Do the profits from these trees go to help the Eaton Rapids home?" I asked one burly overseas man, embowered in spruce and shouting himself hoarse. "You bet they do!" he exclaimed. "And next Saturday afternoon we're all gonna drive over there and give them kiddies a Christmas!" And a Christmas they got—we may be sure of that.

The Sheldon farm pleased the veterans by reason of its excellent location. The Grand River washes its northern and eastern boundary, and along its shores is a pleasant picnic grove. The making of \$250 worth of park furniture for the dell was another part of the labors of the colony workers last summer. The little riverside park is a summer rendezvous for veterans and their families from all over the peninsula. They like to picnic here and couple their relaxation with a visit to the growing colony and its capacious grounds. Other folks do, too.

I noticed a squarish, two-storey wooden building, something like an old-time blockhouse, standing in the middle of the barn-yard. "What's that?" I demanded. "Oh," said Williams, "that's to house the electric equipment and other controlling devices—except for the kids; we don't control them from there." "Yeah, but what are all those lace curtains on the windows?" "Oh, they're just to make it look nice."

Lace curtains in a barnyard! Something of an innovation. But it must be all right where the yard is full of aristocratic cows.

## Blossom Festival Was Big Event

By HERBERT NAFZIGER

WESTERN Michigan's Blossom Festival, which was held in Berrien County during the week of May 6 to 12, eclipsed any celebration of former years. The



Herbert Nafziger

interest shown, the attendance, the quality of the pageant and floral parade were all unexcelled. The fruit belt was a mass of bloom, with the pear and cherry trees in full bloom and the apple trees just bursting into bloom.

The selection of the Blossom Queen attracted much interest and certainly proved that not all of Michigan's peaches are of the horticultural kind. Miss Elsie Lemke of St. Joseph was chosen Queen, and her reign was one of grace and beauty.

The May Pageant and crowning of the queen took place beneath smiling skies at Filstrup Field, Benton Harbor, and was a treat for the capacity crowd which filled the stadium.

The Queen's Ball in Shadowland Pavilion at Silver Beach, St. Joseph, was a memorable event and the week's festivities were topped off in

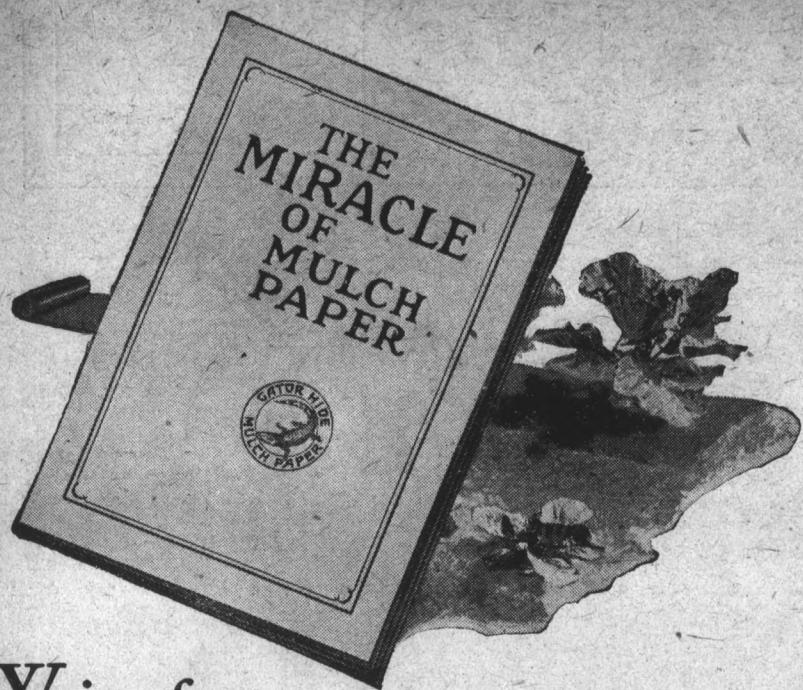
grand style by the great Floral Parade which wended its way through Benton Harbor and St. Joseph on May 12 between solid walls of applauding people, about one hundred thousand strong. One hundred and six beautifully decorated floats and sixteen bands formed the parade together with a police escort on motor-cycles, color guard of the St. Joseph American Legion, and Michigan Naval Reserves. Heading the parade was Kellogg's Band of Battle Creek. Then followed the Blossom Queen's float, and the parade moved on past the appreciative throng.

The grand Sweepstakes prize was won by a float entered by the Preston Lumber Company of Benton Harbor. This beautiful creation showed an enormous peach resting on a pillow of blossoms. The peach was halved with the upper half tipped up like a lid. Inside of the peach sat a human "peach", Miss Katherine Howard of Benton Harbor.

Winners of first prizes in the various classes were as follows: Cities, Holland, Mich. Villages, Hartford. Trade associations, Benton Harbor Retail Merchants Association. Clubs, Benton Harbor Exchange Club. City schools, St. Joseph High School. Village schools, Hartford. Rural schools, Stewart. Retail, Landmans, Inc. Lodges, Benton Harbor Elks. Religious, House of David. Private cars, A & P Stores. Industrial, Berrien County Package Company.

### LET'S PROTECT RURAL MICHIGAN

BECOME a Minute Man; encourage your neighbors to join the organization; organize your township; see that three of the members are deputized, and we will co-operate with you in every way possible to assist you in putting across an organization in your locality, then as soon as the townships are properly organized, the county organization will be made.



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## Farmers Service Bureau

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

### SELLING UNSANITARY MILK

How long has it been in the Pure Food Laws that one can send milk to condensaries and Detroit milk stations from cows that have been fresh only twenty-four hours? Where should I report such conduct?—J. L. H., Spring Arbor, Mich.

ACT Number 222 of the Session Laws of 1913 prohibits the sale of unsanitary milk and cream and defines milk as follows: "Milk shall mean the fresh, clean, lacteal secretion obtained by the complete milking of one or more healthy cows, excluding that obtained within 8 days before and 4 days after calving."

A fine of \$100 may be imposed for the sale of milk produced within four days after calving. Act Number 246 of the Public Acts of 1887 makes it unlawful to sell impure milk or colostrum. Violations should be reported to the City Health Department or to the State Department of Agriculture.—Bureau of Dairying, State Department of Agriculture.

### CAN REMOVE FROM OFFICE

Can you inform me if a justice of peace can still hold office after being arrested and convicted of violating game laws?—J. N. N., Newberry, Mich.

THE charges against the justice of the peace could be reported to the Governor, supported by affidavit. The justice would have to be served with a copy and given an opportunity to defend. If the charges warrant it, the Governor would have authority to remove him from office.—Legal Editor.

### MUST HAVE LICENSE

Does a person have to have a license from the State in order to sell real estate for other people and collect commission? If so, how and where is license to be obtained? A party outside the State wants me to buy him a farm that he has in mind here, and I wondered if it would be legal?—S. G., Alanson, Mich.

IT is necessary that a person who desires to sell real estate for others and collect a commission, must first obtain a real estate license, which is granted by this Commission.—Michigan Securities Commission.

### COULD TAKE STRAW

We are renting a farm and our contract says the rough feed should be fed on the farm. But we bought, when we came, two loads of straw. Now can we, when we move, take that much straw with us? Or if we want to can we sell two loads of straw for what we can get out of it? Can we move corn and fodder if it isn't husked?—G. H., Isabella Co.

THE common practice where tenants bring feed or roughage on the farm at the beginning of the leasing term is that they have the privilege of taking the same quantity or same value of the product with them when they go.

Under your contract you could not

remove the unhusked corn from the place as corn fodder would be classed, probably, as roughage feed. I would advise that you either husk the corn out before leaving or else make some special arrangement with the landlord.—F. T. Riddell, Research Assistant in Farm Management, M. S. C.

### MUSKRAT FENCE IN GROUND

How deep should the fence in the ground be for muskrats?—L. M., Hemlock, Mich.

IN regard to depth of muskrat fence in the ground, I can only say that we lack really authoritative data for a general reply. However, the custom in the State seems to be to sink fence about six inches below the surface in upland, and from one foot to eighteen inches in marsh ground. Of course, these depths vary with circumstances. It will be necessary to sink the fence much deeper wherever it crosses any sort of water course. The above figures will probably be satisfactory in most cases.—G. W. Bradt, M. S. C.

### Bulletin Service

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

- No. 1.—POULTRY RATIONS.
- No. 2.—MODERN WATER SUPPLY.
- No. 3.—SOIL FERTILIZERS.
- No. 4.—SEED CORN CURING.
- No. 5.—GOSPEL OF GOOD FEEDING.
- No. 6.—BEFORE YOU INVEST.
- No. 7.—FARM SANITATION.
- No. 8.—FIRST MORTGAGE BONDS.
- No. 9.—FROM EGG TO MARKET.
- No. 11.—MINERALS AND FEEDING.
- No. 12.—LINSEED OIL MEAL.
- No. 13.—FIGHT THE CORN BORER.
- No. 14.—UNDER-GRADE APPLES.
- No. 16.—TIRE CARE.
- No. 17.—FARMERS' TAX GUIDE.
- No. 18.—BARN AND HOW TO BUILD.
- No. 19.—CONCRETE BUILDINGS.
- No. 20.—MOTHS AND BEETLES.
- No. 21.—FEEDING FOR EGGS.
- No. 22.—CHICK CARE AND FEEDING.
- No. 23.—BETTER GRAINS AND HAY.
- No. 24.—100 FOODS FROM 4 RECIPES.
- No. 25.—FARM LEASE SYSTEMS.
- No. 26.—ORCHARD MANAGEMENT.
- No. 27.—RASPBERRY PLANTATION.
- No. 28.—POULTRY FEEDING SECRETS.
- No. 29.—FLIES IN DWELLINGS.
- No. 30.—MORE MONEY FROM COWS.
- No. 33.—CULLING FARM FLOCK.
- No. 34.—POTATO GROWING.
- No. 35.—PROFITABLE ORCHARDS.
- No. 36.—TRACTOR LUBRICATION.
- No. 37.—MODERN POULTRY HOUSES.
- No. 38.—POULTRY, SWINE DISEASES.
- No. 39.—AUTOMOBILE LUBRICATION.
- No. 40.—YOUR TRACTOR.
- No. 41.—A FEW BOARDS.

Bulletin No. 42.—FARM REAL ESTATE ASSESSMENT PRACTICES IN MICHIGAN. In this 80-page bulletin R. Wayne Newton and W. O. Hedrick, of the Michigan State College, have gotten out a good piece of work dealing with taxation in this State.

## Where Our Readers Live

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

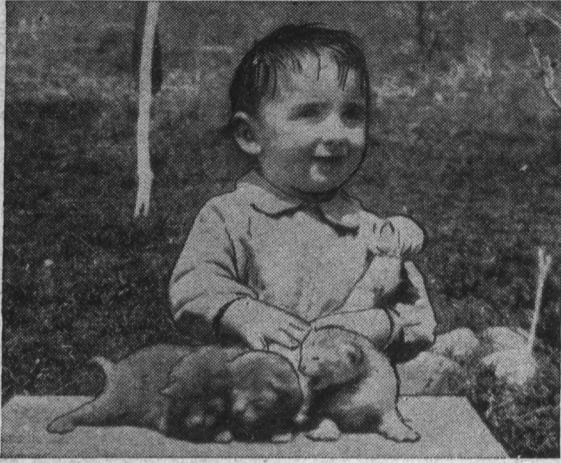


Home of Mr. and Mrs. W. F. Tooker on Fairview Farm in Saginaw county.

# THRU OUR HOME FOLKS' KODAKS



**"WASH DAY ON THE FARM."**—Mrs. Earl Parker, of Huron county, sent us this picture and suggested the title. "My son, Billie," she writes. A nice basketful of "clothes."



**PLAYING WITH HER DOLLY AND THE KIT-TENS.**—This is Doneva Woodruff with "her family," according to her grandma, Mrs. Ira Woodruff, of Antrim county.



**READY FOR CHICKEN THIEVES.**—"Our air-dale dog, Marie, is a very good insurance against chicken thieves," writes Mrs. Chas. Denstaedt, Grand Traverse county.



**CHRISTINE PETCHELL AND HER DOG.**—Christine is the granddaughter of Chris. Miller, who lives in the western part of Presque Isle county.



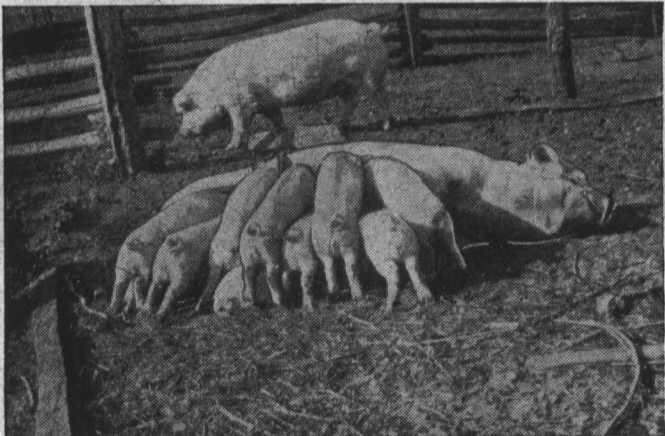
**"ON OUR FARM."**—Mrs. F. G. Lange, of Ingham county, writes, "This is Frieda Lange, my daughter with her heifer calf, 'Foxtrot'."



**"IN THE TIRE BUSINESS."**—Picture of Alford Ward, of Oceana county, with his wife. Sent in by Frank A. Ward, of the same county.



**LOUISE AND REX.**—Louise is the young daughter of Mr. and Mrs. Chas. S. Peterson, of Ionia county. Rex is her very best pal.



**"MEALS AT ALL HOURS."**—This picture came from Elias Dalaba, of Tuscola county, who advises that it is of his "hog family."



**MRS. BERNICE SENSIBA AND DAUGHTER.**—They live in Kalamazoo county.



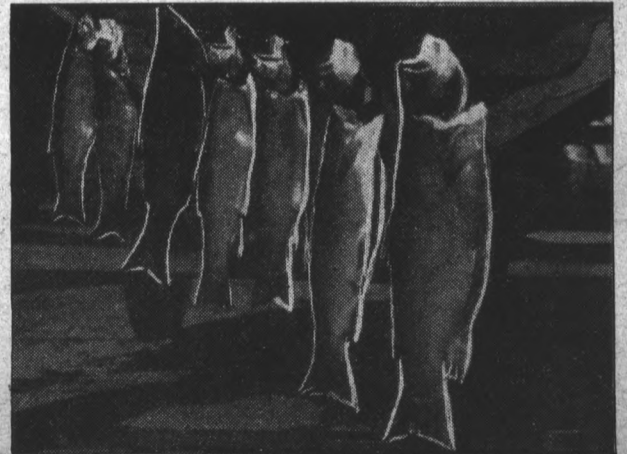
**AN ISABELLA COUNTY "TRACTOR."**—"Our tractor hitch, Lou and Nancy, three and four years old," writes Floyd House of Isabella county. Well matched pair, aren't they?



**ALL READY FOR A DAY'S WORK.**—Ed Rossow, of Gratiot county, with his three horses, Top, Maude and Prince. The picture was taken and sent in to The Business Farmer by Mrs. Rossow.



**A SIDE LINE ON THE FARM.**—Operating a gasoline service station is a part of the "farming" that Mrs. L. J. Bosaw, of Oakland county, does.



**SOME DANDIES, EH?**—Who wouldn't like to catch a string of speckled beauties like these? We don't blame Frank Covell, Jr., of Cheboygan county, for taking a picture of them to show as evidence.



Seed treated with DIPDUST  
23 Sound—2 Decayed

Same seed treated with  
corrosive sublimate  
4 Sound—21 Decayed

## Which Seed Will Produce the Most Potatoes?

Compare the results of the new Instantaneous Dip—DIPDUST—with the old-fashioned "two-hour soak" treatment. Above is a photograph taken on the farm of A. Schlechtweg, Freehold, N. J.

While vines were still green, 25 consecutive DIPDUST and corrosive sublimate treated hills were dug. Dipdust hills had 23 sound and only 2 decayed seed pieces. Corrosive sublimate hills had only 4 sound and 21 decayed seed pieces.

DIPDUST is much more effective than the old-fashioned ways of treating seed potatoes. Besides, you can treat your seed potatoes as fast as you can scoop them up. Just dip them in Dipdust solution and out again and your seed is all ready to plant. One man can easily treat from 200 to 400 bushels of potatoes per day.

There is not the slightest danger of injuring the sprouts or even cut seed. DIPDUST controls surface-borne diseases, such as Rhizoctonia, scab and black-leg, and protects cut surfaces from seed rotting organisms in the soil. It insures sturdy profitable plants that will increase your yield from 15 to 25 bushels per acre.

### GUARANTEE

Plant a few acres of DIPDUST treated seed in alternate rows with untreated seed. If, at digging time, you are not satisfied, return the empty DIPDUST can to us and we will refund price paid.

One pound treats 15 to 20 bushels of seed potatoes.

### Treat your Corn and Vegetable Seeds too

You can now also disinfect your seed corn and vegetable seeds with DIPDUST and increase your yield by preventing many of the diseases which cause poor germination, weak, spindly plants, and poor quality crop. Simply use as a dust treatment. It is easily and quickly applied and costs but a few cents per acre. One pound of DIPDUST will treat six bushels of seed corn, or from six to eight bushels of vegetable seed.

The Bayer Company, Inc., Agricultural Dept., 117 Hudson Street, New York, N. Y.



4 ounces - 50 cents

1 pound - \$1.75

5 pounds - \$8.00

## THERE IS STILL TIME TO ENTER

The Farm Home Yard Beautifying or Improvement Contest and here is an Application Blank for your convenience. If you are not familiar with the details, write us.

### APPLICATION BLANK

Editor, The Business Farmer,  
Mt. Clemens, Michigan

Kindly enter me in your Farm Home Yard Beautifying or Improvement Contest, which started March 31, 1928, and ends September 1, 1929. I understand that I am not bound in any way to continue throughout the contest if at any time I should decide to drop out but I will advise you of the fact.

Name..... R. F. D.....

Town..... State.....



## Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

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

### Rush

**Y**ES, rush is the word which exactly explains the farmer's work today. Nature does not seem to be rushing the season any, but by nature's weather freaks last winter the farmer has been compelled to rush and try, if possible, to transfer barren wheat and hay fields into other field crops that may be better than nothing.



L. W. Meeks

I do not remember when wheat fields were so generally torn up for oats or barley as this spring. Once in a while some farmer sowed clover seed very early, and, not wanting to tear up this seeding, they have left the wheat for what it may prove to be. We have one field that is protected on the west by a tall timber lot and this wheat is considered very good. I just drilled clover and timothy seed in it and the west half of the field is very good. The east half is not nearly as good and altogether the field may yield ten or twelve bushels per acre! And it is the best field in this section that we know of. If oats and barley are a good crop this year there will certainly be some bulging granaries.

It is about the middle of May and farmers are just beginning to get well started with corn ground plowing. This late season corn planting has been the rule now for several years and I wonder if we are to continue to have these late springs or are we going to get back after a few years to the good old springs when May 10th was the proper time to plant corn, and oats sown in May were almost unknown. One can remember when years ago some springs were slow in arriving, but when they did arrive we knew it. Now when springs are so late in getting here we do not have the warm, balmy weather we used to have.

### Corn on Alfalfa Land

"We have a field that has had alfalfa on it for eleven years. Will this field grow good corn without manure this year?—L. V. Caro., Mich."

I can hardly imagine a better place for corn than on an eleven year old alfalfa field. Good corn could be expected without adding any more plant food, but the addition of some fertilizer in manure or commercial fertilizer, will pay a fine profit. Two or three hundred pounds of 20% acid phosphate per acre, drilled in with a grain drill or worked into the soil after being applied with a broadcast sower, will balance up this old alfalfa sod and hasten up the maturity of the corn in fine shape.

### Salt on Beans

"I have heard that salt sowed with beans helps to kill the weeds. How much is used per acre and how do you sow it?—F. B., Akron, Mich."

Honestly, I don't believe salt will keep the weeds from growing. If you use salt enough to hinder weed growth it will likewise put a kink in the beans or what ever else you plant. If any of our readers have tried salt on beans, we wish they would write and tell us of their experience.

### Cover Potatoes With Straw

"Will straw prove to be a good thing to cover potatoes with, to save having to cultivate them and will it make them earlier?—S. D. C., Remus, Mich."

Yes, straw is a fine thing to cover potatoes with. Don't cover them more than an inch or so with soil, and be sure the straw is thick enough to keep the weeds from starting. About saving the labor of cultivating, I'll say it is more work to apply the

straw than to apply the cultivator. But at that, straw covered spuds, are a winner. I do not know that it will make them earlier.

### Diseased Potatoes

A subscriber at Wayne inquires if it will be all right to plant potatoes that have black spots in them. I would not do it. There are several degenerate diseases that show black spots in the potato. Some of these are very serious and the potato crop is far too expensive and valuable to chance by using diseased seed. It is possible these would produce nice tubers, but the chance is against them. Sometimes however, storage conditions, etc., are the cause of blackness in a potato and when this is the cause, they are generally all right for seed.

### Is This a Discrimination?

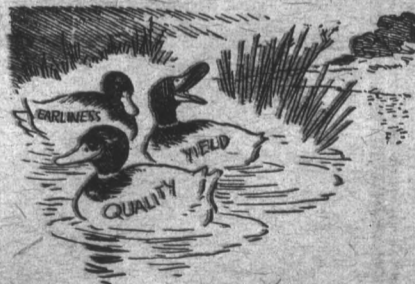
About the chief topic of conversation in the thousands of country schools which dot Michigan every three or four miles, is the "Eighth Grade Examination." I could never understand the situation which makes it necessary for a country school lad or lass to have to take any more or severe examinations than the city or town pupils do. Yet it is a fact that our great State says country pupils must do this, if they wish to go to high school. Do not understand me as saying these examinations are not a good thing. I think they are, but I do protest the compelling of country school pupils to take them, while city and town pupils are exempt. In town schools, pupils simply take the regular examinations given by their teachers, and pass right along into the ninth grade. No more requirements for them to get into high school. Country pupils are compelled to go to some "great" nearby high school, which many, on their first visit, view with a feeling of awe, and a frightful appalling sensation often develops in them, with the result they are not at their best while writing the examination. I would require the town students to take the same identical questions, and pass the requirements that the country children do. I am of the opinion many of them would not glide in quite so easily if the eighth grade test was a barrier they had to overcome before high school could be entered. The country kid has enough obstacles to overcome in getting his education, without this extra requirement. If there is any justification in this practice being forced on rural districts, let's know what it is.

### WHAT IS WRONG

Mary: "Why doesn't baby talk, mother?"

Mother: "Baby is only a week old and babies do not talk until they are a year or so old."

Mary: "That's funny. The preacher last Sunday read about Job cursing the day he was born."



—Courtesy Fertilizer Review.



## Keep Your Tractor Contented by Using Polarine

**A** TRACTOR will "quit" you know—and threaten to "quit" just like a dissatisfied man.

Of course a tractor can't leave you—but it can refuse to work and it can wear out before it should. When a tractor quits it means delays and repairs that cost you money. You can't afford to have your tractor quit!

There is always some sound and sensible reason when a tractor "kicks". Usually it's oil. You can easily *prevent* trouble by keeping your tractor well lubricated—by using Polarine.

If you stop to think about it, the engine of a tractor has a pretty tough job. A tractor ploughs—harrows—discs—cultivates—in a cloud of dust. Dirty work! Grime is constantly getting into the engine and if oil isn't there to protect it, trouble starts.

Polarine cushions all the moving surfaces of the engine and *keeps* them cushioned with a film of oil. It protects them from the grinding of grit. If your tractor is lubricated with Polarine you will hear a steady contented whir from the engine—a song of a worker that is willing and tireless—a mighty good song to hear when there's work to be done!

Polarine is the economical oil for tractors—efficient—always dependable, as the thousands who use it will tell you. There's a special grade made for your tractor. Try it! For Fordsons—use Polarine Special Heavy!

**Standard Oil Company, 910 So. Michigan Ave., Chicago, Ill.**  
(Indiana)

## Bacteria Multiply When Milk Is Warm

Tests show that milk kept for 12 hours at 50 degrees F. has a bacteria count of 18,000, as compared with a count of 55,300,000 when kept for 12 hours at 80 degrees F.

A low bacteria count means less loss from souring, higher quality and consequently higher price.

### Use Concrete Cooling Tanks

Your market requirements for quality can be met by the use of concrete for cooling tanks, stable floors and mangers. Concrete is sanitary, easy to clean and keep clean and requires no repairs.

"Concrete on the Dairy Farm," a 32-page booklet, tells the whole story. Your free copy is waiting.

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Concrete for Permanence

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\$7.00 per 1000 in 1,000 Lots  
\$4.00 per 500 in 500 Lots

F. O. B. Cars, Augusta, Mich.

Write us for descriptive Price List of Quality Packages  
AUGUSTA BASKET COMPANY :: Augusta, Michigan

## "On 15 acres of corn, I lost but 3 or 4 hills"—

writes A. B. Wilnot, of E. Thetford, Vt. And it cost Mr. Wilnot only about \$3.00 to save from 1-4 to 1-3 of his entire crop. Previously, the crows and other pests had fairly picnicked on his corn-fields. Hill after hill was entirely pulled up. Hill after hill he had to replant every season. This cost him not only money but it cost him a lot of his valuable time right at planting time. Then someone told him of a way to coat his seed corn in a mixture that no crows or any other pests would touch, after they once had a taste of it. This corn-saver was

## Stanley's Crow Repellent

Mr. Wilnot sent for some. He mixed it with his seed corn. He did not have to wait for it to dry, but planted it at once. And it did not clog the planter. It did not injure the seed corn. It was not poisonous, so it would not kill birds or animals. But it did keep every crow, mole, squirrel and other pest off his corn-field, after they got the first whiff of it. Now there are no more scare-crows in Mr. Wilnot's field. There's no more worry over not getting a full crop, so far as pests are concerned. And Mr. Wilnot is only one of hundreds who have written us that they would never plant a hill of corn again without coating their seed corn with Stanley's Crow Repellent. "Money Back" guarantee. Large can, enough for 2 bu. of seed corn (8 to 10 acres), \$1.50. Half size, \$1.00. If your hardware, drug or seed store doesn't have it in stock, order direct. Address, Cedar Hill Formulae Co., Box 500 B, New Britain, Conn.



Seed coated with Stanley's Crow Repellent

## What the Neighbors Say

(We are always pleased to receive letters from our subscribers and gladly publish those on subjects of general interest. If you agree or do not agree with what is written and published in this department write your views and send them in. The editor is sole judge as to whether letters are suitable for publication or not.)

### DESIRES TO PROTECT FARMERS

MY dear Editor:—I want to thank you for the highly complimentary notice in your issue of February 18, 1928, entitled, "Thank you, Judge Sample." In the administration of my office it is my desire to protect those communities which seem the least protected and, of course, having been raised on the farm my mind constantly harkens back to the condition of the farming community. Very sincerely,—Geo. W. Sample, Circuit Judge, Washtenaw County.

### CORN BORER PAY

DEAR EDITOR:—I would like to have you investigate those "farmers" from Indiana who went to Washington and made the report that the rest of the farmers in the corn borer area did not want pay for extra labor in combatting the corn borer. There must be something wrong with their heads, or they have been hired to make such a report, or they are bank-book farmers and not interested in the welfare of brother farmers. Yours for success.—L. E. Hobson, Lapeer County. —It is plain to be seen that something must have been wrong. Neighbor Hobson, because any farmer who is familiar with the corn borer and knows the clean-up work that must be done would not say that farmers did not want pay for their extra labor. Some tell us that farmers in the corn belt are not sufficiently informed on the matter and believe it will be exterminated before it ever gets to their corn fields. Well, any of them that believe that are going to be greatly fooled.—Editor.

### SAYS PHEASANT DESTROYS

DEAR EDITOR:—Have read your articles from different parts of the state, regarding the habits of the pheasant, the damage and good they do, etc., and will say that they can't tell me the pheasant does not do damage. Four years ago they thinned out a piece of barley and oats by pulling up the sprouted grain, and five years ago I husked nearly half of the twelve-acre field of corn, and a good third was picked from the tip of the ear by pheasants. Early in the morning as I could see across the field, the same flock, numbering about thirty, were in the corn like a drove of turkeys.

I wrote the Department of Conservation at Washington, D. C., asking if the game farmer had a legal right to raise pheasants and then turn them loose to prey on the farmer, and instead of answering my question directly, they sent me a handful of literature, indicating how useful they were to the farmer, eating insects, etc. As if a farmer couldn't see for himself! Last, but not least, the State takes the law off the male bird a week, then we are pestered with a lot of renegades from the city and surrounding towns, climbing over fences, leaving gates open and shooting among our stock from their cars in the highway across our farms.

Our county took the bounty off crows and sparrows, and is using the money to raise pheasants to annoy us and to furnish sport for the city man. One good thing about the crow, he helps exterminate the pheasants by robbing nests, and one bad thing about the crow, he robs an unlimited amount of song birds' nests.

Have you noticed our song birds are not so plentiful as they were a few years back! Our apple orchard is near the house, and I notice the crows come from the woods and watch the trees for song birds' nests, from early spring until after the nesting season is over, and quite often see the song birds try to protect their young. Why don't the farm organizations wake up and work in a law to pay a bounty on sparrows and crows, and stop this nuisance of supporting a game farm to raise pheasants and furnish a snap job for a favored few of our State officials' friends?—Mrs. J. C. L., Ingham County.

### SOLDIER'S BONUS

DEAR EDITOR:—I was a soldier in the World War and am entitled to a soldier's bonus of \$1,085 in 1945. I have bought a 70-acre farm, it is not all paid for, and now is the time I could make good use of this money. I would use it to pay on my farm.

I wish someone would have brains enough to change the bonus bill. I think in 1945, when the bonus is due, there will be a good many of us soldiers under the sod. I will need no help then.

I would like to hear what some other soldiers or anybody else has to say about this.—Napoleon Belanger, Leelanau County.

## Fruit and Orchard

Edited by HERBERT NAFZIGER, Berrien County

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

### APPLE SPRAYING SCHEDULE

I have an orchard of 100 apple trees and I would like your advice on when to spray and what to use.—F. L., Mason, Mich.

HERE is the regular commercial apple spray schedule for Michigan: 1. DORMANT. Early spring, 12½ gallons lime-sulphur to 100 gallons water. This is needed for scale only. If you have red mite you will need to spray with oil spray. This will also control scale.

2. PREPINK. As soon as the blossom buds show, 2½ gallons lime-sulphur, one pint nicotine sulphate, to 100 gallons water. For scab and aphids.

3. PINK. Just before the blossoms open, 2½ gallons lime-sulphur to 100 gallons, for scab.

4. CALYX. Immediately after the blossom petals have dropped, 2½ gallons lime-sulphur, three pounds powdered arsenate of lead, to 100 gallons. For scab and codling moth.

5. TEN DAY. Ten days after number 4. Same materials.

6. TWENTY-ONE DAY. Twenty-one days after number 4. Three pounds arsenate of lead to 100 gallons water.

7. SECOND BROOD. This usually

comes during the first week in August. Better ask your county agent for the exact date for your section each year. 2½ gallons lime-sulphur, two pounds arsenate of lead, to 100 gallons. For scab and second brood codling moth.

### PLUMS FAIL TO BEAR

Kindly advise us what to do make our plums bear. Every spring we treat them by spraying and they bloom beautifully and the fruit begins growing, looking as though we are going to have a good harvest but when the plums are half grown they begin falling off and by the time the fruit is ready to eat we have about a dozen left on a tree.—J. F., Petoskey, Mich.

WE believe that your plums are infested with curculio. To control this insect spray with arsenate of lead immediately after the blossoms drop and again two weeks later. The regular dose is about three pounds to 100 gallons of water but during the first year this can be increased to about five pounds. Two and a half gallons of lime-sulphur can be added to the mixture to control rot. Lime-sulphur is not recommended for Japanese plums.



# Alert!

Conducted By  
**ROBERT J. McOLGAN**  
Business Manager Protective Service Bureau

**MR. W. F. LOVEJOY**, of R. F. D. No. 2, Milford, Michigan, has written in requesting us to explain the object of our Minute Men movement. His questions seem to indicate that there may be a doubt in the minds of the farmers of our State just what our object is in organizing the Minute Men, and what we intend to do with the organization. His letter seemed of such importance that I am going to quote his questions and give the answers to each question, with the hope that it will be of benefit to other farmers who are now organizing other townships throughout the State.

Mr. Lovejoy's first question reads as follows: "Just what is the organization of 'Minute Men'?"

The Minute Men movement is fostered by **THE BUSINESS FARMER** to unite the farmers of Michigan into a solid body, with the sole object in mind of stopping the universal stealing in rural districts. The first unit in the Minute Men movement is the township, then the county, and finally a solid State organization. We propose in each township to co-operate in all instances with local officials, and it is our desire to have a group of about three farmers in each township deputized by the local county sheriff. We will then proceed to thoroughly organize each township within a given county, then there will be a county organization, and finally a State organization developed from this group. The crooks are always organized; they believe in co-operation and we as farmers should learn a lesson from them, and stick together, for it has been truthfully said that there is honor even among thieves, and certainly we should unite in order to defeat them and finally drive them from our State.

The second question is, "What or how much authority do the Minute Men have?"

The Minute Men, as individuals, have no additional authority other than private citizens, but as stated in reply to the first question, we will request that three deputy sheriffs be appointed in each township more or less as the case warrants, and depending of course upon the co-operation we receive from the county sheriff in said county, as we have no authority to make appointments ourselves. For example, should one of our farmers have some property stolen, the Minute Men will immediately respond to his call, and in that group will be from one to three men that will have authority to make arrests, so that in case a thief is being pursued, the group of farmers will have the right to make the arrest at the time he is caught.

The third question is "What does it mean to be deputized?"

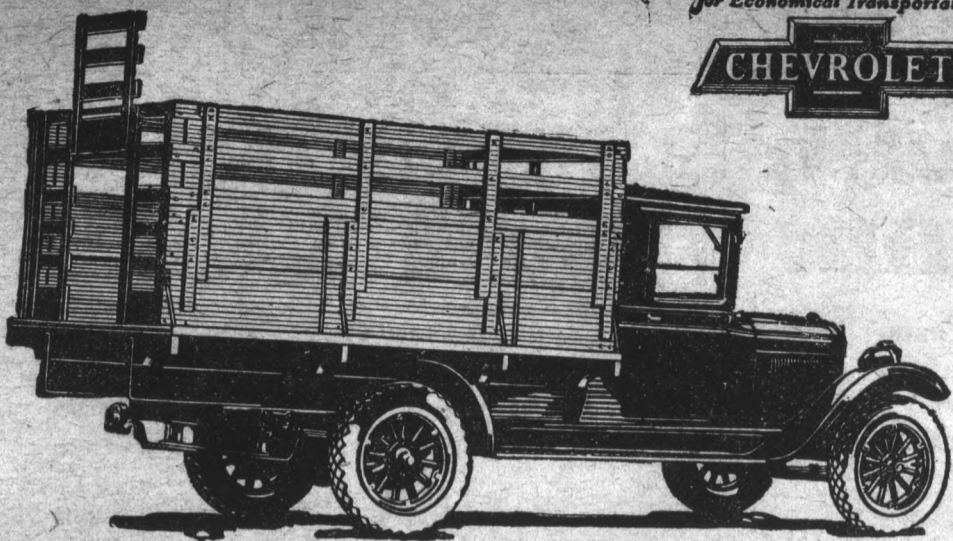
This simply means that your local county sheriff appoints you a deputy sheriff, with the usual authority and power to arrest the same as any deputy sheriff has in the county at the present time.

The fourth question is, "Are they volunteer assistants to the law and officers of the law?"

This is a voluntary organization and as such, is pledged to give assistance and co-operation to all local law enforcement officials. It is expected that the Minute Men will work whole-heartedly in conjunction with all officials, and in turn you can depend upon it that the same officials will be anxious to co-operate with the Minute Men, and to produce arrests and convictions when they realize that a group of farmers are solidly organized in their county to see that such law enforcements are carried out.

The last question is, "Has a Minute Man authority to make arrests?"

The Minute Man, as an individual, does not have any more authority to make arrests than any other private citizen, but there will be enough men in each township deputized that arrests can be made quickly and promptly.



Utility Truck with Combination Stock and Grain Rack Body

## A Farm Truck of Proved Dependability and Economy

### UTILITY TRUCK

**\$495**

(Chassis Only)

f. o. b. Flint, Mich.

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Light Delivery

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Fast, rugged and dependable . . . and amazingly economical in their consumption of gasoline and oil—Chevrolet trucks have repeatedly demonstrated their ability to provide the world's lowest ton-mile cost. Farmers all over the country have learned by actual experience that Chevrolet trucks meet their strenuous needs perfectly—and with outstanding economy.

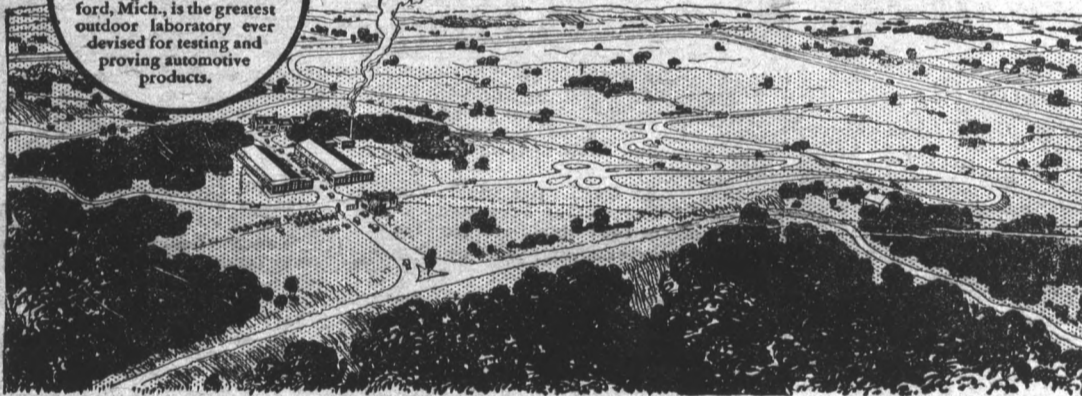
Your Chevrolet dealer can provide a body type designed especially for your requirements. See him today and arrange for a trial-load demonstration.

CHEVROLET MOTOR COMPANY, DETROIT, MICHIGAN  
Division of General Motors Corporation

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Comprising a tract of 1245 acres, the General Motors Proving Ground at Milford, Mich., is the greatest outdoor laboratory ever devised for testing and proving automotive products.

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Is all you will need to buy if you select with care. The Auto-Oiled Aermotor is made to last a lifetime. It oils itself, adjusts itself to the strong winds, and works quietly and efficiently in any wind. Day after day, year after year, you will depend on it to pump the water which you are constantly using.

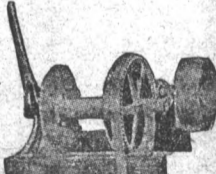
If you choose an Aermotor of the right size for your well, and a tower high enough to get the wind from all sides, the Aermotor will do the rest. One oiling a year is all that it needs. The gears run in oil in a tightly enclosed gear case.

The improved Auto-Oiled Aermotor is stronger and better than ever. It is so skillfully designed and so well made that there is nothing to get out of order. Turn it loose and let it run, and you will always have fresh water when you want it.

AERMOTOR CO. . . 2500 Roosevelt Road . . Chicago  
Dallas Des Moines Oakland Kansas City Minneapolis

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and  
**HANDLE HAY**  
quicker  
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MADE BY



IRELAND MACHINE & FOUNDRY CO.  
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THE BANTING MFG. CO.  
2401 Dorr St. Toledo, Ohio

## Wisconsin Dairy Land

In upper Wisconsin, the best dairy and general crop state in the Union, where the cow is queen. The Soo Line Railway is selling out over land in the rapidly growing dairy sections at low prices. Liberal contracts, fifteen years to pay. Ask for booklet 50 and about homeseekers rates.

H. S. FUNSTON, SOO LINE RY.,  
Minneapolis Minnesota

ORDER ISSUED BY AUTHORITY OF ACT 230 OF THE PUBLIC ACTS OF 1925, CLOSING THE STREAMS OF THE STATE TO BROOK TROUT FISHING FOR A PERIOD OF FIVE YEARS COMMENCING ON THE FIRST DAY OF MAY, 1926.

STATE OF MICHIGAN } ss  
COUNTY OF INGHAM }

The Director of Conservation, having made a thorough investigation of conditions relative to brook trout fishing, recommends the closing of the trout streams for a specified period.

THEREFORE, the Conservation Commission by authority of Act 230 of the Public Acts of 1925, hereby orders that for a period of five years from the first day of May, 1926, it shall be unlawful for any person to take, catch, or kill, or attempt to take, catch, or kill any brook trout in the rivers and streams of the State, excepting those rivers and streams designated, or to be designated by the Conservation Commission, under penalties provided by Section 5 of Act 230 of the Public Acts of 1925.

Signed, sealed, and ordered published this twenty-first day of September, 1925.

JOHN BAIRD  
Director, Department of Conservation.  
Conservation Commission by:  
W. H. WALLACE  
Chairman  
EDGAR COCHRAN  
Secretary

ORDER ISSUED BY AUTHORITY OF ACT 230 OF THE PUBLIC ACTS OF 1925, LIMITING THE NUMBER OF BROOK TROUT WHICH MAY BE TAKEN AND HAD IN POSSESSION FOR A PERIOD OF FIVE YEARS FROM THE FIRST DAY OF MAY, 1926.

STATE OF MICHIGAN } ss  
COUNTY OF INGHAM }

The Director of Conservation, having made a thorough investigation of conditions as they affect the taking of brook trout in the inland waters of the State, recommends certain restrictive regulations.

THEREFORE, the Conservation Commission by authority of Act 230 of the Public Acts of 1925, hereby orders that for a period of five years from the first day of May, 1926, it shall be unlawful to take in any one day more than fifteen brook trout or to have in possession more than twenty-five of these fish taken from the inland waters of the State under penalties provided by Section 5 of Act 230 of the Public Acts of 1925.

Signed, sealed, and ordered published this 8th day of February, 1926.

JOHN BAIRD  
Director, Department of Conservation  
Conservation Commission by:  
W. H. WALLACE  
Chairman  
EDGAR COCHRAN  
Secretary

## CATAPULT By NORRELL GREGORY

Another Tale of the Homestead Country

### HOW IT ALL HAPPENED

ILL health caused the Muirs—father, mother, Mary and Terry—to sell their Iowa farm and move westward. Accompanied by Doug Summers, an orphan who has lived with the family for many years, they located in Colorado. Doug and Mary plan to wed but times are hard for the first couple of years and Doug suggests that he is going to earn some money riding wild horses. The Muirs do not approve and Doug leaves home. After riding several horses successfully he has a chance at "Catapult," the one horse that even the best riders of the country had not been able to conquer. He is thrown the first time but he determines to try again for the purse of \$1,000 offered. Back on the Muir ranch they are losing cattle and it looks as though there were thieves at work.

(Continued from May 12th issue)

LOOK at that cow," he said. "Can you tell who she belongs to without looking at the brand?"

"These cattle up here," he complained, "look so much alike that I can't see much difference in them, but if that isn't the old whitefaced cow that caused us so much trouble breaking into the stacks last winter, why I'm a liar."

"She looks familiar to me, too," said Mort, "but I'll bet five dollars to a rice straw I can tell you what brand she's wearing without moving out of my tracks."

"If that's her," said Terry, "it would be easy to guess that she wore the Bar Z Bar—our brand."

"Don't kid yourself," snorted Mort. "I'm bettin' on her wearing that new brand, that Bar Box X Bar, made this way." And he diagrammed it by a bar over a square box with an X inside and another bar underneath.

Terry spurred down and turned the cow. "Bar Box X Bar," he said.

Mort joined him.

"See how easy it would be to change the Bar Z Bar into that?" he asked.

"I see," said Terry. "But that brand looks all right. If it's our cow they had to add some fresh lines to the brand, didn't they? And anybody can tell a fresh brand from an old one."

Mort snorted in disgust.

"You never seen a blanket expert's work, kid," he said.

"They can't do that," said Terry. "We'll miss the cattle."

"Come on," said Mort. "Got something else I want to show you."

They rode for some time after that without comment. Mort stopped and examined every dead animal, of which there were plenty, carefully. If the brand was not uppermost, he turned the animal.

"Here," he said, pausing at the fourth carcass they found. "Now take a good look at this brand. See anything wrong with it?"

It was their brand, Bar Z Bar, and Terry dismounted to have a close look. Then he noticed that the Z was backward.

"See it?" grunted Mort.

"I see that the Z is backward," said Terry slowly, "but that don't mean anything. Lots of them Z's were put on with a running iron and we might have made them backward."

"Yes," said Mort, "you might, Lossing and his helpers might have made a Bar Z Bar out of their Bar Slash Bar, too."

Then Terry saw what Mort was driving at.

"I see now," he said slowly. "Every time one of their animals dies bearing a Bar Slash Seven brand they just have to add a bar to the top and bottom of the Slash to make it a Z. Easy, isn't it?"

"So easy we ought to have been shot not to have seen it before. Then they change the Bar Z Bar on a healthy animal to a Bar Box X Bar, and everything is jake. They can't suspicion any one is stealing your cattle, because there is a dead one to account for the one they changed your brand on."

"That's a new one on me," said Terry. "They had to get somethin' new," said Mort. "If they couldn't leave some kind of an animal in place of the one they rebranded, and you didn't find dead ones to correspond with your loss, at round-up time, it would be bound to come out. Now, then, let's see if we can figure just how many cattle you've lost thru the poison. Guess there's around three thousand head on this range, all told, ain't there?"

"About that," nodded Terry.

"Well, we've found about a hundred and fifty dead ones, about all wearing your brand. Now, what per cent of the dead ones ought to be yours?"

"We turned out about three hundred," figured Terry. "There's ten per cent of the number on the range. Ten per cent of the dead ones is fifteen. Fifteen, then, would be our loss."

"Sounds better, don't it?" grinned Mort. "Sounds better, yes," said Terry, "but is it? If they've actually changed a brand on one of our live cattle every time they've found one of theirs dead, we've lost a steer as completely as if the poison had killed it. What can we do about it?"

"Lay low," said Mort. "Maybe we can catch them at it. If we don't we'll have a chance at them when they ship. We'll have a brand expert there and he'll jerk the hide off one of the doubtful ones. That will tell the tale."

"Do you thing young Stuttgart is in on this?" asked Terry as they turned homeward.

"No," said Mort. "I don't. The money wouldn't mean anything to him. But you can bet your bottom dollar Lossing and Messer are."

"I don't know just what to do," said Terry.

"Lay low," said Mort. "Keep this still. If we can catch them changing a brand, then we can railroad them. If we can't we'll get them at the pens. One thing I want you to do, tho, is to write the brand commissioner and see if that Bar Box X Bar is registered as one of the Stuttgart brands."

"And if it is?" said Terry.

"Then it will mean that either young Stuttgart is in on this, or his father, or both," concluded Mort with a snap of his jaws.

"I'll write as soon as we get home," promised Terry. "And maybe run over to town and mail it."

"Do," urged Mort.

Terry did, and met Doug coming out of the postoffice as he went in. Doug stopped him.

"Leaving for Kansas City this afternoon, Terry," he said.

"You are," said Terry, slipping the letter in the slot.

"Big rodeo there next week," said Doug. "I can't afford to let this easy money get away from me."

"Doug," said Terry, earnestly, "when a person risks their neck or life for a few dollars I wouldn't call it easy money."

"Life!" jested Doug; "I'd like to see the walled-eyed brone that can break my neck."

"It's been done," replied Terry, "to just as good riders as you are, Doug. You know it. We need you at the ranch now pretty bad, Doug."

"Not so very bad," said Doug, "seeing that your father the same as drove me off."

"Let's not quarrel, Doug," said Terry; "and don't blame me for that."

Doug softened.

"You're a good old scout, Terry," he said. "Train leaves in about an hour. Going to see me off?"

"Of course," said Terry. "Anybody from here going along?"

"Sid and his sister," said Doug in an offhand manner. "They're got people in Kansas City that they've been figuring on visiting. Decided to kill two birds with one stone."

"Doug," said Terry, earnestly, "they'll lead you a gay old life down there. Don't let them pull you under."

"Don't worry about little Doug," grinned Doug. "He knows his marbles."

"You can't go with that bunch, Doug," said Terry. "You've got your way to make. Theirs is already made for them. We can't afford to squander time and money as they do."

"I can do a lot of things that would surprise you," said Doug enigmatically. "You don't know all I do, Terry. Don't worry about me any."

Terry saw him off. It was almost like saying good-bye at the grave. He knew that if Doug came thru what was before him it would be something in the miracle class. Doug was going in altogether too fast company.

Terry's letter had only to go to Denver. The reply came three days later and informed him that the brand in question was the property of Spencer Lossing.

Mort nodded his head.

"Just as I thought," he said. "Now if one of us can take turns riding the range and keep our eyes open, maybe we can catch them red-handed. One will be plenty, if I know them oleanders; either one of them will squeal so loud on the others that you could hear him a mile."

"We'll begin tomorrow," said Terry, and ride turn about. Guess we can manage till haying starts; might even manage to hire a hand if we have to."

"It would pay you," said Mort. "I'll take first turn. Don't go out without some kind of a gun. You might need it."

Terry grinned.

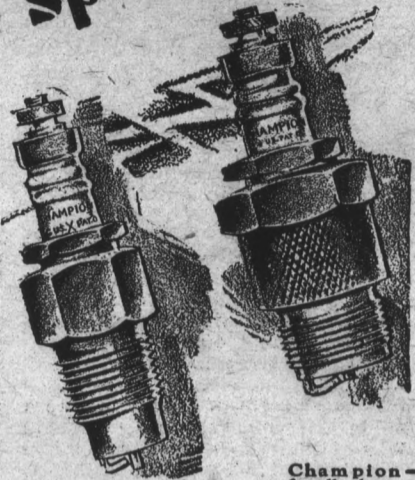
"Sounds like the wild and woolly west day," he said.

"She's as wild and woolly a west as ever," Mort assured him, "only in a different way. People are not so open about their oneriness, but that's not sayin' they are not as onery as ever. People don't change that way m' lad."

Terry was still digesting this a few days later when he rode out on the range. He had been thinking of it for some time and, had about come to the conclusion that Mort was right. And the pressure of a barrel of a thirty-three rifle beneath his leg was not disconcerting.

(Continued in June 9th issue)

## CHAMPION Spark Plugs



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## CHAMPION Spark Plugs

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## Shrines of Peace

A NON-SECTARIAN SERMON BY

Rev. David T. Warner

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

TEXT: "Peace, I leave with you." John 14:27.

"Spring flowers! Spring flowers!  
Spring Roses Red,  
To deck the gallant soldier's bed;  
In freedom's cause his blood was  
shed."

**E**VEN so! Surely, no one would stop the floral tribute to the brave dead who sought to satisfy the summons of their country. To do so would also be rudely forgetful of the courageous mothers who said their last goodbye; of the broken-hearted wives who were robbed of a manly love and a supporting companionship; and of many others upon whom was arbitrarily forced a future of loneliness and sorrow. The recent suggestion of the state to make it possible for mothers to visit the graves of their boys who succumbed in the maw of Mars is one of sympathy and gratitude. Few would deny this pilgrimage to the wooden crosses of our fallen heroes. It will bring a meed of comfort to our gold star sufferers. And that is something much worthwhile. But it and time can never assuage the grief and tears brought upon them during a few terrible years of bloody carnage.

The dead have kept their pact. They were asked to do it for democracy and peace. They counted not their lives dear unto themselves. Noble sacrifices for others! But where are ours? And why not? Did our boys bequeath to us a near-peace? Or was it just a mirage? For ten years and in great anguish every Memorial Day has been throwing out this challenge to the war system. It was said that we were fighting a war to end war; a war to guarantee world peace. Blessed Utopia! But where is it? With colossal military expenditures, doesn't it look that we are but conjuring with this ideal? Or, are we ready to clothe it with action and reality? Ready to memorialize with our lives the pact of peace enshrined in the sanctuaries of our dead heroes?

But for nineteen centuries we have been standing by the sacred shrine of one Lone Galilean. And is there any oracle? Harken! "Peace, I leave with you." This bequest of our Master's carries us back to a time when society was rude and martial, and therefore furnished no end of enemies to his Order of Peace. Yet these farewell words are invested with an uncommon meaning and power. Peace, to Jesus, was more than a proposal; more than a program. It was a reality. It was indwelling Love. It was harmony with God and man. It was a consciousness that deep down in his heart was a tranquility that shut out all selfishness, hate, and violence. This Jesus Christ bequeathed to the world; verified it in sacrificial and peacefully constructive living; and consummated it in his resistless slaughter at the hands of conspirators.

This conferment of peace upon human society is now so generally accepted and considered practicable that Lloyd George said a few years ago that if the churches allow another war to fructify they had better close their doors.

"Whence come wars and whence come fightings among you?" The apostle hurries to answer that it is thru pleasures, lust and covetousness. It follows, therefore, that in any program of peace, these innate evils must be recognized, hated, and driven out of society. But if war is essentially a moral evil it demands a moral remedy. We cannot make too much of the physical evils of war nor try too hard to alleviate these sufferings. But why not accept the gage of Jesus and outlaw it? Why not strike at its root? Why build a fence at the bottom of the precipice to catch the unfortunate victims? Is it not wiser to fence against it? Physical afflictions that come upon us thru sickness, earthquakes, floods, or other operations of nature, are not unmingled with good. They beget a sympathy, a helpfulness, a ministry

of love that are necessary to bind human society together. Death coming thru the order of nature gathers our friends around us for solace, and inspires all concerned to solemn and charitable moods. But death from the hand of man in battle is cruelly revengeful. It hardens the conscience of the victor and leaves the victim unpitied and unsolaced. It is hard to see how blood shed in the heat of the killing instinct can seal any pact of peace. Sadly the Wooden Crosses in France have left many wrongs behind to be righted. The tap-root of the war system is yet strong and vigorous.

But Jesus would withdraw nourishment from this root. Christianity has power to neutralize the war spirit and thus prevent preparation for war. But not the nominal type. Not the kind involved in arbitrary decrees of church or state; but that which is conferred upon us by the life of its Founder. Here we find a religion that proscribes the passions of hate and lust and selfish domination; a religion that knows no rich or poor, race or nationality, nor any other division that separates men into hostile groups. This religion is motivated by love, sympathy, and an intelligent and moral understanding of the sacredness of humanity. It sets itself against all wrong to any individual or nation no matter how small or weak. It is in sympathy with that sovereignty of conscience which is the inherent right of every soul. Could the essence of Christianity, which is love and reverence for all mankind, prevail in American society, it would arouse a stupid world and slay war at its heart.

Specifically, there are two main hindrances to the attainment of such a state of peace. First, there is yet a too common belief that the state has an inherent right to war. This type of nationalism is a carry-over from feudal times. Many are now sharply challenging this so-called divine right of rulers by throwing upon it the spot-light of a Higher Sovereignty. "My country, may it always be right," is a patriotism to be cherished. But "My country right or wrong" is a fundamental negation of Christian citizenship. We sincerely believe that the purposes of society and of the state will best be served by seeking first the Kingdom of God. Were this the case, the state would find her highest duty away from war.

But again, we fail to consider what man is that God is so mindful of him. We do not fully recognize the sacredness and dignity of human nature. We set the forces of war in motion, little caring who the victims will be or what woe and misery are to be brought to the human soul. We are insensible to the full worth of the immortal principle in man. How much longer is the world to be dominated by the organized forces of hate, fear, and torture? Isn't it time to attach to the names "neighbor" and "brother" a veneration that shall be respected? Then let us go forward with more than withering laurels for the shrines of our fallen heroes. Let us contend with a deep moral conviction for the right to peace that Christ has conferred upon individuals and society. Let us put our faith in organized justice and goodwill as a remedy for war. Thus we first serve our God and we best honor the state.

### Our Book Review

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

**A Temple of Topaz.**—By F. W. Boreham. An analysis of Bible texts which have given solace and consolation to some of the greatest and the humblest of the earth. The author writes with a vivid understanding of the needs and problems which are common to all men, and depicts with a clear touch the answer as found in the Bible to the particular needs of the characters he deals with. (The Abingdon Press, Price \$1.75.)

## Put your Model T Ford in shape for thousands of miles of additional service

MORE than eight million Model T Fords are still in active service and many of them can be put in shape for two, three and five more years of service—and even longer—at very small cost.

The following list gives the approximate labor charges for re-conditioning the Model T Ford—

### Engine

Tune motor (including replacement of commutator case, brush and vibrator points if necessary)	\$ 1.00
Grind valves and clean carbon	3.75
Overhaul carburetor	1.50
Reline detachable car transmission bands	1.50
Install new pistons or connecting rods	6.00
Tighten all main bearings	6.00
Overhaul motor and transmission	\$20.00 to 25.00

### Rear System

Replace rear axle assembly	2.50
Install universal joint	3.00
Reline brake shoes	1.50
Tighten rear radius rod	.60
Replace rear axle shaft, drive shaft pinion, or drive gear	5.00
Overhaul complete rear axle assembly	\$5.75 to 7.00
Rebush spring and perches	1.75
Oil and graphite springs	3.00

### Front System

Overhaul front axle	\$4.00 to 5.00
Rebush spindle bodies and arms (both sides)	2.50
Replace or straighten spindle connecting rod	.75
Tighten radius rod or steering ball cap	.60
Tighten all sockets and joints of front end	1.50
Replace front spring tie bolt or new leaf	2.50
Straighten front axle	1.50

### Chassis

Tighten all nuts and bolts	3.00
Replace rear fender	1.75
Overhaul steering gear	3.50
Repair muffler	1.00
Overhaul radiator	7.50
Line up front wheels	.50
Repaint Coupe	25.00
Repaint Sedan	25.00
Repaint Touring Car	20.00
Reupholster Runabout	8.00
Reupholster Touring Car	15.00
Repair seat cushion	2.50
Replace top deck (Coupe or Sedan)	4.00
Overhaul starting motor	3.00
Overhaul generator	2.60

These prices are approximate and are for labor only, because the number of necessary parts needed depends on the condition of each car. The charge for these parts is low, however, because of the established Ford low-price policy.

So that you may get the greatest use from your Model T Ford over the longest period of time, we suggest that you take the car to the nearest Ford dealer and have him estimate on the cost of putting it in good shape. A very small expenditure may be the means of giving you thousands of miles of additional service.

**FORD MOTOR COMPANY**  
Detroit, Mich.

# The Michigan BUSINESS FARMER

Title Registered U. S. Patent Office

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"The Farm Paper of Service"

## LET'S HEAR FROM THE BOARD

DISCUSSING the recent disturbance at M. S. C. in his department in this issue our Mr. V. O. Braun suggests that he would be very much interested in a statement from the State Board of Agriculture on the matter and he is of the opinion that the taxpayers of Michigan want and have a right to know. Amen, we say. Let's hear from the board.

## THE REPUBLICAN CANDIDATE

WHO is going to be the Republican candidate for President? Herbert Hoover has the backing of the financial interests but it is said the farmers will defeat him. Rural America is apparently favoring Frank O. Lowden but he cannot land the votes of the business men and financial interests. So it seems a dark horse will have to be groomed. Will it be Charles Dawes? Your guess is as good as ours.

## FRIGHTENED CHICKEN THIEVES

AN Oklahoma farmer has a rather unusual and satisfactory way of protecting his chickens from thieves. Around the top of the fence around his chicken yard he has a wire which is connected with a battery and the battery is connected with a loud auto horn. When someone attempts to climb the fence it causes the horn to blow.

A person could also have a spot light hooked into the circuit which would light when contact was made.

With marked poultry, locked houses, burglar alarms of various types, and rewards being offered, the life of the rural thief is not what it used to be—well, hardly.

## STILL TIME TO ENTER

WE ARE well pleased with the number of entries to date in our Farm Home Yard Beautifying or Improvement contest but we can take care of many more so if you have considered entering but haven't sent in your application blank we hope you will do so soon. Of course, there is plenty of time yet for making entries, the closing date being July 1st of this year, but we are anxious to get them in as soon as possible so that we may know how many are in the contest. If you are not familiar with the contest complete details will be sent you upon request.

## THOSE BUDDY POPPIES

MAY 30th is Memorial Day and many of us are going to be approached by ex-soldiers and asked to buy poppies. Of course we will buy because we know that the money is to be used for the benefit of these same soldiers and their families as well as their buddies and their families from all over this great country of

ours. Just how it is to be used we do not know, or if we did know we have probably forgotten, but we know it is something worthwhile.

Elsewhere in this issue is a story about the National Home of the Veterans of Foreign Wars of the United States, located near Eaton Rapids, which receives a part of the money you spend for buddy poppies. After you read this story you will be more sure than ever that you make a good investment when you buy them.

## MORE HELP, PLEASE

"A FRIEND in need, a friend indeed." When we want any assistance we go to our subscribers for it and they never fail us. Just a few weeks ago we published on this page a request for information on the date or time to cut Canada thistles to eradicate them. The response was very fine and we appreciate the large number of letters we received. These have been placed in the hands of the professor of the middle western university for whom they were requested and no doubt he will be able to give out to the farmers of this country some valuable information before many months pass by.

Now we want some more help for one of our agricultural colleges, but this time it is right at home, at our Michigan State College and Prof. R. H. Pettit is the man who needs it in order that he may help the farmers of Michigan fight next year's attack of white grubs.

"It happens that brood C of the June beetle is due to come out in Michigan during the present May or June," says Prof. Pettit. "These beetles will lay their eggs in sod land for the most part and their offspring will attack the roots of grasses, corn, grain and potatoes next year. I am very anxious to get this particular brood mapped for Michigan as accurately as possible and would therefore welcome and appreciate any records of any large numbers of these June beetles flying in our State. All places badly infested by June beetles this year are sure to have to endure a crop of white grubs next year in land that is in grass sod right now."

Any of our folks who see large numbers of June beetles flying this year are urged to send several in with a short note as to how numerous they are in their locality. Send either to the Editor of M. B. F., or direct to Prof. R. H. Pettit, Department of Entomology, M. S. C., East Lansing.

## PRINTED LETTER HEAD

LYING on our desk is a letter from "Hill Crest Farm" type written on very business-like stationery. The name of the farm appears in the center at the top of the sheet in fair size type. Directly under it is the name of the owner, Walter M. Schworm, and under that appears the line, "The Aim: Better Stock—Better Crops—Produced Economically." At the left of the name of the farm, in small type, we find "Pure Bred Hampshire Hogs" and under that a brief statement on the fine points of the breed. At the right of the name appears, "Practical Farming" and under that "Golden Russet Potatoes" and "Barred Plymouth Rock Chickens."

Anyone receiving a letter from Mr. Schworm feels that he is dealing with a business farmer.

It is a mighty good idea to have your farm named and have printed stationery.

## A WONDERFUL AGE

WE certainly are living in a wonderful age; a few weeks ago I went down to Detroit to see the Airplane Show. It certainly was a great show; you could see the evolution of the airplane industry. The crude monoplane which flew across the English Channel in 1909 was shown on the same floor with the large, modern Fokker plane which Commander Byrd flew over the North Pole. This great advancement was accomplished in only a few years.

The same is true with the automobile industry. At the Chicago automobile show last winter I saw the modern automobiles of today along side of cars built fifteen or twenty years ago and the comparison would bring laughter from any observer.

Farmers' Week at M. S. C. last winter showed the same results in Agriculture. Methods, machinery, crop rotations, and the kind of stock and grains used fifteen or twenty years ago are in many instances out of date today.

We are living in a new and advancing age; an age which pays a premium for the man with brains, with scientific training, and for the man who grasps the newer methods and uses them to advantage. We farmers must keep up with the times in agriculture or we shall be a back number the same as the man in any other industry who does not keep up with the times.—V. O. B.



FARMER ain't got any chance to loaf around, some circumstance will spoil his fun for him and then he buckles down to work again. A wire from my hired man just came today and spoiled my plan to stay down here till late in spring, until the frost's gone out, by jing. He says, "The old roan cow's gone dry, the silo's froze up tight, so I ain't got a thing but straw to feed. I just have tested out the seed and find just two ears out of ten will grow; that old brown hen was stolen most a week ago, and all the others, too, and so 'bout all I've got to eat is ham, if you don't come home soon I am just goin' to light out and quit and leave the job, I'm sick of it." He sent that telegram collect, it cost ten dollars, I expect; Mirandy's got our tickets bought, she says she knew we hadn't ought to loaf around down here so long, she knew that something would go wrong. I sometimes wish I didn't own a foot of land or stick or stone, for ev'rything that you have got just adds more worries to your lot. But I just wired that there man and says, "Just do the best you can, I'm comin' on the fastest train to help, and so's Mirandy Jane." It cost me fifteen cents a word, when I git home I'll fire that bird—but still, this batchin' ain't so good, I s'pose he's done the best he could!

## PETER PLOW'S PHILOSOPHY

Our preacher says a long sermon helps folks in more ways than one. Some rise from it possessed of more knowledge, while others wake from it greatly refreshed. I believe the last part of that was a crack at me.

At last two Germans and one Irishman made the flight across the Atlantic ocean from Europe to this country. Strong winds slowed them up until they almost run out of gasoline before they reached land. With Congress in session the wind is sure against anybody tryin' to fly towards Washington and they should have known better than to have tried to fly it. Apparently they don't know 'bout our congressmen.

Ever hear this one? Pat Casey and his wife had an argument and she had him arrested for beatin' her up. When the case came before the justice she was sorry and wanted to have Pat go free.

"He didn't beat me, Judge. Oi was mistaken, so Oi was," she said.

"Then how did you get that cut on your forehead?" asked the judge.

"Oh, yez see, Judge," she replied. "Oi bit meself there."

"What!" exclaimed the judge, "Bit yourself? You couldn't bite yourself up there."

"Oh yes Oi did, Judge," was her reply. "Oi was standin' on a chair when Oi did it!"

## COMING EVENTS

July 27.—Farmers' Day, Michigan State College, East Lansing, Mich.

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

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

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

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

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

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

## The Publisher's Desk

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

### EVEN AS YOU AND I

A fool there was and he saved his rocks,  
Even as you and I;  
But he took them out of the old strong box  
When the salesman called with some wild-  
cat stocks,  
And the fool was stripped down to his  
socks,  
Even as you and I.

Anonymous.

### LOOK OUT FOR HIM!

LOOK out for the enlarged picture agent. If he has not been to see you yet this spring he probably will be along shortly, although his visit is not as certain as it used to be. It was not long ago that he came with the flies and other insects and bugs in the springtime just as regularly as the season but he has been receiving such a "warm" reception from our folks that he is finding the business is not so profitable as it once was. His scheme of "lucky envelopes" and "free pictures" that often resulted in folks signing papers which they later found out were notes, or in getting stung with a cheap frame at a high figure, has been cussed and discussed too many times in the columns of M. B. F. for the good of his business. So many of these pests are sticking to the cities with their game or going to work at something that is honest, but there still are some of them who work the country folks quite profitably—because not all farmers in Michigan are members of THE BUSINESS FARMER's large and growing family.

If an enlarged picture agent calls on you you can give the family dog a work out, or a number ten shoe applied at the right point works wonders in getting him started down the road.

### NATIONAL AIRWAYS SYSTEM

What do you advise in regard to the company known as the National Airways System located at Lomax, Illinois? This company is offering shares of stock for sale. They advertise through a paper called "The Flyer" and claim to manufacture airplanes called "The Air-King."—Subscriber, Bellevue, Mich.

THIS concern was incorporated under the laws of Illinois in 1925 with an authorized capital of 10,000 shares of common stock, par value \$10.00 per share. During the first two years the company confined its work mostly to repairing airplanes but later began the manufacture of a plane sold under the name of "Air-King." Officials are claimed to have stated that demand exceeds production.

A financial statement of the company of September 15, 1927, showed assets of some \$98,000 and outstanding stock to the amount of \$69,550, but they failed to give any figures on their sales.

According to information we have been able to get, S. F. Tannus, president and general manager, has been connected with various promotional enterprises centered in Lomax, Illinois, since 1918 or thereabouts without a great deal of success. Among his previous promotions were the Lomax Industrial Corporation and the Economy Manufacturing Co. Development of the town, which late reports show has a population of 211

people, was emphasized in the literature of these two previous promotions and the Lomax Industrial Corporation apparently founded the town. Neither of these companies has succeeded and the stockholders are now being solicited for investment in the new one, the National Airways System.

The company is a new enterprise in a new field and appears to be chiefly speculative in its investment aspects. The person who can't afford to lose money should leave such things alone because the chance to win is too small.

### CHAIN LETTERS

"This letter of good luck was sent to me by a good friend I am sending to you so do not break the chain copy and send it on to your other friend with in 24 hours to whom you wish good luck this chain was started by officer in flanders an must go around the world three times so do not pause or you will have bad luck it is postaviely remarkable how many times predicment has won true scienas the chain started. send this and see what hapens on the 4 day pass this on three others don't keep this."

Dear Publisher:—This letter came in our mail yesterday. What would you make of it?—Reader, Dansville, Mich.

IT is the old chain letter scheme. Ordinarily we hear about it every little while but this is the first letter to come to our attention for almost a year. Apparently it is not so popular as it used to be. Perhaps there are not as many superstitious folks as there were a few years back.

The truth of this scheme, as we get it, is that the first letter was written to a friend as a joke by an American army officer during the Spanish-American war. If the friend had considered it in the same light it would never have gone further but the friend took it seriously and wrote nine letters to nine friends, the first letter calling for that number instead of four, as requested above. Since then it has been heard of in almost every country on the globe.

Anyone who is superstitious generally writes the letters and sends them on, but we have never heard of any of them having good luck because of it. Neither have we known of anyone having bad luck because they threw the letter in the waste basket.

### COMMISSION MERCHANTS MUST ACCOUNT ON BASIS OF SALES

PRODUCE agents in all instances should account to shippers on a basis of prices actually received in good faith from third persons, declares the Bureau of Agricultural Economics, United States Department of Agriculture, in response to inquiries regarding this particular accounting feature under the Produce Agency Act. The Bureau bases its position on the fact that the Supreme Court of the United States, as well as the state courts, have held that an agent to sell can not sell to himself.

The point has been raised as to whether an agent who is making sales on track, charging therefor a commission of, say 7 per cent, and who takes part of the contents of the car to his own store for sale, must account on the basis of the price received through the store, or may account on the basis of the price received on track. Obviously, under the policy outlined above, the bureau says, the agent must make his returns on the basis of the price received for sales through the store for the portion so sold, while returning on the basis of track price for the portion actually sold on track.

The bureau points out that this does not compel produce commission merchants to handle produce through their stores at 7 per cent, or whatever the track sales commission may be, but that such merchants are entitled to the commission that is usual and proper for sales made through the store.



## A CORPORATION PRESIDENT Says:

*"I've found it possible to get a full 6% with SAFETY"*

"It has always seemed to me," the president of a large corporation told one of our officers recently, "that I ought to get 6% interest on my invested funds, and at the same time have them safely invested."

"That's why, as you've noticed, I'm putting a larger portion of my money in your bonds this year than ever before."

"I keep in pretty close touch with the investment market, and I find it is becoming increasingly difficult

to get 6% together with the degree of safety I want. So many high-grade securities are yielding 5% or less.

"In the First Mortgage Bonds I've purchased from you, however, I've always got the protection, safety and stability that I want, and have been able to get the full 6% return as well."

Mail the detached coupon for full details of our current offerings. This places you under no obligation.

Federal Bond & Mortgage Co.  
Detroit, Mich.  
Please send me information on your current offerings.

Name \_\_\_\_\_  
Address \_\_\_\_\_

## FEDERAL BOND & MORTGAGE CO.

Griswold Street at Clifford

2130

Detroit

LET'S HEAR FROM YOU. We want you to write us your criticisms and suggestions about M. B. F. to help us make it better in every way. It is your paper and the editors are your hired men. The Business Farmer, Mt. Clemens, Mich.

## a rig specially made for spraying potatoes

It pays to spray potatoes often. But it doesn't pay to buy a new sprayer every few years—and you don't have to if you invest in a Mt. Gilead Potato Sprayer. This rig is specifically built for potato spraying—built to do a one hundred percent job year after year.

AS far as truck and tank are concerned, the Mount Gilead Potato Sprayer has all the desirable features found on other good row crop sprayers.

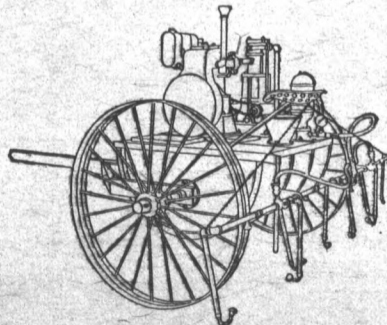
In addition, the Mount Gilead has a steel frame electrically welded. There are no bolts and nuts to work loose.

The pump, the important part of any sprayer, is fully enclosed, dust-tight and self-oiling. It is the simplest, most accessible and best spray pump made. With oil in its crankcase, it will require no other attention during the season. It is the only pump in which all wearing parts in the pumping end are made of Stainless Steel. Mount Gilead Stainless Steel Cylinders are guaranteed to outwear two sets of porcelain lined cylinders.

The pump is driven by a New Way air cooled engine—the same fine engine that is used on so many potato diggers. If you have a digger powered with a New Way, you can save money by buying the sprayer without the engine.

Furnished with either 4 or 6 row Nixon boom with 3 non-clog nozzles to the row. Material is strained 3 times before reaching the nozzles. A modern sprayer in every respect—more economical, more dependable, yet it costs no more.

Send coupon for complete description and price.



THE HYDRAULIC PRESS MANUFACTURING COMPANY  
Makers of Mount Gilead Hydraulic Cider Presses—famous since 1877

*Mount Gilead* HIGH PRESSURE POWER SPRAYERS

THE HYDRAULIC PRESS MFG. CO.

702 Lincoln Avenue, Mount Gilead, Ohio

Please send me complete description and price of your Potato Sprayer.

Name \_\_\_\_\_

Address \_\_\_\_\_

### 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 17, 1928  
Total Number Claims Filed ..... 3,193  
Amount Involved ..... \$35,804.13  
Total Number Claims Settled ..... 2,672  
Amount Secured ..... \$29,135.57

## THE BLUE AND THE GRAY

By Francis Miles Finch

By the flow of the inland river,  
Whence the fleets of iron have  
fled,  
Where the blades of the grave  
grass quiver,  
Asleep are the ranks of the dead;  
Under the sod and the dew,  
Waiting the judgment day;  
Under the one, the Blue,  
Under the other, the Gray.

These in the robings of glory,  
Those in the gloom of defeat,  
All with the battle blood gray,  
In the dusk of eternity meet;  
Under the sod and the dew,  
Waiting the judgment day;  
Under the laurel, the Blue,  
Under the willow, the Gray.

So, when the summer calleth,  
On forest and field of grain,  
With an equal murmur falleth,  
The cooling drip of the rain;  
Under the sod and the dew,  
Waiting the judgment day;  
Wet with the rain, the Blue,  
Wet with the rain, the Gray.

No more shall the war cry sever,  
Or the winding rivers be red;  
They banish our anger forever  
When they laurel the graves of  
our dead!

Under the sod and the dew,  
Waiting the judgment day;  
Love and tears for the Blue,  
Tears and love for the Gray.

### BEWARE

"WE furnish baby dresses ready cut with enough lace and thread to finish them up at \$1.00 each. We use nice lawn for our dresses. After you finish them up, we will pay you \$2.50 each; that means we will pay you \$1.50 for the work and \$1.00 for the dress.

"We promise to accept every dress from you, if they are made up to our STANDARD. In case your work is not acceptable, we will return the dresses back to you. When you make 12 dresses for us, we will refund your money for the instructions."

Whenever you see an advertisement offering a proposition like this, whether it is to sew baby dresses, aprons, house dresses, or what not, be on your guard. To the woman who is valiantly trying to make a much-too-small income cover the necessities of life for her family, this seems like a golden opportunity to earn a few dollars. It is nothing of the kind.

Quite the contrary—the offer of home work is merely a ruse used by the various companies to sell their material to you at a very high profit.

Who could not go into a store anywhere and buy enough white lawn and lace to make a baby dress for less than \$1.00? \$1.50 seems mighty good pay for sewing up a couple of seams, turning a hem or two, and whipping on a few yards of lace, doesn't it? Yes, just about to good to be true!

When you have answered their advertisement in your "deposit" money, which may run all the way from \$1.00 to \$5.00, and received your yard or two of material, a few buttons, and some thread, the situation is usually closed as far as the company is concerned. But you labor for hours over the garment, painstakingly trying to make a perfect product that will be acceptable to them. You may have been a dressmaker for years and your work may be faultlessly beautiful, but it means nothing to the company. Back your sample garment will come marked, "Unsatisfactory" or "Not Up To Standard," until you become too discouraged to try any more. What they want is your money, not your services.

The same holds true likewise for other work-at-home schemes, such as hat-selling, flower making, card painting and gilding. These companies all have something to sell. THE BUSINESS FARMER has carried on extensive investigations, but we have never yet been able to discover a home-work plan where anybody but the company profited.

### MORE VOTES, PLEASE!

WE regret to report that the proposition of an advertising department especially for women on "Our Page" has not met with the hearty support we anticipated. At this writing we have received only three letters, making four in all, with Mrs. G. M., who are in favor of the project. Naturally, unless more interest than this is shown, the establishing of the new department will not be warranted.

## THE FARM HOME

A DEPARTMENT FOR WOMEN  
Edited by MRS. ANNIE TAYLOR

**DEAR FOLKS:**—Memorial Day isn't what it used to be, is it? Don't you remember rising early, early on the morning of May 30th, hurrying and scuttling around to help "Ma" get breakfast out of the way and the picnic dinner packed, then being protestingly fastened into a series of starched petticoats and—glory of glories!—a new white dress? There was the long ride to town under the blazing hot sun alongside of "Pa" on the driver's seat. "Pa," you remember, wore a blue coat with brass buttons on it that "Ma" had got out of the old trunk in the attic just the day before and brushed and sponged and pressed for him; and on the coat lapel and down the front were shiny medals and pretty ribbons. How you wished you could wear 'em!

When you got to town, there were a lot of other men there in blue coats just like "Pa's," and they kept circulating around amongst each other, shaking hands real hard, and shouting, "Howdy, Comrad!"

Then there was a parade and you and "Ma" stood on the sidewalk and watched it go by. All of a sudden, you saw "Pa" marching with other men behind a fife and drum corps, somehow looking taller and straighter than you'd ever seen him before. And you yelled right out loud, "Oh, Ma! Look, there's Pa! Don't he look fine?" "Ma" said, "Hush, Child!" in a queer voice, and you looked up at her and her eyes were wet, and you wondered what was the matter; but just then a big wagon all covered with flowers came along and you forgot to ask her.

After dinner, there were speeches by men who talked loud, banged their fists, and waved their arms. You got so tired of sitting still. Finally, as though in a dream, you heard your name called. "Ma" gave you a little push, and you stumbled down the aisle and up the platform steps to speak your piece. You trembled and shook all over and were afraid to look at the white up-turned faces in front of you, so you fixed your gaze on the far wall and began with a rush. After the first couple of lines you forgot there was any crowd out in front and your earnest young voice rose and fell rhythmically on the silence of the hall. Suddenly it was all over, and you floated sort of airy and light back to your seat. As you came down the aisle, you saw "Pa" pass the back of his hand across his eyes, and when you squeezed past him he patted you on the shoulder and said, "Good Girl!"

No, Memorial Day isn't what it used to be!

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

### Personal Column

**Song Requests.**—The Young Doctor; Ye Banks and Braes of Bonnie Doon; A Dying Nun.

**Cockroaches.**—Please let me know the best way to get rid of cockroaches in the house without fumigating. I want some kind of poison.—P. L., Moorestown, Mich.

—In a dwelling house, we ordinarily recommend the use of borax (not boric acid, but plain borax) to get rid of cockroaches. Get this in fine powder form and sprinkle it under sinks and everywhere the roaches travel. The roaches will get it on their feet, and then getting it off their feet to clean them they will get it in their mouth and die.—Dept. of Entomology, M. S. C.

### What To Eat

**Right Food Habits.**—Now I want to give my testimony in favor of training children to eat what is set before them. I was recently a guest in a home where the children have been allowed to form foolish dislikes for perfectly good foods. At one meal the daughter of the house failed to find anything she could eat, and it was a very good meal. Not infrequently people have what seems to be an in-born dislike for certain foods. Sometimes these can be overcome, sometimes not. I cannot eat cheese of any kind in any

form, but I did try hard to overcome it. It is especially desirable that children should eat all kinds of fruits and vegetables, and if they do not do so they will eat far too much of meats, sugars, and starches. I have many times heard it said, "I do not like coarse breads." That, too, is wrong. Graham and whole wheat breads, properly made, are delicious and should be a part of every family's diet. I enjoy "Our Department" very much, indeed.—Mrs. F. L. S., Grand Traverse County.

—Thank you for your letter, Mrs. F. L. S.; it is very timely inasmuch as we have just launched forth in the last issue on a discussion of forming right food habits in children.

#### Food For Children From 2-6 Years

**Breakfast:** Cereal—The bulk cereals (whole wheat, oatmeal, cornmeal, hominy, unpolished rice, farina), are less expensive and more nourishing than the cereals which do not have to be cooked. Egg—Coddled, soft cooked, scrambled, poached, NEVER FRIED; or bacon. Milk or Cocoa. Bread and Butter—(Stale or toasted bread, whole wheat, graham or corn bread are less expensive and better food.) Fruit—Cooked (apple, prunes, rhubarb, peaches); or raw (orange or grapefruit).

**Dinner:** Soup—Made from meat or vegetables, or both. May be thickened with cereal or bread crumbs. Not more than one small cup. Meat—Beef, mutton, chicken, lamb, or white fish. Stew, boil, roast, or broil. DO NOT FRY. Cut in fine pieces. If meat is not served, eggs may be, if not had for breakfast—soft cooked, coddled, poached, or scrambled. NEVER FRIED. Green Vegetables—(one

## A Wife's Tribute to Her Husband

HERE is a letter that we especially recommend that husbands read. In a very few words this wife sets forth the reasons for her happiness. Simple reasons they are, too—nothing spectacular about them, but how important and fundamental every one of them is! If more husbands would only realize that it is the little, everyday things that make a wife happy the divorce courts would have much less grist for their mill.

"After being married eight years, I am glad of this opportunity to tell the world that I do still love my husband and I would marry him again. Why? Because he is still in love with me and often tells me of it. He has proved true in most things that stand for my happiness; he is always considerate of my wishes; he is just as nice to me as to other women; helps care for our two babies and is proud of them; he doesn't grouch when aiding in odd

jobs; and he has not fallen into untidy habits.

"Before we were married he spoke a whole sermon in a few words when he said, 'If we ever quarrel, let's make up before we sleep,' and there have been few nights that he has not closed my eyes with a kiss.

"He appreciates any special act of kindness on my part; and still expects a kiss after shaving.

"We are not the 'Honey' and 'Sweetie' sort but we do not think it bad form to speak well of each other in company.

"Yes, I am sure that I married 'the best man on earth'—for me.—E. M. C."

We wonder if E. M. C.'s husband could not be persuaded to write in and tell us Farm Home folks how his wife has made him happy. There are two sides to every story, and we want to get at the bottom of what makes successful marriages. How about it, Mr. E. M. C.?

or more helpings); spinach, carrots, peas, green peas, asparagus, tomato, greens, onions, beets, celery, Swiss chard, water cress, squash, turnips, lettuce, or tops of cauliflower or cabbage. Starchy Vegetables—White potato, sweet potato, spaghetti, macaroni. Bread and Butter—Stale or toasted. Desert—Cooked fruit or simple pudding custard, junket, bread pudding, corn starch pudding, gelatin, tapioca, ice cream.

**Supper:** Soup—Vegetable soup, or meat thickened with cereal or bread crumbs; or cereal; or egg—coddled, soft boiled, scrambled; NEVER FRIED, (if not had at any other meal.) Milk. Bread and Butter—Stale or toasted. Cooked Fruit—Apple sauce, prunes, rhubarb, peaches, pears, figs, apricots.

**Do not Give:** Tea, coffee, soda water, beer, wine, whiskey, cider. Fried food of any kind. Pork, veal, kidneys, greasy stews, gravy made from drippings or grease. Corn or cucumbers or vinegar. Fresh breads, buns, cake, pies, fried cakes, rich puddings, pan cakes. Nuts, berries, cherries, uncooked bananas. Too much milk (one quart a day at most is enough for any child). Candy, jelly, and ice cream should be given in limited amounts and only for dessert following meals. Have each day's diet include milk, cereals, and green vegetables.

**Rules For Eating:** Give no food between meals unless ordered by doctor. A cup of milk may be allowed the younger children when waking from their naps, if this does not interfere with meals. Make every child eat slowly and chew his food well and not wash it down with water or milk. Allow child to drink water between meals but not at bedtime. Make every child wash his face and hands before meals. SERVE FOOD WARM AND WELL COOKED on clean dishes and a clean table. KEEP FLIES AWAY FROM FOOD. One fly can give typhoid fever or summer complaint. If all milk is put in double boiler and water about it boiled for 15 minutes, much of the danger of tuberculosis or other milk-borne diseases will be avoided. Put the child to bed before 7 o'clock. Do not let him play violently or hear exciting stories just before bedtime.

### Favorite Songs

#### BARBARA ALLEN

In Scarlet town, where I was born, there was a fair maiden dwellin'  
Made every youth cry, "Well away!" Her name was Barbara Ellen.  
All in the merry month of May, when green buds they were swellin'  
Sweet William on his deathbed lay, for love of Barbara Ellen.

And death is printed on his face, and o'er his heart is stealin',  
Then haste away to comfort him, Oh, lovely Barbara Ellen.  
So slowly, slowly she came up, and slowly she came nigh him,  
And all she said when there she came:  
"Young man, I think you're dyin'."

He turned his face unto her straight, with deadly sorrow sighin',  
"O, pretty maid, come, pity me. I'm on my deathbed lyin'."  
"If on your deathbed you do lie, what need the tale you're tellin'?"  
I cannot keep you from your death! farewell!" said Barbara Ellen.

He turned his face unto the wall, and death was with him dwellin',  
"Adieu, adieu, my dear friends all, adieu to Barbara Ellen."  
As she walking o'er the field, she heard the bells a-knellin',  
And every stroke did seem to say, "unworthy Barbara Ellen!"

She turned her body round about, and spied the corpse a-comin',  
"Lay down, lay down the corpse," she said, "that I may look upon him."  
With scornful eyes she then looked down, her cheeks with laughter swellin'  
While all her friends cried out again, "unworthy Barbara Ellen!"

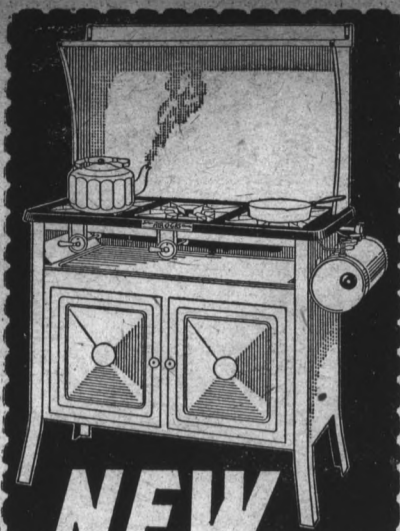
When he was dead and in his grave, her heart was struck with sorrow.  
"Oh, Mother, Mother, make my bed, for I shall die tomorrow.  
Hard hearted creature him to slight who lover me all so dearly,  
Oh, that I'd been more kind to him when he was alive and near me!"

She on her deathbed as she lay begged to be buried by him,  
And sore repented of the day that she did e'er deny him.  
"Farewell," she said, "ye virgins all, and shun the fault I fell in,  
Henceforth take warning of the fall of cruel Barbara Ellen."

### Folks at Our House Like—

As I always look at the recipes in M. B. F. for something good to eat, I thought someone might be interested in this one that is in keeping with the season. This is our favorite spring dish.

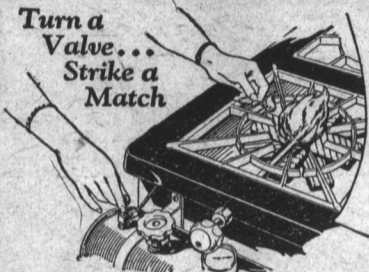
**Dandelions With Dressing.**—Prepare greens in usual way, cook in salt water until tender, and drain. Make a dressing of the following ingredients: 2 eggs beaten light, 1 cup of sour cream or more if desired, salt and pepper, vinegar sufficient



# NEW

## Instant Gas Starter

Turn a  
Valve...  
Strike a  
Match



A GAS well in your back yard wouldn't be as handy as one of the new Coleman Air-O-Gas Stoves in your kitchen.

No piping, no wiring, no installation costs when you get your Coleman—yet it operates as easily, as efficiently, as safely as if you had gas piped in your home. Makes its own gas. Use any good grade of untreated motor fuel.

The new Instant Gas Starter (patents pending) lights right now! Just strike a match; turn a valve. You have full cooking heat ready on all burners in less than a minute.

You get faster action, easier operation, still greater economy in the new Air-O-Gas. Cleans as easily as a china dish. Has new Even-Heat Burners and a Built-in Pressure Pump for your convenience.

Made in a variety of styles and sizes handsomely finished in snow-white porcelain, rich French gray enamel, satiny black Japan—trimmings of glistening nickel.

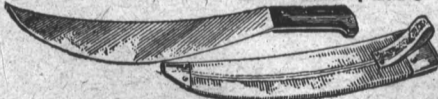
Ask Your Dealer for a demonstration. Write for descriptive literature and prices on the various models. Dept. MB 18 THE COLEMAN LAMP & STOVE CO. General Offices: WICHITA, KAN., U.S.A. Factories: Wichita, Chicago, Toronto Branches: Philadelphia, Chicago, Los Angeles (AO-18)

# Coleman

# Air-O-Gas

## PRESSURE STOVES

ARMY MACHETE BOLO \$1.50



with 15 inch heavy blade, sharp edge, with tan scabbard \$1.50 POSTPAID. Illustrated catalog, 380 pages, issue 1927 at 50 cents; shows saddles, high power rifles, tents, coats, helmets, haversacks, etc. Special circular for 2c stamp. Established 1865. FRANCIS BANNERMAN SONS 301 Broadway New York City

WHEN WRITING ADVERTISERS PLEASE MENTION THE BUSINESS FARMER

# Cuticura Talcum

# Unadulterated

# Exquisitely Scented

to make sour enough to suit taste. Pour dressing over greens and serve. After the dandelion season is gone, endives are delicious served the same way—Mrs. C. W., Gratiot County.

### Klever Kiddies

Our little daughter aged 3 was sitting on Daddy's knee. Daddy just home from work noticed a long scratch on Daughter's arm, and asked,

"My! My! Where did you get that? Did the cat scratch you?"

Little Daughter, looking down at the scratch, replied, "No, Daddy, I scratched me on the cat."—Mrs. J. M.

### WOMEN'S EXCHANGE

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

182.—Purple lilacs, myrtle, and wild violets for other roots.—Mrs. Edwin Somers, Grand Blanc, Mich.

183.—Iris, dahlia, golden glow roots for bleeding hearts, gladiolas, hardy chrysanthemums.—Mrs. Harry Goetz, Adrian, Mich.

184.—Double white lilacs for bleeding heart or chrysanthemums.—Mrs. John Brenner, R. 2, Shepherd, Mich.

185.—Gearhart knitter, and yarn for trio of Toulouse geese or turkeys.—Marion Hamilton, R. 7, Box 13, Adrian, Mich.

186.—Willow baby buggy for old fashioned writing desk, or what have you?—Mrs. Geo. Walker, Route 2, Elsie, Mich.

### Aids to Good Dressing



6145.—Just the kind of a neat spring dress that will look well anytime, anywhere. Make it of printed voile, linen, pique, tub silk, printed sateen, shantung, preshunk flannel, broadcloth, or striped shirting.

Cut in 4 sizes: Small, 34-36; Medium, 38-40; Large, 42-44; Extra Large, 46-48. Medium size requires 4 1/2 yds. of 36 in. material, with 1/2 yd. contrasting material.

6144.—This pattern is an especially good selection for the woman of stout, mature figure. Notice the "V" shaped neck, the diagonal lines, and pleats in front—all of which tend to make the figure look more slender. Use plain material or a very small patterned print in any of the following: Gingham, percale, linen, narrow striped tub silk, voile, broadcloth, crepe de chine, dimity, or striped shirting.

Cut in 8 sizes: 38, 40, 42, 44, 46, 48, 50, and 52. A 40 in. size requires 4 1/2 yds. of 36 in. material with 1/2 yd. of contrasting material and 3 yds. of bias binding to finish as illustrated.

### SHOPPER'S NOTEBOOK

Women's clothes, even for sport wear, are less severe and mannish and more truly feminine than they have been for some time.

The normal waist line is coming back, but it is only for the slim, boyish figure. If you have large hips, you will be wise to keep your waist line low, just above the hip bone.

Buy shoes and gloves at least a half size larger than your feet and hands. Part of the secret of being well dressed is to have clothes large enough to allow ample freedom of movement.

The monogram which has long been so popular on sports dresses now has a rival. The newest thing is to write your nickname out in your own hand-writing and embroider it on pocket, belt, or cuff.

Tweed is such a serviceable material and will stand so much hard wear that it is a pity more folks in the country do not make use of it.

Costume jewelry—that is, beads, brooch, and bracelets that match—is being worn considerably.

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## The Children's Hour

**DEAR BOYS AND GIRLS:** I do not intend to write a very long letter today because our President has written one that is a very good substitute for mine and I know you will find it of great interest. All I am going to do this time is tell you about the winners in our latest "What's Wrong" contest.

There were fourteen mistakes in the picture and of the many to write in only one found all of them—Pearl Faist, R. 3, Reed City—and first prize, a lovely purse, has been mailed to her. And there is an interesting thing about Pearl winning this contest. One evening she wrote her list of what was wrong and then the next morning hurried off to school without mailing it. After she had gone her mother discovered it and mailed the letter herself, knowing that Pearl was anxious to have it go out as soon as possible.

Second prize, a dresser set of tray, comb and picture frame, went to Hazel A. Cook, R. 3, Zeeland, who found 11 mistakes. Bernard Grace, R. 1, Butternut, with 10 mistakes, got a football as third prize. And the 10 mistakes Edna Wilkie, R. 2, Brown City, found won a nice framed picture for her as fourth prize.

The mistakes in the picture were as follows:

Chains missing on light fixture.  
Man eating sundae with fork.  
Word "Sundae" misspelled on sign.  
Lenses in man's eye glasses do not match.  
Word "here" misspelled on sign.  
Cashier's cage has no window.  
Electric light cord between fan blades.  
Clock has only one hand.  
Sign on counter faces wrong way.  
Man has cap on backwards.  
One soda cup has two handles.  
Little girl's shoes do not match.  
Man has only one spat on.  
"Druggist" sign should be reversed on window.

Well, well, looks like this letter turned out to be as long as any other, doesn't it? Next issue I will have another contest for you.—**UNCLE NED.**

### Our Boys and Girls

#### FROM OUR PRESIDENT

Dear Uncle Ned:—Well here I am again. Yes, it's Ethel Fay Sharp to be sure. I want to talk to the boys and girls about something that I hope will stir up some comments. It is just a little subject of the modern ways of the world.

It takes two kinds of people to make the world, males and females. Without either sex the world would not travel very far I am afraid. We truly know that the world moves much faster today than it did fifty years ago. Look at the contraptions we have to go in today: automobiles, airplanes, submarines and steamboats. There is a way of going most every way one wishes to travel—in the air, on the ground, and under the water as well as earth, and we youths of today are being brought up to see and learn all about these things, thinking not as much of them as our great-grandparents would a fast going horse and buggy.

As to the habits of boys nowadays, I think they are more noticeable, especially drink. I think there is nothing like intoxication, not only the looks but the harm it does. I know I am not the only one talking about this matter, but folks, what can we do to make boys that will drink stop in some way? That's what I'd like to know. I know it isn't because their parents do not talk to them, but they seem to think it is a credit when really it is a debt at uncertain cost. Some times they end up in jail. If boys only realized what jail meant I think they would be more careful.

Smoking is another every day habit that looks sort of silly, if you are inclined to think so and it is also injurious to the body. Perhaps smoking effects the mind, too.

As for the girls, well I'm a girl but not like some. Some girls in many respects are as bad as the boys. You don't think so much of it to see a girl smoking. I read in some paper where the "boy cut" hair was going to be more stylish than ever this year. I think that's very silly looking. I think it is bad enough to have it bobbed. I suppose a lot of you are calling me a regular old faded wall flower. No, I'm not that, I like to be sociable and have friends, I enjoy a show and other entertainment now and then, but I do not go to dances. It may be alright for those that go but some dances are unfit for any human being to attend, I think.

I think lots of boys and girls could be encouraged if parents took the right way. A mother should talk to her son, telling

him right from wrong. She should talk to her daughter also, and father should do his share. Parents should take a great interest in their children as they are growing up.

Can't some of you boys and girls help us by giving your opinions, for you know it is rather hard to go ahead and work all alone, especially when we have such good helpers.

I bet Joe Howath was dreadfully tickled when he saw that picture of me. Bet he said to himself, "Oh, I'm glad my letter went to Ohio instead of Michigan." Eh, Joe? But never mind, you showed your good will and I appreciated the letter even though I didn't get it. We hope to hear from you again.

Let's hear from Carrel Culbert, Ralph Lowell, Donald Erdman, Elton Hickmott, Thomas McCarthy, Gerald Beach, Charles Morrison, Colin B. Miller (Guess he's a boy), Walter Carlson, and a lot of others not mentioned. Come on, boys, let's hear you tell what is wrong with the girls, and everything good, too.—Ethel Fay Sharp, R. 3, Akron, Mich.

### Riddles

Why is a camel's neck so long? Because his head is so far from his body.  
Why is the letter "A" like a honey-suckle? Because the B (bee) follows it.  
What pen ought never to be used for writing? A pig pen.—Florence Stockmeyer, R. 1, Munger, Mich.

What goes around the house and makes one track? A wheelbarrow.

What is it that can go up the chimney down or down the chimney up, but it can't go up the chimney up or down the chimney up? An umbrella.—Luella Engebretsen, R. 3, Lakeview, Mich.

What is black and white and red all over? A newspaper.—Lavinia Griswold, R. 3, Lakeview, Mich.

What is it that has only one leg and a heart in its head? A cabbage.—Rita Taylor, R. 3, Lakeview, Mich.

### Tongue Twisters

Flesh on freshly fried flying fish.  
Two toads totally tired tried to trot to Teddsbury.—Clar Carmondy, R. 3, Owosso, Mich.

Esau Wood sawed wood. Esau Wood would saw wood. Oh the wood Esau Wood would saw. All the wood Esau Wood saw Esau Wood would saw. In other words, all the wood Esau Wood saw he sought to saw. One day Wood's wood-saw would saw no wood; hence, all the wood Wood would saw was not the wood Wood would saw if Wood's wood-saw would saw wood. Now Wood would saw wood with a wood-saw that would saw wood, so Esau sought a saw that would saw wood. One day Esau saw a saw saw wood as no other wood-saw would saw. In fact, of all the wood-saws Wood ever saw saw wood Wood never saw a saw saw as the wood saw Wood saw would saw. And I never saw a saw saw wood as the wood-saw Wood saw would saw until I saw Esau saw wood with the wood-saw Wood saw saw wood. Now Wood saws wood with the wood-saw Wood saw saw wood.—Minnie Wagenschutz R. 1, Kalkaska, Mich.

She shall sit by my side in the sunshine.

### A Game to Play

#### LAST COUPLE OUT

**PLAYERS** are lined up in couples, with about eight couples in a line. One player stands in front of the line as "caller." When he calls "last couple out," the two who are at the end of the line separate, one going on each side of the line, and run up to the front, where they try to get together before the caller catches either one. The caller all this

#### WANTED: NAME AND ADDRESS

**WHAT** girl or boy living near Paw Paw wrote me on April 28th enclosing a two-cent stamp for a pin and card but forgot to sign their name? Also I wish Gladys Williams would send me her address so I can send her pin and card. Whenever you write, boys and girls, be sure to sign your name and address so that it can be easily read.—Uncle Ned.

time has to stand looking straight in front of him so that the couple will have a fair chance to get together. If he tags either of the couples he may be the caller again. If he fails, he may choose one of the two to take his place, and he becomes the partner of the other, with whom he takes his place at the beginning of the line, the game proceeding as before.

## CROP REPORTS

**Hilldale.**—Still cold but getting dry. Pasture hasn't started much, but some farmers short of feed, have turned out stock. Some corn planted; others fitting ground. Not many gardens made. Fruit trees not blooming very full. Oats and barley up but not growing very fast; too cold. Eggs have advanced slightly; 27c doz. Last returns for butter fat was 52c a lb. for April 1st to 15th.—C. H., May 14.

**St. Joseph.**—Farmers busy plowing up corn stubble, also for new crop. Weather cold for chicks, but pigs and lambs have not decreased. Some have sheared sheep but not everyone. Corn planting well under way. Wheat and rye survived in this vicinity. Fruit trees blossomed full. Quotations from Sturgis: Wheat, \$1.87; corn, \$1.05; oats, 60c; rye, \$1.25; potatoes, \$1; butter, 49c; eggs, 25c.—C. H., May 12.

**Lenawee (West).**—Oats about all sown. Weather cool and dry, need showers badly. Farmers sowing more timothy seed than common. Hay will be very scarce. Clover and new alfalfa mostly winter killed. Grain very scarce in farmers' hands. First corn planted, May 12th. Trees in full bloom with frosts every night. Early strawberries killed. Quotations from Cadmus: Wheat, \$1.75; oats, 64¢; 69c; butter, 45c; eggs, 28¢@30c.—C. B., May 14.

**Oakland (N. W.).**—Still cold and quite dry. Roads quite dusty. Am going to plow about ten acres of alfalfa that was seeded last spring and sow soy beans on it. If we are short of hay when it is ready to cut, will make hay of it. If it is not needed for hay will let it ripen and thresh it. It makes a fine hay for sheep. Will sow alfalfa with soy beans. Quotations from Holly: Wheat, \$1.90; oats, 75c; rye, \$1.20; beans, \$9.15; butter, 40c; eggs, 25c.—J. D. C., May 12.

**Oscola.**—Still cold with north and northwest winds. Some oats sown. Getting pretty dry and not many gardens planted. No potatoes planted; some will be planted this week. Fall wheat and rye suffered; some pieces will be sowed to oats or buckwheat. Fine weather, but need rain badly. Quotations from Tustin: Corn, \$1.20; oats, 75c; rye, \$1.10; beans, \$9; potatoes, 80c; butter, 40c; eggs, 25c.—R. L. Clark, May 12.

**Alpena.**—Seeding about all done. Quite large acreage of peas being sowed. Potatoes moving good at 70c per bu. Not much corn will be planted. Quotations from Spratt: Wheat, \$1.50; oats, 75c; rye, 90c; beans, \$8.50; potatoes, 70c; butter, 45c; eggs, 22c.—R. W. H., May 14.

**Genesee.**—Nearly all oats sown. Weather has been warm past week. Farmers busy plowing bean and corn ground. There will be increased acreage of beans planted. Some barley planted. Very few hogs raised. Prospects for wheat crop not good; badly injured by winter killing. Quotations from Flint: Wheat, \$1.31; corn, \$1.10; oats, 73c; rye, \$1.15; beans, \$9.55; butter, 50c; eggs, 29.—H. S., May 15.

**Midland.**—May 14th and freezing some nights. Now and then piece of corn in. Oats looking good. Not much corn in. Sugar beets about usual acreage going in. Cattle high and so are taxes. Let's go fishing! Quotations from Midland: Wheat, \$1.37; corn, \$1.00; oats, 73c; rye, \$1.25; beans, \$9.45; potatoes, \$1.00; butter, 46c; eggs, 27c.—B. V. C., May 13.

**Saginaw.**—Oats that were sowed early looking fine. Wheat does not look very good; few fields look fine. Ground getting dry. Everything in need of rain. Normal acreage of oats sowed. Some have corn in and some have not started to plow. Lots of plowing to do. Corn acreage will be increased some. There will be normal acreage of beans sowed if we get rain. Quotations from Hemlock: Wheat, \$1.85; corn, \$1.00; oats, 72; rye, \$1.22; beans, \$9.45; potatoes, \$2.00; butter, 36c; eggs, 29c.—F. D., May 14.

**Kent.**—Weather has been exceedingly dry. Just had fine rain. Grain and meadows beginning to look good. Very little corn planted; been too cold. Most of spring plowing done. Chicken and grain thieves pretty busy. But Minute Men will soon be organized here, then good-bye to stealing. Orchards in blossom and few farmers wives have planted gardens. Potatoes so cheap they make farmers feel discouraged but quite few acres will be planted again this year. Quotations from Cedar Springs: Wheat, \$1.75; corn, \$1.20; oats, 70c; rye, \$1.00; beans, \$9.25; potatoes, \$1.00; butter, 47c; eggs, 27c.—Mrs. L. H., May 16th.

**Montcalm.**—High winds and cooler weather last few days. Farmers busy getting ground ready for corn and beans. Lots of sickness and colds. School will soon be out. Quotations from Stanton: Oats, 65c; corn, 50c; beans, \$7.50@8.00; potatoes, 90c; butter, 47c; eggs, 27c.—Mrs. C. T., May 14.

**St. Joseph.**—Farmers busy plowing up corn. Oats up nicely. Many pieces of wheat look poor. Clover that survived winter looks good. Lots of alfalfa winter killed. Everything late due to season. Some farmers report heavy loss of pigs and little chicks.—A. Y., May 14.

**Sanilac.**—Very dry until today; getting fine rain. Good acreage of oats sown; much certified seed. Some commencing to plant corn. About usual acreage of beans will be planted. More barley seed sown than usual. Pasture short; many had to turn out. No feed left. Late rye total failure. Early wheat fair. Early sown seeding hard hit by freezing nights; may come through. Oats promise well, getting good start. Hay will be short crop on account of dry weather. Quotations from Decker: Wheat, \$1.85; oats, 80c; rye, \$1.25; beans, \$9.60; potatoes, \$1.00; butter, 45c; eggs, 29c.—A. C. McK., May 16.

**Huron (E.).**—Splendid condition for seeding since last issue. Timely shower saved fall seeding though now cold and dry. Large acreage oats and barley planted. Farmers now fitting for hoe crops. Not much beet land. More peas would be sown but for scarcity of seed. More inquiry for seed corn. Sweet clover being sown everywhere, especially on rented land. Non-resident, cheap seed. Local roads still rough. Number of land-owners do not favor further issue of bonds for building of gravel roads. A bad barn fire caused by a fire of rubbish. Quotations from Bad Axe: Hay, \$8.00; milk, 3.5 test, \$1.80 net; eggs, 25c; butter, 50c.—E. R., May 14.

**Kent.**—Pastures in good shape. Oats up but don't look well some places. Plowing for corn and late potatoes. Some gardens in. Wheat looks better; about 4 to 6 in. high. Chicks doing fine. Some early spring pig losses. Apple, pear and cherry trees in bloom. Lots people moving on vacant farms, mostly from cities. Quotations from Lowell: Wheat, \$2; corn, \$1.25; oats, 80c; rye, \$1.45; beans, \$9; potatoes, \$1; butter, 40c; eggs, 27c.—S. K. W., May 15.

### MUSINGS OF A PLAIN FARMER

By A. P. BALLARD

"We are behind with our work," says I to Mrs. B. over the coffee. "Seems things don't click right this spring for some reason."

"I know, I know," said she. "This place needs management; a directing head."

"Is zat so?" said I. "Is the king dead? Is the chair empty? Is the sword unswayed?"

"There are no kings around here," countered she. "This is a democratic form of government."

"Quite so, quite so," said I, and gulped my coffee to the last drop. Seized my hat and rushed to the stable with great haste.

It is the gospel of wealth and the law of accumulation that causes this annual spring rush. It will be thus until people are content with less.

It's this maniacal desire to produce big crops that's causing me to follow this plow around and develop charlie horse in my left leg which throws me into a spasm of pain when my brogan strikes a clod.

Well, I must plow on and seek the bag of gold at the end of the rainbow. Even if I am compelled to resort to crutches.

If the neighbors would only pull out for the day I would release myself for a few hours and bathe my knotted limb with liniment. But while they're out I'm out. Like a race horse scoring to the scratch.

I suppose it would be well to operate the tractor and save my game leg. But no! That wouldn't work. This is a small plot and dedicated to potatoes and late vegetables for the table.

No mechanical plow will work in here. My hand must guide the mould board. This is my habit and I refuse to change.

It always grates me to stop the big field operations and go into this acre which usually produces about seven-eighths of our living.

This special plot of ground produces iron, vitamins, and other ingredients so important to the growth of the children. And as Mrs. B. asked me this morning, "Who squawks first when the tomatoes, carrots, cabbage, etc., are missing from the table?"

"I do," said I very meekly.

Well, I have run the dead-furrow. Now the cultipacker; the disk; broadcast the fertilizer; harrow; then plant. Now nature, do your stuff.

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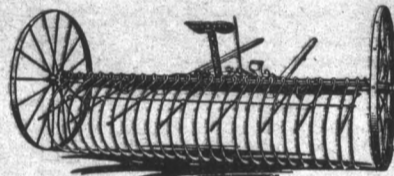
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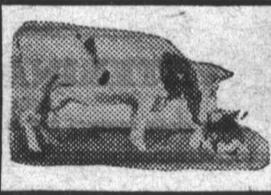
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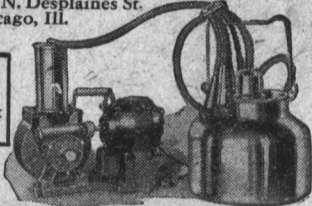
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Heaves, Coughs, Conditions, Worms. Most for cost. Two cans satisfactory for heavy or money back. \$1.25 per can. Dealers or by mail. The Newton Remedy Co. Toledo, Ohio.

## DAIRY AND LIVESTOCK

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

### HERD TEST OPEN TO JERSEY BREEDERS

THE increasing value of dairy herd improvement association testing is causing national breed associations to adopt the herd test. Last October the Holstein Friesian Association of America adopted such rules beginning the testing work, January 1.

The American Jersey Cattle Club announces a plan for the conduct of a herd test to become effective, July 1. Briefly, the object for the Jersey improvement registry for the Jersey cattle club is to obtain a record on the entire herd for the purpose of making definite herd improvement. It is designed to give Jersey cattle breeders a herd test that can be recognized by the American Jersey Cattle Club as an official herd average and published as such.

Provision is made for the furnishing of a certificate by the club to the owners of the herd upon completing a years record. All registered

### HEAVY FLEECES

DEAR EDITOR:—We sheared seven sheep. The fleece of one three year old ram weighed 30 pounds. A yearling sheared 20 1/4 pounds. The seven fleeces weighed 141 pounds. The sheep are a cross between coarse and fine wool, measured 20 inches in length.—H. Haskins, Ionia County.

Jerseys in a herd that have ever come in milk must be placed in the test. Twelve test periods of twenty-four hours each are prescribed. Not more than forty milkings shall be supervised in one day by the tester. The tests of the cow tester in charge of Michigan dairy herd improvement associations will be accepted when approved by the superintendent of official testing.

It will be remembered that Jersey breeders when assembled at their last annual meeting during Farmers Week at M. S. C. expressed their desire for such a plan. It is thought that many Michigan Jersey cattle breeders now testing in dairy herd improvement associations will take advantage of the herd test so offered by the American Jersey Cattle Club.

The cost for entering cows in the Jersey Herd Test is small. A fee of \$5.00 per herd is charged when application for permission to test is made. In addition a fee of ten cents

per cow per month entered in the test will be charged to cover extra labor by the cow tester and for checking records at the office of superintendent of official testing.

Michigan Jersey breeders desiring to apply for this herd test should correspond with the Superintendent of Official Testing, Dairy Department, M. S. C., East Lansing, Michigan.—A. C. Baltzer.

### T. B. TESTING REACHES PEAK OF MORE THAN 1,000,000

MORE than 1,000,000 cattle were given the tuberculin test during the month of March, according to a summary of progress in the eradication of tuberculosis of livestock just issued by the Bureau of Animal Industry of the United States Department of Agriculture. This is the largest number of cattle given the tuberculin test in a single month in the history of the campaign against this disease. The exact number of animals tested was 1,009,731 and out of this number 27,999 were found to be tuberculous. The report contains cumulative results of the testing work for the entire period of the eradication work by the department extending over more than 10 years and is based on testing operations conducted cooperatively by Federal and State officials.

In spite of this extensive activity, the demand for testing in most States exceeds the present facilities. By the end of March more than 3 1/2 million cattle were still on the waiting list.

The number of modified accredited counties has reached the impressive total of 447. This designation refers to counties which have completed a series of tuberculin tests of all the cattle with the result that infection did not exceed one-half of one per cent.

The number of cattle in herds accredited as free from tuberculosis exceeds two million, and the total number of cattle under supervision for the eradication of the disease now exceeds 20,500,000. The results of the campaign and particularly the gradual decline in bovine tuberculosis, as shown by a series of surveys, have enlisted the active participation of cattle owners in many additional counties. Present indications point to the continued progress of tuberculosis eradication on a large scale, of which the March report is typical.

## VETERINARY DEPARTMENT

Edited by DR. GEO. H. CONN

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

### DEPRAVED APPETITE

Could you tell me what to feed cows that chew wood, loose boards, and gnaw on the manger?—Reader, Leelanau County.

YOUR cows chew wood because they have a depraved appetite caused by not having a balanced ration; you can only get results by feeding balanced ration and then adding 5 pounds of bone meal to each 100 pounds of it. You can make a fair ration as follows: 300 pounds of cornmeal, 200 pounds of ground oats, 100 pounds of bran, 100 pounds of middlings, 100 pounds of oil meal.

### RICKETS

I have a litter of pigs all doing well except two of them have something wrong with their hind legs. They can hardly get up on them and their feet bend forward in the joint just above the hoof. They don't seem to suffer with it, eat heartily, and doing well. Can get about fairly well after they get up and move around a while. I have been feeding them ground oats, barley and corn and about two teaspoonfuls of Doctor Seagers' stock food once a day and a dose of turpentine once a week. Please tell me what to do.—J. W. N., Mt. Morris, Mich.

YOUR pigs have rickets; the only thing you can do is to feed bone-making feeds and see if you can strengthen their bones. Get some

tankage and mix 15 pounds of steamed bone meal with it. Give the pigs, all of them, 1/4 pound per day in skim milk or buttermilk slop if you have it. If not, add some bran and oilmeal to the slop. Do not feed very much corn. Bones are too weak to hold their weight.

### TENDER SHOULDERS

I have a mare that has tender shoulders and I would be very glad to find out something that I could wash them with that would toughen them. I used to know of some kind of bark but didn't write it down and can't recall it.—S. S., Decatur, Mich.

I SUPPOSE that you are thinking of oak bark; if so would suggest that you get a saturated solution of tannic acid in alcohol and paint this over the shoulders once each day for the first several days that you put this animal to work. This tannic acid is the same thing that comes from the oak bark.

### GIVES BLOODY MILK

I have a cow that gives bloody milk. Would you please tell me what to do.—J. M., Rhodes, Mich.

GIVE this cow a tablespoonful of liquor potassi arsenitis night and morning on some ground feed for 30 days. Also give her night and morning as a drench in one pint of water 2 tablespoonfuls of formalin for one week.

## VENTILATE Jamesway

### KEEP YOUR BARN

- Warmer in Winter
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- Save Feed
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All of these and many more benefits may be yours at very little cost. Write today for free booklets telling all about Ventilation as worked out by Jamesway Engineers. Jamesway Ventilating Systems cost less than home made systems. Easy payment terms. Write to nearest office.

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### BREEDERS' DIRECTORY

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

## CLAIM YOUR SALE DATE

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

### CATTLE

#### HOLSTEINS

### Bull Calf For Sale

TRAVERSE CITY STATE HOSPITAL  
Born August 11, 1927

A son of Prince Echo Rauwerd who now has 20 daughters from 20 to 31.22 pounds in 7 days as immature cows.

Out of Traverse Echo Inka, a daughter of Echo Sylvia King Model, with 28.76 pounds in 7 days and with 26.22 pounds as a Junior three year old.

Send for Pedigree of 711

"MICHIGAN STATE HERDS"  
Bureau of Animal Industry  
J. E. Burnett, Director,  
Lansing Michigan

31 LB. BULL, 11 MO., MAY ECHO SYLVIA  
ALCARTRA breeding. Address MRS. HELEN  
C. DRAKE, Vestaburg, Michigan.

### GUERNSEYS

FOR SALE—Guernsey Bull. Mixer Shiek 106595. 4 year old June 31st. Double Grandson of: YEOMAN'S King of the May 17053AR. Also five of his bull calves, three to five months old. Jas. C. Ranney, DeWitt, Mich.

### HEREFORD

HEREFORD STEERS FOR SALE  
84 average 450 127 average 540  
98 average 660 80 Short horns average 750  
3 nara tested cows and heifers.  
JOHN CARROW :: OTTUMWA, IOWA

### SHORTHORNS

FOR SALE POLLED SHORTHORNS, BOTH SEX of herd heading merit. We know that you will be pleased with what we have. Prices reasonable, and we stand squarely behind any guarantee we make. Herd headed by Royal Peer No. 21473 and Meadow Marshall No. 1351676.  
BRANCH CO. FARM,  
Geo. E. Burdick, Mgr. Coldwater, Michigan

Two Registered Milking Shorthorn Cows, Just fresh, and one heifer 14 months old. Prices: \$125, \$150, \$175. R. G. Palmer, Belding, Mich.

### SWINE

O I C'S—LAST FALL SERVICE BOARS AND BRED GILTS, this spring pigs. Not akin.  
OTTO SCHULZE, Nashville, Michigan.

## Stop Using a Truss

STUART'S ADHESIF PLAPAO-PADS are entirely different from trusses—being mechanical-chemico applicators—made self-adhesive purposely to keep the muscle-tonic "PLAPAO" continuously applied to the affected parts, and to minimize painful friction and danger of slipping.

No straps, buckles or springs attached. Soft as velvet—easy to apply—inexpensive.



For almost a quarter of a century satisfied thousands report success without delay from work. Stacks of sworn statements on file. Process of recovery natural, so no subsequent use for a truss. Awarded Gold Medal and Grand Prix. Trial of "PLAPAO" will be sent you absolutely FREE. No charge for it now or ever. Write name on coupon and send TODAY.  
Plapao Co., 299 Stuart Bldg., St. Louis, Mo.

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Free—Trial Plapao—Free

## 146 ENTRIES IN BABY CHICK SHOW

ON May 9 and 10, the first baby chick show to be held in this part of the country was staged very successfully at the Michigan State College. All hatcheries in Michigan were invited to send exhibits and fifty-seven responded with a total of one hundred and forty-six entries. The largest class was the White Leghorn variety with sixty-one exhibits, closely followed by the Barred Rocks with 37 entries. Judging took place in the afternoon of the first day, and in the afternoon of the second and last day all chicks were sold at auction, each lot being offered separately to the highest bidder. The money derived in this way was used to pay expenses of putting on the show. An educational program took up much of the afternoon on Thursday, with Reese V. Hicks of the International Baby Chick Association, Dr. H. J. Stafseth and Prof. C. G. Card of M. S. C. as the principal speakers. Mr. Hicks also acted as judge of the show. The entire show was open to the general public.

Several very fine silver cups were offered as prizes as well as a large number of ribbons. THE BUSINESS FARMER's cup was won by an entry of Buff Orpington chicks from the Lakeview Poultry Farm at Holland.

Classes and winners at the show were as follows:

**WHITE LEGHORNS:** 1, Lakeview Poultry Farm, Holland; 2, Townline Poultry Farm, Zeeland; 3, American Chick Farm, Zeeland; 4, Silverward Poultry Farm, Zeeland; 5, Pine Bay Poultry Farm, Holland; 6, Grandview Hatchery, Zeeland; 7, Riverview Hatchery, Zeeland; 8, Wyngarden Hatchery, Zeeland.

**BUFF LEGHORNS:** 1, Dr. L. E. Heasley, Grand Rapids; 2, Kilbourn Poultry Farm, Flint; 3, Dr. L. E. Heasley; 4, Knoll's Hatchery, Holland.

**BROWN LEGHORNS:** 1, American Chick Farm; 2, Townline Poultry Farm; 3, Rural Poultry Farm, Zeeland; 4, Hillview Hatchery, Holland; 5, Knoll's Hatchery; 6, Hunderman Bros., Zeeland.

**BARRED ROCKS:** 1, Silverward Hatchery; 2, Holland Hatchery; 3, Brummer & Frederickson, Holland; 4, Kilbourn Poultry Farm; 5, Aseltine Poultry Farm, Comstock Park; 6, Hunderman Bros.; 7, Aseltine Poultry Farm; 8, A. N. Dean, Birmingham.

**WHITE ROCKS:** 1, A. N. Dean; 2, C. P. Pressley, Ithaca; 3, Washtenaw Hatchery, Ann Arbor; 4, Lakeview Poultry Farm.

**R. C. REDS:** 1, Interlakes Farm, Lawrence; 2, Lakeview Farm; 3, Pierce Hatchery, Jerome.

**S. C. REDS:** 1, Interlakes Farm; 2, Hunderman Bros.; 3, Dean's Egg Farm; 4, Lakeview Poultry Farm; 5, Carl's Poultry Farm, Montgomery; 6, Kilbourn's Poultry Farm; 7, Howe's Accredited Hatchery, Essexville; 8, Pierce Hatchery.

**WHITE WYANDOTTES:** 1, C. P. Pressley; 2, A. N. Dean; 3, Carl's Poultry Farm; 4, Lakeview Poultry Farm; 5, Capitol Keystone Hatchery, Albion; 7, Washtenaw Hatchery.

**ANCONAS:** 1, Townline Poultry Farm; 2, Holland Hatchery; 3, American Chick Farm; 4, Silverward Hatchery; 5, Rural Poultry Farm; 6, Hillview Hatchery.

**BLACK MINORCAS:** 1, American Chick Farm.

**BUFF ORPINGTONS:** 1, Lakeview Poultry Farm.

Home-grown feed to home-grown livestock adds to farm profits.

Thorough cultivation is an important factor in controlling weeds.

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—here it is—taste, rich fragrance and mellow mildness. Camel is the cigarette that introduced the world to “smoking for pleasure.”

# Camels

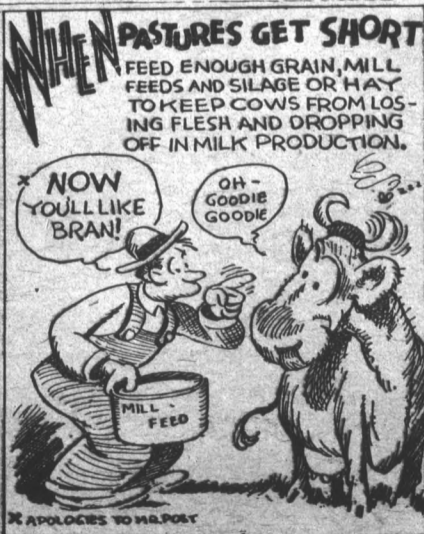
*“I'd walk a mile for a Camel”*

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## HERE'S HOW

## To Make Money on Your Cows

By Ray Inman



# RURAL CHICKS

## Breeding Stock

## Hatching Eggs

Rural "Gold Seal" Chicks are making a record of profit performance. Their story of abundant, large sized, pure white eggs, is boldly written in the bank books of our Customers.

Look at these facts squarely when considering the purchase of your baby chicks. Then place your order with Rural. These dependable layers will please you. We know they're Profit Producers, as do thousands of Rural Customers.

**DELIVERIES MAY 14, 16, 21, 23, 28, 30**  
**MICHIGAN ACCREDITED**

Rural Stock, Chicks and Hatching Eggs are all Michigan Accredited. This means our flocks are under the supervision of an authorized inspector from the Michigan Poultry Improvement Assn. directed by the Michigan State College, and in whose unbiased, impartial opinion, Rural Breeding Stock conforms closely to the Standard of Perfection.

## FREE

With each order we will give FREE, a valuable Feeding Chart and Poultry Guide. Also our Personal Service goes with each order. For our interest does not cease with the shipment, but continues throughout the life of your stock.

## The RURAL GUARANTEE BACKS Every Chick

We guarantee absolute satisfaction or your money gladly refunded. This strong Guarantee, plus 100% Live Delivery at your door is possible, only because of our years of careful selection and breeding. Increased and maintained through thousands of dollars invested in our large modern hatching and breeding establishment.

Many Letters Like These Prove the Value of RURAL Chicks

Dear Sirs: Please send me your catalog and price list of day old chicks. We purchased 200 of you two years ago. We were more than pleased with the results. Quite a number of the hens laid 260 eggs each or more. Mark H. Butler.

## EASY TERMS

Pay Only ONE CENT PER CHICK DEPOSIT. Pay the balance when the chicks arrive at your door. We know you will be pleased and we are willing to take all the risk.

# FINAL PRICE REDUCTION BUY AT THESE LOW PRICES

Rural "Gold Seal" Commercial Grade Hollywood Foundation S. C. White Leghorns.

## CHICKS

We can also furnish Brown Leghorns and Anconas at these prices.

Lots of 100.....	\$ 9.00
Lots of 500.....	42.50
Lots of 1000.....	80.00
Assorted, per 100.....	7.00

## PULLETS

8 WEEKS and OLDER

Write for Prices on Healthy, Husky, Free Range Raised White Leghorn Pullets. For May and later delivery.

**RURAL POULTRY FARM, Box B-52, Zeeland, Mich.**

# SILVER WARD SELECT CHICKS ROCK BOTTOM PRICES



Never before have you been offered a better value in chicks than you are here. Read these low prices and realize that here is an unusual buy. You get Michigan

You get 100% live delivery, postpaid. You get prompt ship-accredited chicks which means every breeder is approved by specialists under supervision of Mich. State Poul. Im. Ass'n. ment. You get low prices. And of greatest value of all, you get that famous Silver Ward Quality which means so much in poultry profits. Will ship C. O. D. if you desire. We can also offer splendid 8-10 week old pullets at very reasonable prices, of the same high quality.

## Low Chick Prices—Immediate Delivery—C. O. D.

EXTRA SELECTED	250	500	1000	5000	10000
Selected Bred-to-lay Barred Rocks	3.50	6.50	12.00	57.50	110.00
STANDARD HEAVY LAYING					
Big Type White Leghorns, Anconas	2.75	5.00	9.00	42.50	80.00
Selected Bred-to-lay Barred Rocks	3.75	7.00	13.00	62.50	120.00
Assorted Broiler Chicks, all breeds	2.15	4.00	7.00	35.00	70.00

You can order right now from this ad and save time. Wire your order and we will ship at once. We refer you to the Zeeland State Bank—a Member of International Baby Chick Association. Start now with some of these famous money-makers. You can never do it cheaper than now. We will send you a large free catalog that tells you the whole story of Silver Ward if you wish. It will be a great help to you.

**SILVER WARD HATCHERY Box 30 ZEELAND, MICHIGAN**

# HOLLAND HATCHERY NEW C. O. D. PRICES

You need not pay for Holland Hatchery Chicks until they arrive. Just send us \$1.00 down and we will ship C. O. D. for the balance. Remember that Holland Hatchery chicks year in and year out are always the same—always good. Fred S. Donald, of Oxford, Mich., writes: "This makes the 16th consecutive year I have ordered chicks from you and never received a bum lot."

## MICHIGAN ACCREDITED CHICKS

White Leghorns (Special Mated)	1000	500	100
" (English Type)	100.00	52.50	11.00
" (Standard Grade)	80.00	42.50	9.00
S. C. Mottled Anconas	75.00	41.75	8.00
Barred Plymouth Rocks	80.00	42.50	9.00
	100.00	55.00	12.00

## SPECIAL SALE OF ASSORTED LOTS OF CHICKS

\$70.00 per 1000 \$36.00 per 500 \$7.50 per 100  
Of course, we guarantee 100% live delivery and will stand squarely behind every shipment. You will find the chicks pure bred and exactly as represented. Every chick is Michigan Accredited and comes to you under the label of the Michigan State Poultry Improvement Association. Buy Holland Hatchery Michigan Accredited Chicks this year. Our free catalog tells all about them.

**HOLLAND HATCHERY & POULTRY FARM**

Van Appledorn Bros. R. 7-B, Holland, Michigan

## Chicks from Record of Performance Male Matings

Selected Chicks at reduced Prices: Can Ship at once. White, Barred, Buff Rocks, Reds, White, Black, Buff Minorcas, 12c. White or Silver Wyandottes, White, Buff, Orpingtons, Black, White Langshans, 14c. Large Brahmas, Jersey Black Giants, 16c. White, Brown, Buff Leghorns, Anconas, Heavy Mixed, 9c. Light Mixed, 7c. **CHICKS FROM RECORD OF PERFORMANCE PEDIGREED MALE MATINGS.** up to 316 egg records. Every female in these matings is mated to an OFFICIAL TRAPNEST PEDIGREED MALE. Barred, White Rocks, Single or Rose Comb Reds, White Wyandottes, Black Minorcas, Buff Orpingtons, 17c. White, Brown Leghorns, Anconas, 14c. 5c per chick with order, Balance C. O. D. If less than 100 ordered and 40c extra. Free catalog of R. O. P. Male Matings, Breeding stock, Pullets, 3 weeks old Chix, 2,000 on hand. June 20th to July 30th. 1c per Chix less.

**BECKMAN HATCHERY**

Phone 76761

**GRAND RAPIDS, MICH.**

## With the Farm Flocks

### MY MA

My Ma never spoiled my fun,  
Nor scolded, for the wrong I'd done,  
And when I stayed out late at night,  
My Ma she said 'twas just all right,  
And if I would I could stay out later,  
'Cause my Ma—she's just an incubator.

### GROWING THE LATER CHICKS

OFTEN poultry raisers find it advantageous to grow a flock of chicks in late May or early June. While it is agreed that the earlier chicks are to be preferred, yet chick raising the past season has been handicapped by cold weather and changeable. In most localities, it has been stormy, with late snows and cold rains that have very much cut down the number of chicks put out. The unfavorable weather has caused heavy death in chicks, poor growth, etc.

When you consider the prices that poultry and eggs are bringing on the market now, it looks like the year 1928 will be a good year to have a nice brood of late chicks to dispose of in the early fall.

One advantage of late chicks is that there is plenty of sunshine. Sunshine is needed to get proper growth and health in a flock of chicks. It is now known that sunshine furnishes what is called Vitamin "D" through its direct rays. Early chicks require feeding cod liver oil and special care in the way of housing, brooder stove, etc., while later chicks seem to be Nature's favorites and grow off better, probably due to the sunshine, the abundance of fresh green feed, and the natural warmth that can be given the chicks hatched in late May and early June. More hours out-of-doors in fresh air and sunshine makes later chicks especially to be desired and comparatively easy to raise.

On the other hand, where you have late chicks you should bear in mind that if the summer gets extra hot, you should have shade and an abundance of cool, fresh water.

It is never advisable to run two ages of chicks together. The later chicks will not do well at all if allowed on the same range with older ones.

Your late chicks save you labor in caring for brooder stoves as you can allow the chicks out on range more, nor do you have to watch the heat so carefully, and the danger of crowding is less.

Practically the same feeding method, with less labor, will raise a flock of late chicks much cheaper than the earlier ones, provided you have an abundance of green feed, range, etc.

Get your early chicks out on range as soon as possible and put your late chicks in the brooder house, cleaning and disinfecting the houses thoroughly.

It is claimed by some that late chicks will do better than earlier ones if given the same amount of care and attention, with a little extra attention, perhaps, to provide shade, fresh water and clean ranges.

An advantage of late chicks is the fact that baby chicks in late May and early June are always lower in price than the earlier chicks. The hens seem to carry through their vitality to reproduce good healthy, husky chicks, just as well later as earlier in the year.—Reese V. Hicks.

### PROVIDE DRAINAGE AROUND DRINKING FOUNTAIN

THE overflow from drinking fountains provides an ideal place for the spread of round worms in the poultry flock, unless proper drainage is secured. Dig a hole in the ground, about the size of a barrel, and fill it with large rocks. Place a wire screen over it to prevent dirt from being scratched over the rocks. Let the drain drip on the rocks.

### GIVE FULL FEED IN LATE AFTERNOON

FOR egg production, give hens a full feed late in the afternoon, especially in cold weather. Give them a light feed of grain in the morning, only supplying what they will clean up in half an hour.

Would say we like M. B. F. very much and would not like to be without it. It is all you claim for it and more.—J. R. Dornan, Sanilac County.

## White Diarrhea

### Splendid Success of Mrs. Ethel Rhoades in Preventing White Diarrhea

Mrs. Rhoades' letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Rhoades tell it 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. 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., Dept. 532, Waterloo, Ia., for a \$1.00 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."—Mrs. Ethel Rhoades, Shenandoah, Iowa.

### Cause of White Diarrhea

White Diarrhea is caused by microscopic organisms which multiply with great rapidity in the intestines of diseased birds and enormous numbers are discharged with the droppings. Readers are warned to be aware 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. C. M. Bradshaw writes: "I used to lose a great many chicks from White Diarrhea, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 532, 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.

### 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 Pioneer National Bank, the oldest and strongest bank in Waterloo, Ia., stands back of our guarantee.

Walker Remedy Co., Dept. 532, Waterloo, Iowa

### Ship Your Dressed Calves and Live Poultry

## Detroit Beef Company

OLDEST AND MOST RELIABLE COMMISSION HOUSE IN DETROIT

Write for new shippers Guide shipping tags and Quotations.

### Detroit Beef Co.

1903 Adelaide St., Detroit, Mich.

## Let's Hear From You

We want you to write us your criticisms and suggestions about M. B. F. to help us make it better in every way. It is your farm paper and the editors are your hired men.

The Business Farmer, Mt. Clemens, Mich.

## KNOLL'S C. White Leghorn Chicks



### BABY CHICKS 8 WEEKS OLD PULLETS

**MICHIGAN ACCREDITED CHICKS—BARGAIN PRICES FOR MAY AND JUNE DELIVERY**

From large, heavy, carefully selected free range birds. Good winter layers. White and Brown Leghorns, 100-\$8.50; 200-\$16.50; 500-\$40.00. Barred Rocks, 100-\$10.50; 200-\$21.00; 500-\$50.00. Assorted Heavy, 100-\$9.00; 200-\$18.00. Assorted Light, 100-\$8.00; 200-\$16.00. Order from this ad. today. Save time and money. 100% live postpaid delivery. Write for pullet bargains. Write for free catalog.

**KNOLL'S HATCHERY & POULTRY FARM** R. F. D. 12, Box B. F. HOLLAND, MICH.

## Town Line POULTRY FARM

### HOLLYWOOD AND TANCRED STRAINS AND ENGLISH TYPE S. C. WHITE LEGHORNS

**ALSO BROWN LEGHORNS, ANCONAS AND BARRED ROCKS**

All chicks from large type Production Bred Birds. All Michigan Accredited. Every bird in our breeding flocks has been individually banded. All inspected by an authorized inspector. FREE CATALOG tells how we hatch, breed, cull, inspect and raise our stock. Tells what we feed and how to be successful. Full instructions on the Care of Baby Chicks. A genuine Poultry Guide. Write for it.

	50	100	500	1000
S. C. Wh. Leghorns (Eng. Type)	\$4.50	\$8.00	\$37.50	\$70.00
(Hollywood or Tancred Mated)	5.50	10.00	47.50	90.00
Brown Leghorns and Anconas	5.00	9.00	42.50	80.00
Barred Rocks and R. I. Reds	5.50	10.00	47.50	90.00
Mixed Chicks for Broilers	3.50	6.00	30.00	60.00

**REDUCED PRICES** SHIPPED C.O.D. IF YOU WISH

GET OUR ATTRACTIVE PRICES ON 8-10 WEEK OLD PULLETS

**TOWNLINE POULTRY FARM, R. 1, Box 208, Zeeland, Mich.**

## PROFIT PRODUCING CHICKS

### Special Summer Prices

Egg prices are steadily advancing. Market poultry is fast increasing in price. Right now is your opportunity to make good money raising Brummer-Fredrickson quality chicks at the low prices given below. Choose your breed and write or wire your order. We will ship C. O. D. All chicks are Michigan Accredited. We also have a good selection of 8-10 and 12 week old pullets in the breeds listed below. Write for our low prices.

**PRICES EFFECTIVE NOW**

	50	100	500	1000
S. C. White Leghorns	\$5.00	\$9.00	\$42.50	\$80.00
Barred Rocks—R. I. Reds	6.00	11.00	52.50	102.50
Broilers, all heavies, \$9.00 per 100; 500 for \$42.50. Mixed Broilers, \$8.00 per 100; 500 for \$37.50.				

**Will Ship C. O. D. 100% Live Delivery Guaranteed**

Pay your postman when you get your chicks. Just write or wire your order. We have large hatches each week and can fill large orders promptly. Write for free catalog that describes our special matings.

**Brummer & Frederickson Poultry Farm, Box 26, Holland, Mich.**

## Meadow Brook

Michigan Accredited Chicks—Every breed approved by authorized inspectors.

	100	500	1000
Grade A Barred Rocks, S. C. & R. I. Reds	\$12.00	\$55.00	\$110.00
White & Buff Leghorns	10.00	45.00	90.00
Broiler Chicks	\$8.00 per 100		

We also have White & Buff Leghorn Pullets and hens for sale. Order direct from this ad. We guarantee 100% delivery. Our big free catalog tells all.

**MEADOW BROOK HATCHERY, Henry DePree Sons, Proprietors, Box B, Holland, Mich.**

## CHICKS AT REDUCED PRICES

**STRONG, STURDY, PURE BRED CHICKS FOR IMMEDIATE DELIVERY**

	50	100	500	1000
S. C. White Leghorns	\$5.00	\$9.00	\$42.50	\$80.00
S. C. Brown Leghorns and S. C. Anconas	5.50	10.00	47.50	95.00
Barred Rocks and R. I. Reds	6.00	11.00	52.50	100.00
Mixed Chicks for Broilers	4.00	7.00	35.00	70.00

**MAY Delivery. 1c Per Chick Less Than Above Prices.**  
**JUNE Delivery. 2c Per Chick Less Than Above Prices.**

Shipped Postpaid to your door. 100% Live Delivery Guaranteed. Order direct from this ad. We have no Catalog or Circular.

**BLACK RIVER POULTRY FARM** Box B ZEELAND, MICHIGAN

## American Chicks Are Bred-to-Lay and DO Lay

S. C. White and Brown Leghorns, Anconas, Black Minorcas, S. C. Rhode Island Reds and Barred Rocks of High Egg Bred Blood Lines, from fast growing, quick maturing strains. All Michigan Accredited. Orders now being booked for Spring Delivery.

**SEND FOR OUR CATALOG.** Tells all about our matings, and how to raise poultry for greater profit. We'll gladly send it FREE to Poultry Raisers.

**We Guarantee 100% Safe Arrival in GOOD HEALTH**

Overnight shipments to all Michigan and Nearby Points

**AMERICAN CHICK FARM, Box B, ZEELAND, MICHIGAN**

## WATCH THIS SPACE NEXT ISSUE FOR FACTS ON DOWNS R. O. P. BREEDING WORK

**Still Booking June Orders**

**Downs Poultry Farm**  
Romeo, R. 2, Mich.

## Reduced Prices for May & June

Genuine Tom Barron English White Leghorn, large type lapover combs, selected stock. Non-setting Barred Rocks, flocks headed by males whose dams have trapnest records, 206-236 M. S. C. laying contest.

	100	500
White Leghorns	\$8.00	\$37.50
Barred Rocks	10.00	47.50

Circular free.

**HILLSIDE HATCHERY, R. No. 3, Holland, Mich.**

## CHICKS! CHICKS!

**CAN SHIP AT ONCE AT REDUCED PRICES!**

BIG, STURDY, FLUFFY chicks from free range, pure bred flocks that have been culled and selected for egg production and standard qualities. Just what you want for foundation stock or to improve your laying pens. 100% live delivery guaranteed. Send this adv. with order and get 4 FREE chicks with every hundred. 2,000 Chix on hand 1 to 10 weeks old.

**WE GUARANTEE THESE CHICKS TO SATISFY YOU!**

Barred, White, Buff Rocks, Single and Rose Comb R. I. Reds, Black Minorcas, 13 1/2 c. White Brown, Buff, Leghorns, Anconas, Heavy Broilers, 11 1/2 c. White and Silver Laced Wyandottes, Buff Orpingtons, White Minorcas, Buff Wyandottes, 15 c. Light Brahmas, White Orpingtons, Blue Andalusians, 18 1/2 c. Light mixed, 8 c. Grade AA Chicks 5c per Chick extra. If less than 100 are ordered, add 50c extra. After April 18th, \$1.00 per 100 less. Free Circular on

**CHICKS FROM R. O. P. MALE MATINGS**

**LAWRENCE HATCHERY** Tel. 72525 **GRAND RAPIDS, MICH.**

## REDUCED PRICES ON PURE BRED BABY CHICKS

	25	50	100	200	500	1000
Large Type White Leghorns	\$2.75	\$5.00	\$9.50	\$19.00	\$45.00	\$85.00
Black Minorcas, White and Barred Rocks	3.00	5.50	10.50	21.00	50.00	95.00
Single and Rose Comb Reds	3.00	5.75	11.00	22.00	52.50	100.00
White and Sil. Wyandottes, Buff Orpingtons	3.00	5.75	11.00	22.00	52.50	100.00
S. S. Hamburgs, 14c. Assorted Light, 7c. Light and heavy, 8c. Heavy 9c.						

Live Delivery Guaranteed. Order from this ad or send for Catalog and Price List.

**THE LANTZ HATCHERY** BOX F **TIFFIN, OHIO**

## ROYAL EGG BRED CHICKS

75% OF OUR SALES EACH YEAR ARE TO OLD CUSTOMERS

### Hanson --- Tancred --- English

Remember, that Royal Leghorns are Contest winning Leghorns—and that you get in our chicks exactly the same bloodlines that have produced these winners. Our demand from old customers was never so great as it has been this year.

**SPECIAL PRICES FOR JUNE 1st-7th**

	50	100	500	1000
A Mating	\$5.50	\$11.00	\$55.00	\$105.00
B Mating	4.50	9.00	45.00	85.00

**Broiler Chicks, 6c each.**

For May 22 Shipment add 2c per chick; 500 lots 1c per chick

Order direct from this ad at the above prices. We guarantee 100% live delivery and we know you will be pleased. Circular fully describing sent free. Reference—Zeeland State Commercial & Savings Bank. **ROYAL HATCHERY & FARMS, S. P. Wiersma, Prop., R. 2, Box B, ZEELAND, MICH.**

## Our Lowest Prices On Baby Chicks

From 3 proven breeds. Bred 31 years for higher egg production. Direct from the farm to your door. From some of Michigan's best producing flocks. Why look for cheap break neck prices when you can get something better at a trifle higher price. From a Reliable Breeder of pure bred, large-bodied birds with big combs, free from disease, that lay large white eggs when prices are high.

	50	100	200	500	1000
Tom Barron (Hollywood Strain) S. C. Wh. Leghorns	\$4.25	\$8.00	\$15.50	\$35.00	\$70.00
Sheppard Strain S. C. Anconas	4.25	8.00	15.50	35.00	70.00
Rose Comb White Wyandottes	6.00	11.50	22.00	55.50	
Broilers or Mixed Chicks	3.75	6.50	13.00	30.50	59.00

1 cent per chick with order, balance 10 days before chicks are to be shipped or C. O. D. 100% live delivery guaranteed. Postpaid. Write for our 1928 Catalog, it's Free and Instructive. Reference: Zeeland State Bank.

**RELIABLE POULTRY FARM & HATCHERY** R. 1, Box 41 **ZEELAND, MICHIGAN**

## HUNDERMAN CHICKS

**NEW LOW PRICES C. O. D.**

Our pure bred chicks from Michigan Accredited stock can now be bought at prices lower than usual. We will ship C. O. D. on receipt of a 10% deposit. All stock has been fed Cod liver oil during the past winter. Order your chicks right now from this ad. Ref., State Commercial Savings Bank.

**PRICES EFFECTIVE MAY 21st**

	25	50	100	500	1000
S. C. White Leghorns (English Type) and S. C. Brown Leghorns (Heavy Type)	\$2.25	\$4.75	\$9.00	\$42.50	\$80.00
Barred Rocks and S. C. R. I. Reds	3.25	6.00	11.00	50.00	95.00
Mixed Chicks \$7.00 per 100; Heavy Mixed \$9.00 per 100					

100% live delivery guaranteed. Our free catalog tells all about our special matings at slightly higher prices. It is time to order your Pullets now. Get our latest prices.

**HUNDERMAN BROS., R. R. 3, Box 45, ZEELAND, MICH.**

## VILLAGE VIEW Chicks direct from POULTRY FARM

**NOW BOOKING MAY AND JUNE ORDERS—BUY AT THESE LOW PRICES**

Good quality stock which will make good winter layers. Before you order your chicks get our free catalog that tells all about our Poultry Farm and Hatchery. Customers of previous years tell us that May and June chicks have been wonderful layers.

**PRICES EFFECTIVE MAY 15th**

	100	500	1000
S. C. White Leghorns	\$9.00	\$42.50	\$80.00
White Leghorns Special Matings of Old Hens	10.00	47.50	90.00
Barred Rocks	13.00	62.50	120.00
Mixed Chicks	6.00		

Special Price for White Leghorns 8 and 10 weeks pullets ready for May and June delivery. 1c per chick books your order. 100% live delivery guaranteed.

**VILLAGE VIEW POULTRY FARM, Harry Ter Haar, Owner, Box 3, R. 3, ZEELAND, MICHIGAN**

## BARGAIN PRICES FOR MAY DELIVERY

**CHICKS FROM LARGE, HEAVY, CAREFULLY SELECTED BIRDS. GOOD WINTER LAYERS**

White and Brown Leghorns: 100, \$8.50; 200, \$16.50; 500, \$40.00. Barred Rocks: 100, \$10.50; 200, \$21.00; 500, \$50.00. Heavy Assorted: 100, \$9.00; 200, \$18.00; Light Assorted: 100, \$7.00; 200, \$13.00.

For delivery before May 1st, chicks are \$2.00 per 100 higher than prices quoted above. Order from this ad. today. Save time and money. 100% live postpaid delivery.

**HILLVIEW HATCHERY, C. Boven, Prop., R. 8, Box B, Holland, Mich.**

## Babion's Pure Bred Chicks

**TRAPNESTED MATINGS add 3c, BLUE RIBBON PENS add 4c each**

	25	50	100	500
100% Live Delivery guaranteed, and Postage paid on				
White Brown and Buff Leghorns	\$2.50	\$4.50	\$8.00	\$38.00
Barred, White and Buff Rocks, Minorcas, Anconas, White Wyandottes and Reds	2.75	5.50	10.00	48.00
Silver Wyandottes and Orpingtons	4.25	8.00	15.00	72.00
Mixed all heavy Broilers, No Culls	2.75	5.00	9.00	43.00

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

## DUNDEE MICHIGAN ACCREDITED CHICKS

**STOCK ALL BLOOD-TESTED FOR WHITE DIARRHEA FOR THE PAST FOUR YEARS.**

**NEW LOW PRICES FROM MAY 10 TO JUNE 1. 1c per chick less for JUNE DELIVERY**

	100	500	1000
B. P. Rocks (Pedigreed Matings, 200 to 250)	\$13.00	\$60.00	\$120.00
B. P. Rocks (Select Grade)	12.00	55.00	110.00
S. C. White Leghorns (Tancred & Hollywood Matings, 230 to 291)	11.00	50.00	100.00
S. C. White Leghorns (Dundee English Matings, 200 to 290)	10.00	45.00	90.00

Order direct from this ad or write for catalog. 100% live delivery guaranteed. Buy blood tested and Michigan Accredited stock this season and be pleased.

**DUNDEE HATCHERY & POULTRY FARM, Box B, DUNDEE, MICHIGAN**

## LET US SAVE YOU \$5.00

On Every 100 Barred Plymouth Rock Baby Chicks—Save \$3.00 On Each 100 S. C. White Leghorns. All our chicks are highest quality. Michigan Accredited. Here is your opportunity to save—Are you going to?

**"Save Money" Price List—Effective May 7th**

	Per 100	500	1000
B. P. Rocks	\$12.00	\$57.00	\$110.00
S. C. Reds	12.00	57.00	110.00
S. C. White Leghorns	10.00	47.50	90.00

**THE CARLETON HATCHERY, Carleton, Mich.**

## BUY TESTED STOCK Quality Counts In

Day old and three week chicks, pullets, 60c and up, hens, Pedigreed cockerels. Prices low. Big Type White Leghorns, Trapnested and Pedigreed. Rocks and Reds. Catalog Free. Michigan State Accredited. Member of L. B. C. A. FAIRVIEW HATCHERY, Box W, Zeeland, Mich., R. 2.

## CLASS A CHICKS AND PULLETS

Chicks at 6c up. No money down. 100% live delivery postpaid. Healthy, well-developed pullets. We will have from 2 to 3,000 pullets ready to ship in June. All varieties. Low prices. **BOS HATCHERY, Zeeland, Mich., R. 2 B.**

## BABY CHICKS WHITE LEGHORNS ONLY

SHIPPED C.O.D. ANYWHERE. LOW PREPAID PRICES. Egg contest winners for years. Guaranteed and insured. Also cockerels, pullets, hens. Catalog and special price bulletin free.

**GEORGE B. FERRIS, 942 UNION, GRAND RAPIDS, MICH.**



# MARKET FLASHES



## Wheat and Potatoes Decline Sharply Most Other Leading Products Holding Up Well

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

**S**HARP declines in wheat and potatoes gave the markets an unsettled look, but the second half of May began with most other leading products at least holding up fairly well, although generally below the highest prices of the season.

Compared with a year ago, nearly the whole list of standard farm products is selling higher. Spring wheat, even since the recent break, is 15 cents above the level of late May, 1927, winter wheat 25 cents, oats 18 cents, corn 30 cents, cotton 6 cents, hogs 20 cents, steers \$2, wool 15 cents, butter 2 cents, eggs 5 cents and barrel apples \$4 higher. But potatoes bring only half as much, onions and cabbage are much lower, and some lines of poultry sell for a little less money.

### Grains

The recent high premiums paid for soft winter wheat, particularly at St. Louis, have been reduced sharply as a result of accumulations of soft wheat from the Pacific Northwest at that market. The rye market has continued independently firm, reflecting the small supplies of cash grain available and the poor prospects for this season's crop. About 100,000 acres less rye remains for grain this season compared with last, while the condition on May 1, was only 73.6 per cent or normal compared with an average condition of 88 per cent for the past ten years on May 1.

Larger offerings of corn brought out by the recent high prices, together with more favorable weather in the Corn Belt, which enabled farmers to make good progress with their planting operations brought about a decline of 3 to 5 cents per bushel in mid-May corn prices at the principal markets. Oats held firm, with prices practically unchanged. Barley was one to two cents higher than a week ago at the principal markets as a result of continued good demand for the light offerings.

### Feeds

While the demand was active for the limited offerings of mill feeds for immediate shipment, inquiry for later delivery was dull and manufacturers and jobbers were inclined to reduce prices to effect sales. Bran for June shipment was being quoted about \$3 per ton under current prices in the southwestern markets, while new crop bran for July, August, and September shipment was selling at Kansas City at \$7 per ton under spot prices.

Cottonseed meal continued its upward trend with offerings limited. Corn feeds held steady, with prices showing very little change for the week. A good demand prevailed for alfalfa meal, which was in light supply.

### Hay

Hay markets have shown a stronger tendency in May, with receipts smaller and demand active. The condition of the new crop, however, is considerably below average and was reported at 76.1 per cent of normal compared with 85.9 the five-year average. Alfalfa markets were steady, with offerings of old crop hay becoming scarce and the new crop not yet moving in volume. Prairie hay cutting was becoming general in Texas, but none of this hay was yet appearing on the markets.

### Cattle

Heavy steers have been offered rather freely, particularly from feeding areas west of the Missouri River, with Nebraska the largest contributor, while demand for such cattle in a broad sense is of a specialty character and lacks the dependability shown in the current trade on yearlings and mediumweight. About the middle of the month, weighty steers again reached a \$15 top at Chicago, the highest since early. The effect of a backward spring is still apparent in the stocker and feeder trade, but supplies are limited and

any pronounced swell in the demand would boost prices.

### Hogs

Strictly choice 150 to 160-pound hogs were selling in Chicago the middle of May at 50 to 75 cents discount from medium weight butchers of corresponding grade and lower grade kinds were discounted as much as \$1.50 to \$2. Numerous loads showed evidence of grass feed and the price range for each respective weight tended to widen on a quality basis.

### Sheep

Seasonal expansion in the marketward movement of new crop lambs offset decreases in the mid-May run of fed lambs and the market at Chicago closed 15 to 25 cents lower than a week earlier. An increased movement of grass sheep from Texas and the southeast caused a draggy matured sheep market, with prices at the close about 25 cents lower than a week earlier and \$1 to \$1.50

The cold storage holdings of butter in the United States were 5,139,000 pounds on May 1, compared with preceding five years' average of 7,375,000 pounds.

### Poultry

The poultry market is about steady, although with some price irregularities in the fowl market. There seems to be general confidence in the situation as shown by fair regular demand. Cold storage holdings May 1 were 56,783,000 pounds, which is about 11,102,000 pounds less than the preceding five-year average.

### Potatoes

Potatoes lost further ground; prices were low. New-crop potato shipments are now about 300 cars daily, two-thirds of them from Florida. The combined early potato crop in 9 States, outside of Florida and the lower valley of Texas, is forecast at 26,610,000 bushels, or about 1,200,000 more than in 1927. The Chicago carlot market declined farther and both northern Round Whites and Idaho Russet Burbanks were bringing \$1.30 to \$1.50 in that city.

### BEANS

The price of CHP beans has worked upward again since our last

### MARKET REPORTS BY RADIO DAILY

**T**HE Michigan Business Farmer was first to broadcast farm market reports in Michigan (January 4, 1926). Market reports and farm news are now available as follows: WGHP (277.6 meters), 6:05 to 7:00 P. M.; WKAR (277.6), 12:00 M.; WWJ (352.7), 5:45 P. M.; WCX-WJR (440.9), 4:15 P. M.—Editor.

lower than the recent high time. Spring lambs running less desirable in quality and finish than a year ago, sold largely from \$16.25 to \$18.50. Most shorn lambs sold from \$15.75 to \$16.50 and a limited supply of woolled fed lambs largely from \$17.50 to \$18. Most fat shorn ewes turned at \$8 to \$9.

### Wool

Trading in fleeced wools continued very light, because of the scarcity of supplies. Nevada, Utah, Colorado, Arizona and occasional lots of New Mexico wools comprised the bulk of the new territory wools offered.

### Butter

Following the declines and irregularities in tone, which have recently characterized the recent butter market, there has been some return of confidence in the butter situation, although production is likely to increase soon, even in a late season.

issue and some of the trade thinks this should be about the top. In fact, predictions are that there will be declines in the near future. At this writing the market is dull with liberal offerings and sales limited.

Farmers should watch out about increasing their bean acreage much this year because if we have a good fall there will be more beans than the world will know what to do with. The result will be prices will seek extremely low levels—and heaven knows the farmers have had enough of them during recent years. Beets ought to be a good crop to plant your extra acreage to.

### DETROIT SEEDS

Clover seed, cash imported, old, \$13.50; domestic, cash, \$16.50; October, \$17.50. Alsike, cash, \$15. Timothy, cash, \$2.22½; December, \$2.65.

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

	Detroit May 22	Chicago May 22	Detroit May 8	Detroit 1 yr. ago
<b>WHEAT—</b>				
No. 2 Red	\$1.94		\$2.06	\$1.42
No. 2 White	1.94		2.06	1.43
No. 2 Mixed	1.94		2.07	1.41
<b>CORN—</b>				
No. 2 Yellow	1.16	1.08½ @ 1.10	1.19	.93
No. 3 Yellow	1.14		1.16	.91
<b>OATS</b>				
No. 2 White	.75½	.69¼ @ .72	.76	.57
No. 3 White	.73½	.66 @ .71	.74	.54
<b>RYE—</b>				
Cash No. 2	1.43	1.36 @ 1.36½	1.46	1.11
<b>BEANS—</b>				
C. H. P. Cwt.	9.65		9.25 @ 9.35	5.05
<b>POTATOES—</b>				
Per Cwt.	2.50	1.25 @ 1.50	2.50	3.83 @ 4.15
<b>HAY—</b>				
No. 1 Tim.	13 @ 14.50	19 @ 22	12 @ 13	17 @ 18
No. 2 Tim.	10 @ 11.50	17 @ 18	9 @ 10	15 @ 16
No. 1 Clover	12 @ 13	22 @ 23	10 @ 11.50	17 @ 18
Light Mixed	13 @ 14.50	21 @ 22	12 @ 13	16 @ 17.50

Tuesday, May 22.—Improvement of crop prospects and slack export demand weakens wheat. Corn easier. Oats unsettled.

### DETROIT LIVE POULTRY

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

Market steady; broilers, 2 lbs up, rocks, 48c; reds and others, 45c; leghorns, 1½ lb. and up, 37c. Hens: Colored, 28 @ 29c; leghorns and Ancona, 24c. Cocks, 17c. Stags, 17c. Ducks: White, 4½ lbs. and up, 28c; colored, 25c; small, 24c. Geese, 17c.

### DETROIT BUTTER AND EGGS

Butter firm; creamery, in tubs, 88 to 90 score, 43½ @ 44½c. Eggs steady, fresh firsts, 27 @ 28c.

### BOSTON WOOL MARKET

The market is stronger for wool everywhere. Buying in the west proceeds steadily and most of the far western states are practically cleared of the new clip, while in the bright wool states the new clip movement is proceeding more or less steadily. In the east the market is slightly dearer, though still below the parity of western prices, with the demand somewhat spotty.

Foreign markets are all firm and lining up with the stronger tendency in London, where prices on almost all descriptions are now back to parity with closing rates of the previous series.

The manufacturing position is still somewhat difficult, but slowly prices on various lines of goods are being advanced and the outlook is more promising than for some time.

Mohair is still rather quiet. The new Cape clip of adult hair moves steadily, with America buying more or less freely.

Michigan and New York fleeces—Delaine unwashed, 43 @ 44c; ½-blood combing, 48 @ 49c; ¾-blood combing, 55 @ 56c; ¼-blood combing, 55 @ 56c.

### LIVESTOCK MARKETS

**DETROIT.**—Cattle active with offerings fairly good; fair to good yearlings, \$10.50 @ 13.50; fair to good heavy butcher steers, \$10.75 @ 13.00; Handy weight butcher steers, \$10.50 @ 12.25; fair to good heifers, \$9.50 @ 11.50; common light butchers, \$8.50 @ 10.25; common butcher cows, \$7.00 @ 8.00; best cows, \$7.50 @ 10.00; good butcher cows, \$7.50 @ 9.00; cutters, \$6.00 @ 6.75; canners, \$5.25 @ 5.75; light butcher bulls, \$9.00 @ 10.50; Bologna bulls, \$7.75 @ 9.25; stock bulls, \$7.00 @ 8.50 feeders, \$9.00 @ 10.50; stockers, \$9.00 @ 10.00; milkers and springers, \$75.00 @ 135.00. Veal calves active and steady; best grades, \$15.50 @ 16.00; bulk to good, \$16; fair to good, \$11.00 @ 13.50; culls and common, \$8.00 @ 10.75. Sheep steady and lambs higher; best lambs, \$16.25 @ 16.50; fair lambs, \$12.00 @ 14.50; light to common lambs, \$7.00 @ 11.50; fair to good sheep, \$7.50 @ 8.75; culls and common, \$2.00 @ 5.50. Hogs about steady; mixed hogs, \$10.10; roughs, \$8.50; stags, \$6.25; extreme heavy, \$9.00 @ 9.50; Yorkers, \$10.10 @ 10.15; lights, \$9.00; pigs, \$8.00.

**CHICAGO.**—Hogs: Market dull, part of early advance lost, or 10 @ 15c higher; bulk better grade hogs all weights sold early; top, \$10.10, paid for choice 200 to 230 lbs.; butchers medium to choice 250-350-lb., \$9.35 @ 9.90; 200-250-lb., \$9.50 @ 10.10; 160-200-lb., \$8.60 @ 10.10; 130-160-lb., \$7.60 @ 9.75; packing sows, \$8.50 @ 9.15; pigs, medium to choice 90-130-lb., \$7 @ 8.60. Cattle: Steady to strong market on all classes except bulls, latter 10 @ 15c lower; no choice steers here; best, \$13.50; slaughter classes, steers, good and choice 1,300-1,500-lb., \$13.25 @ 15; 1,100-1,300-lb., \$13.25 @ 15; 950-1,100-lb., \$13 @ 15; common and medium, 850-lb. up, \$10 @ 13.25; fed yearlings, good and choice, 750-950-lb., \$12.75 @ 14.50; heifers, good and choice, 850-lb. down, \$12.50 @ 14; common and medium; \$8.75 @ 12.50; cows, good and choice, \$9.25 @ 12.25; common and medium, \$8 @ 9.25; low cutter and cutter, \$6.40 @ 8; bulls, good and choice (beef), \$9.25 @ 10.75; cutter to medium, \$7.75 @ 9.50; vealers (milk-fed), good and choice, \$12.50 @ 16; medium, \$11 @ 12.50; cull and common, \$8 @ 11; stocker and feeder steers, good and choice (all weights), \$11.50 @ 12.75; common and medium, \$9.50 @ 11.50. Sheep: All slaughter classes active; steady to strong; feeding lambs and spring lambs absent; nominally steady; slaughter classes, spring lambs, good and choice, \$17.25 @ 18.25; medium, \$15.75 @ 17.25; cull and common, \$13.25 @ 15.75; lambs, good and choice (92-lb. down), \$15 @ 16.65; medium, \$13.75 @ 15.25; cull and common, \$11.50 @ 13.75; medium to choice (92-100-lb.), \$13 @ 16.50; ewes, medium to choice (150-lb. down), \$6.25 @ 9; cull and common, \$2 @ 7.25.

## THE BUSINESS FARMERS' EXCHANGE

A Department of Classified Advertising

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MICHIGAN BUSINESS FARMER  
Mount Clemens Michigan

### FARMS

FOR SALE. 80 ACRES, FENCED. 20 ACRES cleared. Good farming or pasture land. No buildings. \$1,000. Box 81, Harrison, Mich.

80 ACRE FARM FOR SALE. GOOD SOIL, good buildings. On gravel road. Good water. Price reasonable. Wm. Ross, Avoca, Mich.

### POULTRY

INSURE YOUR SUCCESS—BUY ASETLINE quality Barred Rocks or White Leghorns. Pedigreed males from dams laying over 200 eggs head our flocks. Blood tested five consecutive years. Trapping 400 birds under Record of Performance supervision. Reasonable prices for this quality. Write for circular or visit our farm. Asetline Poultry Farm, Comstock Park, Mich.

LOOK! 150,000 CHICKS, 9c UP. 20 VARIETIES. Using many R. O. P. males from 215 to 316 egg breeding. Just what you want for large profits or to improve your flock. FREE catalog gives big discounts. Breeding cockerels, pullets. Lawrence Hatchery, Grand Rapids, Michigan.

ACCREDITED CHICKS—OUR BRED-TO-LAY Barred Rocks lay and pay: three successive years Michigan State Accredited. Rocks and Reds, \$11.00 per 100, postpaid. C. O. D. if desired. Howe's Accredited Hatchery, Essexville, Michigan.

BABY CHICKS—MICHIGAN ACCREDITED Barred Rocks, R. I. Reds, White Leghorns, shipped C. O. D. Immediate delivery of pure bred chicks from heavy laying foundations. Big free catalog gives new prices. Brummer-Fredrickson Poultry Farm, Box 30, Holland, Mich.

MYERS PURE BRED CHICKS 100% LIVE delivery. Postage prepaid, four leading breeds, White Leghorns, White Wyandottes, Barred Rocks, R. I. Reds. Flocks bred for egg production, send for circular. Myers Hatchery, Mc. Pleasant, Mich.

WHITTAKER'S REDS, BOTH COMBS, CHICKS and Eggs. Write for our Reduced Prices. Interlakes Farm, Box 2, Lawrence, Mich.

UNUSUAL LOW PRICE FOR OUR QUEEN Quality Egg Bred Chicks. Order from this ad. For May S. C. W. Leghorns, B. Leghorns, \$9.00 per 100. Barred Rocks, Rose Combed Reds, \$12.00. Discount on 500 or more. June 1c per chick less. Queen Hatchery, Zeeland, Michigan.

CHICKS—BARRON WHITE LEGHORNS, large size lopped combs, 306-egg strain, \$10-100. Close Egg Farm, Tiffin, Ohio.

WHITE LEGHORN BABY CHICKS \$6.00, seconds, strong vigorous chicks, no cripples. Robt. Christopher, R. 4, Holland, Mich.

CHICK PRICES REDUCED FOR MAY—WHITE Leghorns, 8c; lots of 500, 7½c. Barred Rocks, 10c. Hillside Hatchery, Holland, Mich.

BETTER BABY CHICKS FROM STATE FAIR winners, production class. Eighty per cent of our chicks go to old customers. Eleven breeds. Booking orders. Living prices. Write. Litchfield Hatchery, Litchfield, Mich.

HEYBOER'S POULTRY FARM & HATCHERY, Leghorns, Mich. White Leghorns and Barred Rocks baby chicks for sale of stock that is bred for production, all breeders being trap-nested. Send for catalogue and prices.

BUFF LEGHORN CHICKS AND EGGS FOR hatching. Circular. Hillcrest Poultry Farm, Bath, Michigan.

BABY CHICKS—ROCKS, REDS AND LEGHORNS. Each week, beginning Feb. 13. All stock blood-tested and Mich. Accredited. Pierce Hatchery, Jerome, Mich.

BABY CHICKS, PURE-BRED, NONE BETTER. Barred Rocks, R. I. Reds, and Custom Hatching every Monday. Robbins Hatchery, 704 No. Chipman, Owosso, Mich.

### HATCHING EGGS

SELECT S. C. ANCONA HATCHING EGGS from prize winning stock. Special price for May and June, \$2.00 per 15 eggs, Post Paid. Bert Eagon, Oxford St., Alma, Michigan.

TURKEY EGGS—FROM OUR FAMOUS PURE bred Mammoth Bronze, Bourbon Red, Narragansett and White Holland flocks. Write, Walter Bros., Powhatan Point, Ohio.

JERSEY BLACK GIANT EGGS. \$1.30-15; \$2.50-30; \$7-100, collect. Gus Grassman, Minonk, Ill.

IMPERIAL WHITE PEKIN DUCK EGGS, \$1.50 per 11, postpaid. Chas Stutz, Saranac, Mich.

WHITE PEKIN DUCK EGGS, \$1.50 PER SETTING, postpaid. Gerald Diamond, Mason, Mich.

### TURKEYS AND GEESE

DAY OLD TURKEYS—RAISE IN BROODER house or by chicken hen. Easily raised as chickens. Return five times the profit. Mammoth Bronze and White Hollands, \$1.00 each. Special prices on more than fifty points. Eggs for Hatching. Pine Creek Turkey Roost, Route 4, Holland, Michigan.

GIANT BRONZE. IMPROVE YOUR FLOCKS. Buy baby turks \$10.80 doz. From large gold-bank hens, International ribbon tom. 100% live delivery guaranteed. Mitchell Turkey Ranch, Hart, Mich.

TOULOUSE GEESE. PAIRS \$8.00. TRIOS \$10.00. Oliver Jensen, Jones, Mich.

### SEEDS

SEED CORN. CERTIFIED STANDARD VARIETIES. Northern grown, fire dried, thoroughly tested, guaranteed. Monroe Brown Seed Co., Bay City, Wis.

REGISTERED AND CERTIFIED GOLDEN Glow Seed Corn. Germination 96%. Inspected and certified by Michigan Crop Improvement Association. Write for circular. Lawrence Crozier, Charlotte, Mich., R. 9.

REGISTERED AND CERTIFIED SEED CORN Polar Yellow dent and Jewett Yellow flint. Registered grade \$7.00 per bu. 56 lbs. shelled and graded. Certified grade \$8.00 per bu. Butts from Polar yellow dent for ensilage, \$3.50 per bu. Arthur W. Jewett, Jr., Mason, Michigan.



Week of May 27

STORMY weather conditions will open the week of May 27th in most parts of Michigan. There will be heavy local rains, strong winds, thunder storms and even local tornadoes probable.

During the early part of the week temperatures will be warm but along towards the middle there will be a sharp change to much cooler. In fact, the drop will be sufficient to produce frosts in many of the northern counties. This cold to cool weather will last until close to the end of this week.

The first days of June will be generally fair and cool.

Week of June 3

The fair weather of last week will run over into the very beginning of this week with the temperature continuing to range below the seasonal normal.

As a result of increasing storminess expected during the middle days of this week the temperatures will rise. The storms at this time will result in numerous local manifestations of strong winds and heavy rains.

The closing days of this week will result in much cooler weather and more pleasant skies and sunshine.

June Weather

The fact there will be numerous extremes of the weather in most parts of Michigan during the month of June makes it difficult to summarize the month as a whole. The chances are that temperatures for the month as a whole will average slightly below the seasonal average. The rainfall will be about the normal amount but heavier during the latter half of the month. There will be numerous summer type of storms with electrical and wind characteristics.

### COUNTY CROP REPORTS

(More on Page 17)

Shiawassee (N. W.).—Nice long rain that has broken months drought; everything was at a standstill but looking better now. Quite an acreage going to sugar beets. Oats and barley looking fine but a little late. No extra acreage going to beans. Bean growers organization needed.—G. L. P., May 17.

Berrien (N.).—Recent frosts did considerable damage to strawberries. Grapes, peaches and pears injured on low ground. Winter apples not blooming full as a rule. No Baldwins. Early apples full of bloom.—H. N., May 16.

Defiance, Ohio.—Been very dry and cold past two weeks. Oats coming good but small. Quite lot of corn planted last week. Good rain yesterday; everything looks fine. But grass and pasture are slow; will be short hay crop unless get more rain in next 30 days. Our wheat will be small crop. Quotations from Bryan, Ohio: Wheat, \$1.85; corn, cwt., \$1.65; oats, 68c; potatoes, retail, \$1.60; butter fat, 46c; eggs, 27c.—W. E. Brown, May 17.

I am glad to report a settlement with the H—M—in full. Many thanks for your services.—H. A. W., Gregory, Mich.

### 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.)

### Registered Grimm Alfalfa Seed

FARMERS: Buy your seed direct from the largest Registered alfalfa Seed ranch in the United States. Genuine Grimm, sealed and tagged by the Montana Seed Growers Association. Write us for samples. Prices Extra No. 1, 39c; No. 1, 37c; No. 2, 32c; f. o. b. Miles City Montana. All seed dry land grown.

G. W. ALLEN & SONS, Volborg, Montana

### SILOS, Concrete Stave

Latest improvements, air tight, moisture proof, oil mixed stave. Send for folder. Agents wanted. THE SMITH SILO CO., KALAMAZOO, MICH.

(Too Late To Classify)  
Other Live Stock on page 18

FOR SALE—MY PURE BRED BROWN SWISS herd bull. This is a fine animal and A-1 Breeder. Coming three years. At 8½c per pound. WM. FRANK, Trustin, Mich.

## CHICKS FOR IMMEDIATE DELIVERY

Pure Hollywood and Hollywood Mated Leghorns

Large Size Production Type, Egg Bred Leghorns. Known Layers and Profit Makers. Producing Large WHITE Eggs—Prolific WINTER Layers. Michigan Accredited.

AT PRICES THAT ARE RIGHT

Pay Only \$1.00 Per 100 Down. Balance C. O. D.

June Prices Now in Effect	100	500	1000
"A" Mating White Leghorns	\$14.00	\$85.00	\$125.00
"B" Mating White Leghorns	12.00	55.00	105.00
"C" Mating White Leghorns	9.00	42.00	80.00
Barred Plymouth Rocks	13.00	60.00	115.00
Mottled Anconas	10.00	45.00	90.00
Odds and Ends	6.00		

We guarantee Live Delivery and pay the postage. Pay only \$1.00 per 100 down. Balance C. O. D. or any time before delivery. Order direct from this add or write for Catalog.

WYNGARDEN FARMS & HATCHERY, Box B, ZEELAND, MICH.



## LAKEVIEW BABY CHICKS

Buy 2 and 3 Week Old Chicks and AVOID LOSSES

You never saw more vigorous chicks. They get the right start under ideal conditions. 24 hour-a-day attention. All chicks Michigan accredited. We can furnish quality day old chicks or older ones of any age in the breeds listed below.

### EXTRA SPECIAL

Prices effective immediately.	50	100	500	1000
S. C. White Leghorns	\$5.00	\$9.00	\$41.00	\$79.00
Barred Rocks and S. C. Reds	5.75	11.00	51.00	99.00
Wh. Rocks; Wh. Wyan.; Buff Orps.	6.25	12.00	56.00	109.00
Broilers, all heavies, \$9.00-100; \$41.00-500; L. Mixed, \$7.50-100.				

Egg prices are climbing. Broiler market is firm. Now is the time to get those Lakeview chicks at above prices. Order from this ad today. Or get our catalog—We Ship C. O. D.

A Solid Foundation for Success with Poultry—Lakeview Business Breeds  
LAKEVIEW POULTRY FARM, Box 3 Holland, Michigan  
M. J. KOLE, Prop. Member International Baby Chick Association

BABY CHICK SPECIAL All Michigan Accredited 500 S. C. White Leghorns Trapnested on our Own Farm. Finest Egg Strains. Largest Type Barred Rocks. Years of breeding for higher egg production has placed Michigan Poultry Farm Stock on a high standard of Quality. Among 500 White Leghorns trapnested on our own farm, a large part averaged 24 to 30 eggs monthly during the past winter. Our Sheppard's Anconas and Holterman's Strain Barred Rocks are also of very best quality. Order SAFELY and CONFIDENTLY, direct from this Ad. We Guarantee 100% Live Delivery.

PAY ONLY \$1.00 DOWN. BALANCE C. O. D.	100	200	500
Barron and Tancord Foundation S. C. W. Leghorns	\$ 8.00	\$16.00	\$37.50
Trapnested Pure Hanson S. C. White Leghorns	13.00	26.00	62.50
Sheppard's Strain Anconas	8.00	16.00	37.50
Barred Plymouth Rocks	10.50	21.00	50.00
Broilers, Mixed	7.00	14.00	32.50

MICHIGAN HATCHERY & POULTRY FARM BOX 1 HOLLAND, MICH.

REGISTERED AND CERTIFIED SEED CORN Clement's white cap yellow dent, Pickett's yellow dent and Michigan yellow dent (a very early dent). Certified Worthy oats and sweet clover. Why take a chance on common seed when our scientific method of drying and preparing our corn insures germination and vigor. Write for circular and sample. Paul C. Clement, Britton, Michigan. Member of the Crop Improvement Association. Dept. H.

SEED CORN—NORTHWESTERN DENT, FLINT, Armstrong, Golden Jewel and Minnesota Thirteen. 95% test. Price, \$2.50. Frank Steinhorn, Wagner, S. D.

SWEET CLOVER SEED WHITE BLOSSOM cleaned, Scarified Germination and purity guaranteed 95%. \$8 bushel. Monroe Bros. Essexville, Mich.

SCIENCE AND PRACTICE DEMONSTRATE IMPROVED American Banner wheat. Wolverine oats. Improved Robust beans best for Michigan. A. B. Cook, Owosso, Mich.

OHIO YELLOW CLARAGE CORN IS WORLD'S highest yielding variety and best for late planting. Catalog and samples free. Certified Seed \$5.00 per bushel. Dunlap & Son, Williamsport, Ohio.

CHOICE CERTIFIED IMPROVED ROBUST seed beans. A. B. Cook, Owosso, Mich.

### PLANTS

PLANTS. EARLY WAKFIELD, GOLDEN Acre, Copenhagen, Danish Ballhead and Premium Late Flat Dutch cabbage; Baltimore early red heavy bearing tomato; White Bermuda Onion. 500, 75c. 1,000, \$1.25. 5,000, \$5.00. Assorted as wanted. Large high quality plants. Carefully crated. Prompt shipment. Good condition arrival guaranteed. A. E. Reinhardt, Ashburn, Georgia.

PLANTS. 5 ACRES. JUNE, JULY DELIVERY. Cabbage: Copenhagen, Flatdutch, Ballhead—prepaid, 200, 65c; 500, \$1.25; 1000, \$2.25. Express: 5000, \$7.50. Cauliflower, prepaid: 100, 70c; 500, \$2.25; 1000, \$4.00. Moss packed. Critically assorted. Guaranteed. W. J. Myers, R. 2, Massillon, Ohio.

FROSTPROOF CABBAGE AND ONION PLANTS, all varieties. 75c. 1000. Tomato plants \$1.25. 1000. Prime quality big roots, quick service. Farmers Exchange, Pavo, Ga.

COPENHAGEN, WAKFIELD, FLAT DUTCH, frostproof Cabbage plants, \$1.00. 1,000; Bermuda Onion, \$1.00. Tomato, \$1.00; Collard, \$1.00. Ruby King Pepper, \$2.00; Porto Rico Potato, \$1.75. Good plants, carefully packed. Prompt shipments. Quitman Plant Co., Quitman, Georgia.

100 ACRES CABBAGE, ONION AND TOMATO Plants. Special \$1.00 thousand. Sweet Potato and Pepper Plants \$2.00. Farmers Supply Co., Franklin, Va.

### LIVESTOCK

CHOICE HEREFORD HERD AT A BARGAIN. R. W. Anderson, Clarkston, Mich.

FOR SALE—BELGIAN STALLION 11 YEARS old. A ton horse. An extra good one. Sound and right. Wm. Mankey, R. 8, St. Johns, Mich.

FOR GUERNSEY OR HOLSTEIN CALVES from heavy rich milkers, write Lakewood Farm, Whitewater, Wisc.

### TOBACCO

GUARANTEED HOMESPUN TOBACCO—CHEWING 5 pounds, \$1.25; 10-22. Smoking 10-15. Pipe free! Pay postman. United Farmers, Bardwell, Kentucky.

### MACHINERY

FOR SALE—THREE GUARANTEED DEALER'S sample 20x32 New Racine Threshers at big price reduction. Standard product—Never used. Belle City Mfg. Co., Racine, Wis.

### PET STOCK

MAKE BIG PROFITS WITH CHINCHILLA Rabbits. Real money makers. Write for facts. 884 Conrad's Ranch, Denver, Colorado.

### HELP WANTED

TEACHER, DESIROUS OF TRAVELING SUMMER months, pleasant profitable work; opportunity to work into a permanent executive position. For details write Educators Association Francis Palms Bldg., Detroit, Mich.

WANTED—MAN ON FARM—WITH NONE OR small family or single. Forley Bros., Almont, Lapeer County.

### AGENTS WANTED

CAN YOU SELL HOUSE PAINT AT \$1.98 PER gallon and barn paint at \$1.30? Lowest prices in America. Beat all competition. Dealers and mail order houses. Money back guarantee to every customer. Experience unnecessary, no delivering or collecting. Just talk to property owners about these low prices. \$50 to \$100 weekly easily made. Check mailed you each Friday. Write at once for Free Sales Outfit, with complete information. Farm & Home Paint Co., Desk 83, Kansas City, Mo.

WANTED—LIVE WIRE TO SELL BARN equipment. State experience, if any. Big job for right man. Box 72, Care M. B. F., Mt. Clemens, Mich.

### HARVESTER

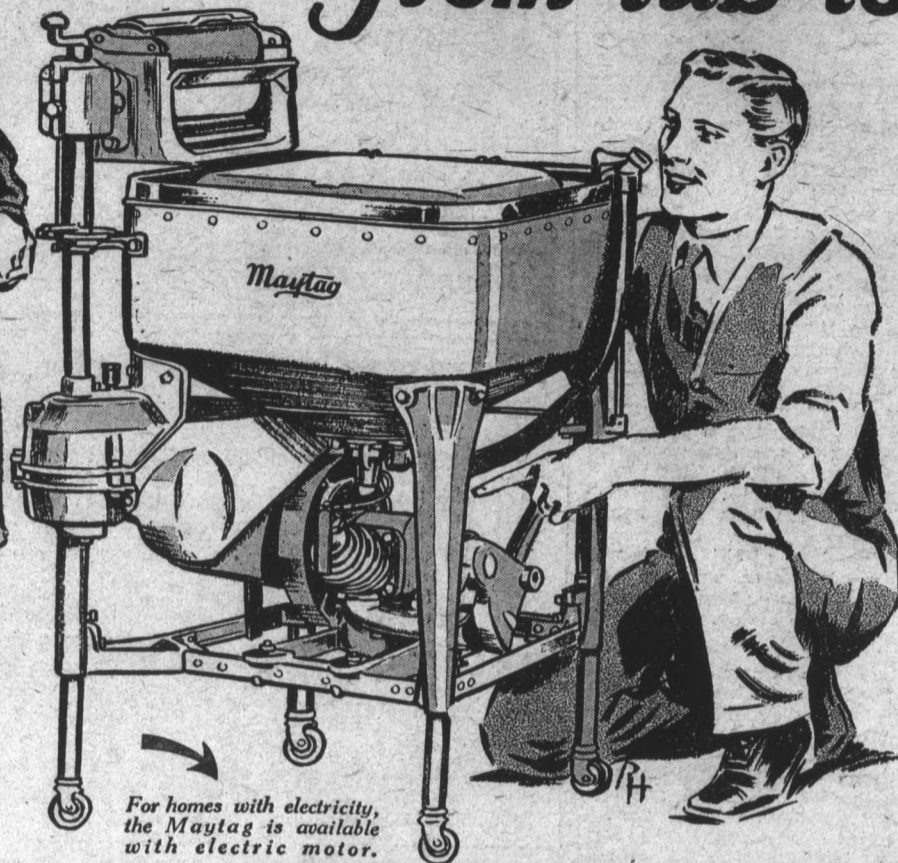
RICH MAN'S CORN HARVESTER, POOR man's price only \$25.00 with bundle tying attachment. Free catalog showing pictures of harvester. Process Company, Salina, Kans.

### MISCELLANEOUS

FARMERS WOOL MADE INTO BLANKETS, batting and yarn at fair prices. Send for circulars. Monticello Woolen Mills, (Estab. 1866), Monticello, Wisc.

CHEMISTS—OUR NEW CATALOG LISTING 5,000 chemicals, 2,500 illustrations Laboratory Apparatus and 1,000 Books sent on receipt of 50c. Laboratory Materials Company, 646 East 71st Street, Chicago, Ill.

# Your Husband will approve the MAYTAG ~from tub to engine!



For homes with electricity,  
the Maytag is available  
with electric motor.

THE farm woman's right to labor-saving equipment is not questioned seriously anymore.

How can the husband refuse you power for the family washing, the week's hardest task, when he pumps his water, grinds his axe, chops his feed, and does a large part of his field work with power? He knows that it pays to give power equipment even to farm hands—why not the wife?

The Maytag does an average farm washing in an hour or so—changes washday to wash-hour. It washes so thoroughly that no hand-rubbing is necessary on grimy overalls, on the stubborn edge-dirt of collars and cuffs—yet it washes the daintiest clothes hand-carefully.

It saves your time, your health and the clothes. Your husband will appreciate that.

## Why the Maytag Won World Leadership

### THE TUB

A seamless, cast-aluminum tub—big capacity, machinery free, self emptying, self cleaning, heat-retaining.

### WASHING ACTION

Maytag Gyrafoam agitator—washes faster—a big washing in an hour or so; gentle and thorough—no hand-rubbing necessary even on collar and cuff edges, work or play-clothes.

### WATER REMOVAL

Balloon-type, semi-soft, never crush rolls—safety for buttons and delicate garments. Automatic Feed Board, automatic tension adjustment, self-reversing drain board, instant safety release. Swings and locks in seven different positions—all-metal construction.

### ADJUSTABLE HEIGHT

Legs easily adjustable for height; handy hinged lid.

### HIGH-GRADE CONSTRUCTION

Enclosed, silent, precision steel-cut gears running in oil. The most durable washer made. Beautiful, enduring lacquer finish.

### POWER

Electric Motor for wired homes, Maytag Gasoline Multi-Motor for homes without electricity.

## Tell Him about the Wonderful Maytag Gasoline Multi-Motor

Farmers are getting to know engines as well as they know horses, and the Maytag gasoline multi-motor is an engine that will delight anyone. For ten years Maytag has built this engine to equip its washer for farm homes that have no electric power.

It has been continually improved with the progress of engineering knowledge. It gives the same steady, even, dependable flow of power as an electric motor and requires about the same room. The same four bolts that connect the electric motor to the Maytag, connect the Multi-Motor.

It is in-built—a part of the washer—no belts to line up—nothing that the woman cannot manage herself.

Engine and starter are combined in one unit, directly connected to the crankshaft. Step on the pedal and away it goes. The modern carburetor has only one adjustment and its novel arrangement prevents flooding.

The Multi-Motor is air-cooled, and has Bosch high-tension magneto and speed governor. All bearings are generous in size and high-grade bronze, oil-grooved bearings are used throughout, assuring little friction loss and long life.

So popular is the Multi-Motor Maytag for farm homes that the Maytag Company has become the world's largest producer of single cylinder gasoline engines. Only the Maytag has it.

## FREE Trial for a Whole Week's Washing

Pay no money until you wash with the Maytag in your own home. Write or telephone any Maytag dealer, and gladly, without cost or obligation, he will send you a Maytag, powered either with electricity or gasoline. Wash with it—give it a rigid test. If it doesn't sell itself, don't keep it.

THE MAYTAG COMPANY, Newton, Iowa

Founded 1894

INDIANAPOLIS BRANCH, 923 North Capital Ave., INDIANAPOLIS, IND.

**Maytag**  
Aluminum Washer



### Maytag Radio Programs

WHT, Chicago, Tues. Wed., Thurs., Fri., Sat., 9:00 P. M. WCCO, Minneapolis, Fri., 8:30 P. M. WHO, Des Moines, Sun., 7:15 P. M. KDKA, Pittsburgh, Tues. and Wed., 10:00 P. M. WBAP, Fort Worth, Mon., 8:30 P. M. KEX, Portland, Ore., Tues. and Sat., 8:30 P. M. WBZ, Boston, Fri., 7:30 P. M.

Hours designated are standard time at the stations named

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