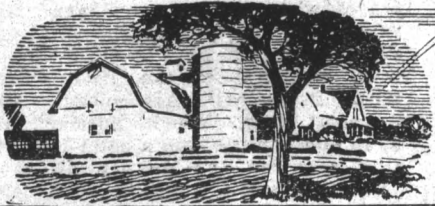
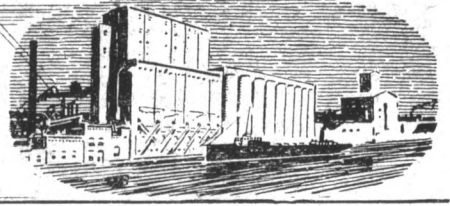


# The Michigan BUSINESS FARMER



An Independent  
Farmer's Weekly Owned and  
Edited in Michigan



Vol. VIII, No. 35

MT. CLEMENS, SATURDAY, APRIL 30, 1921

\$1.00 PER YEAR

## Our Future Export Meat Trade With England

An Interview With Sidney Smith Who Studied This Subject While in Europe Recently



MR. SIDNEY SMITH

**S**IDNEY SMITH, Superintendent of Wildwood Farms, at Orion, Mich., has just returned from Europe where he with his family spent the latter part of the winter, visiting his parents in England and incidentally, several auction sales of pure-bred Angus cattle in Scotland, the far-

famed home of the Bonnie Blacks. For the benefit of our readers who are not personally acquainted with Mr. Smith, it may not be out of place to mention that he is a native of England but a devoted admirer of his adopted country where he has spent the last 20 years in helping to build up pure-bred herds of cattle and hogs. While making his selections of foundation animals for his herd at Wildwood farms, the owner, Mr. W. E. Scripps, of Detroit, secured the assistance of Mr. Smith and very soon afterward requested him to assume the management and future development of the farm and the splendid Angus herd which has already made it famous.

The first question which a representative of the Michigan Business Farmer asked Mr. Smith when he met him, a day or two after his return was: "What is your opinion concerning the probable future of our export trade with Europe?"

"As far as Britain is concerned" replied Mr. Smith, "I am convinced that both the people and the government are anxious that our trade with them shall be developed to the extreme limit. It is simply impossible for them to take any other view of the project, as they are literally starving for the various food products which are selling so low over here. When anyone tells you that Englishmen are prejudiced against using American food products don't believe them for nothing could be farther from the truth. In my opinion, the only thing that is limiting our trade with England today is the adverse rate of exchange. If the English pound could be put back on a normal basis, tomorrow, in less than six months from that date, our export clearances, for Britain and Scotland would increase one-hundred fold.

"From the standpoint of high food costs, the English people are much worse off today than we were on the re-

By H. H. MACK

cent peak of our living costs. In March my mother paid 9 cents each for fresh eggs and, mind you, she got them direct from the producers; prevailing retail prices were much higher than that. Milk was selling for 24 cents per quart. Before I left, I went to a Detroit packing house and bought the best slab of bacon I could find, paying 26 cents per pound for it; when I sat down to my mother's table I found her eating bacon that was very much inferior to that which I brought with me, but cost more than 70 cents per pound. Nearly everything in the line of food is selling on a par with the prices I have mentioned above with no relief in sight until the day dawns when American food products can be secured at the prices for which they are selling here, plus the freight rate and a reasonable exchange profit.

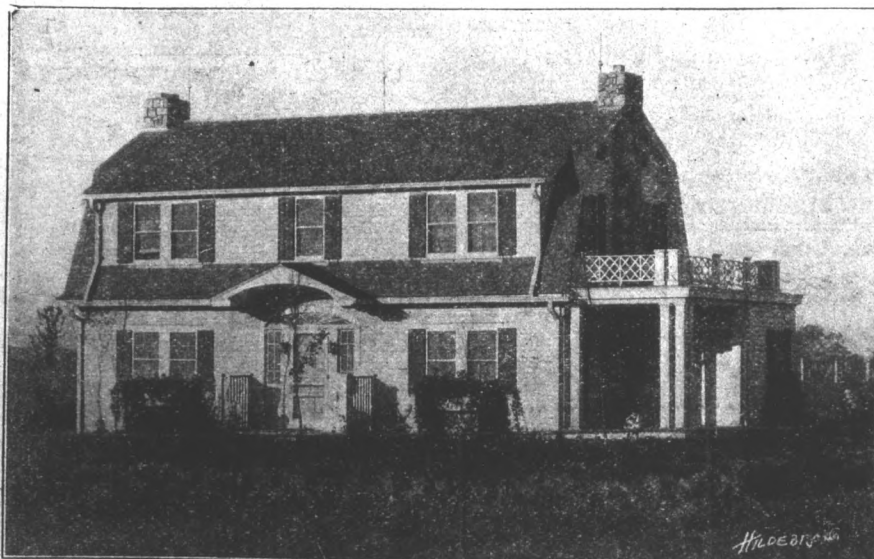
"Scanning your market reports since my return, I note that exporters have recently been buying a few cattle and sheep in American markets for shipment to England. The thing that surprises me most, however, is the small volume of this trade at a time when England is paying higher prices for live animals and dressed meat than at any previous period in her wonderful history as a nation. In this connection, let me mention a few of the prevailing prices for live animals over there. Fair to good beef-bred steers, averaging between 1,200 and 1,400 pounds, sell readily, in England, for 60 to 80 pounds, the equivalent to \$250 to \$300 in our money. Aged Shropshire sheep, weighing from 120 to 150 pounds, readily sell for from \$20 to \$28 in our money values. The prices which English cattle feeders are paying for their feeding prospects are simply astounding. They feed many old cows over there and a fairly well-bred, dairy discard, but thin as a rail, costs 40 pounds or the equivalent of

\$156 in American money. What would our Michigan cattle feeders say to a farmer who would brace them for \$156 for a thin old cow? Considered from the standpoint of the values mentioned, is it any wonder that English farmers are still paying record prices for pure-bred mutton rams and pure-bred beef producing bulls?

"During my short absence from this country, I had the inestimable privilege of attending two of Scotland's leading shows and auction sales of pure-bred Angus cattle, one at Perth and the other at Aberdeen. The Perth show had a list of 630 exhibits and continued for one day; the two following days were devoted to the sale of 268 females and 300 bulls. The show and sale at Aberdeen was held the week following the Perth offering, the sales list being composed very largely of bulls nearly all under two years old; there were about 465 bulls and 13 females in the latter offering. The most notable fact connected with both of these sales—and this applies with equal force to all of the auction offerings made during the year in both England and Scotland. With a very few exceptions the animals fell to the ownership of farmers located in the country, immediately surrounding the point at which the auction was held. A large proportion of the bulls mentioned will be mated with cold-blooded cows for the express purpose of producing beef-bred steers and heifers. While the prices paid at the sales mentioned were much lower than has been the rule in other recent years, they probably look mighty high to the average American farmer. If the time ever comes again in this country when a fifteen-hundred-pound steer brings \$300, I predict that the supply of beef-bred bulls will not equal 50 per cent of the demand.

"The highest priced bull in the Perth sale was Escalad of Bleaton which brought the record price of 3,000 guineas, nearly \$12,000; this price was equalled at the Aberdeen sale, last year, but never before. A 14-month calf, a grandson of Edgar of Delmeny, the bull which has sired so many good ones for us here at Wildwood farms, sold for \$2,000 at the Perth sale; while this calf was only given sixth place by the judge of the show, only one bull in the class sold for more than he did. Prince Powerful, the second highest priced bull in the Perth sale, sold for 2,800 guineas, something over \$11,000 in our money; this wonderful breeding prospect went to Rhodesia, South

(Continued on page 11)



Mr. Smith's Home at Wildwood Farms.





# Current Agricultural News



## A. F. B. F. ADVOCATES CUT IN RAIL RATES

**R**EPPEAL OF the guaranty section of the Transportation Act reduction in railroad rates, equal protection for agriculture under the tariff and adequate credit facilities for agriculture was announced last Saturday as the legislative program which the American Farm Bureau Federation will recommend to Congress as an aid to farmers. The program was formulated by the executive committee of the federation after two weeks conference here.

Strong opposition was expressed to repeal of the excess profits tax, and to any tariff on lumber and fertilizer. Another recommendation proposes the submission of a constitutional amendment forbidding the issuing of tax free securities, as more than \$26,000,000,000 in securities now escape a federal tax.

### Urges Packer Control

The federation reaffirmed its stand for packer legislation vested in the Department of Agriculture and opposition to any federal excise tax on land.

The attention of Congress was called to the "important and differing factors affecting food products from the American farm in their relationship to imports of like products from foreign countries" in considering the labor cost in making up the tariff law. Attention of Congress also was directed to the "center" of food production of the United States as being "somewhere" in the Mississippi Valley, while the center of consumption is in the populous areas of the East. "Ocean freight rates from competing countries to the consuming centers were declared to be much lower than are the exorbitant and increasing freight rates from our farms to our own consumers."

### Raps Banking System

After setting forth that "recent experiences" have shown that the farmers are "not adequately financed," and that their welfare is jeopardized

when they avail themselves of the present short time commercial credits, the federation recommended legislation to provide proper authority for commodity and cattle financing and for personal rural credits secured by proper insurance features. It also asked that profits from the federal land banks from \$10,000 to revolving fund to provide working capital during the interim between requests for money and the sale of the debentures.

Recommendation was made that such debentures be made eligible for sale in Federal Reserve Banks or on the open market. Increase of the maximum amounts which may be loaned to a single borrower from the Federal land banks from \$10,000 to \$25,000 was suggested.

## DEPARTMENTS SHOW BIG GROWTH

**I**NCREASING one's size by growing backwards is an unusual thing, but the Michigan State Farm Bureau headquarters at Lansing has been doing that thing for the past year. Its office space is now five times what it was one year ago. Constant growth of the business handled for farmers has kept the farm bureau in cramped headquarters at all times. Every square foot of space is at a premium. Today the bureau is increasing its floor space by one fourth in an effort to get room to work in.

Last summer the offices occupied just the front fourth of the present offices. Three-quarters of a million pounds sold from the pool in two remainder of the building. As fast as the wool moved, the farm bureau offices moved in. The last of the wool has gone and in its stead a new set of offices have made their appearance on the second floor of the farm bureau building. The odor of green plaster has supplanted that of stored wool.

Remodeling of the farm bureau headquarters in the interests of a greater efficiency is proceeding along

with the expansion of office space. Departments accorded space in the new offices because of their constantly expanding work are: the elevator exchange whose work has assumed such proportions as to warrant a suite of five offices in place of space in the general office as at present; the executive committee, which has been furnished with a room which has a seating capacity of 150. Important meetings which are largely attended are frequently held at the farm bureau headquarters; and the publicity department, which will take over two new offices.

The remodeling plans provide that the wool department shall have a suite of three offices on the ground floor instead of one, and shall have in addition a large show room for the display and sale of farm bureau blankets and suitings, the purchasing department shall be accorded increased space in the general office, a suitable reception room has been provided for, the accounting room space increase and private offices installed for President James Nicol, Secretary Clark H. Brody and Auditor J. Lee Morford.

The expansions are illustrative of the rapid growth of the business affairs of the Michigan State Farm Bureau, perhaps the fastest growing state farm bureau organization in the country today.

### COST OF WOOL IN SUIT

**W**OOL constitutes only five to seven per cent of the cost of a suit of clothes says the Michigan State Farm Bureau which is engaged in the manufacture of tailored to measure suits of virgin wool as an outlet for wool in the Michigan wool pool.

First among the facts learned by the farm bureau was that no suit could possibly have more than \$2.40 worth of wool in it at prices paid to the growers by the Farm Bureau, or \$1.60 as paid by dealers who purchased wool in large lots and pay for it as a lot rather than by grades. An increase in the wool market of fifty per cent could not increase the price of a suit of clothes more than three or four per cent the farm bureau has learned.

In other words, says the Farm Bureau, retailers could not give higher wool costs as a legitimate reason for an increase in the price of clothing if that increase was more than \$1 per suit.

It does not require, if one figures on 7 1-2 or 8 pounds of wool in the grease to make a suit of clothes, to deduce that direct marketing cuts the cost to the user and pays the sheep owner the cost of production.

Eighty thousand pounds of wool were sold from the farm bureau wool pool last week, which in addition to the half million pounds moved the week before, makes 580,000 pounds sold from the pool in two weeks to eastern mills at prices considerably above those offered by local dealers, according to the farm bureau.

### U. S. GRAIN GROWERS GET READY TO START

**T**HE U. S. Grain Growers' Inc., are smoothing things up preparatory to laying the foundation for a new system of marketing. There are in existence many large co-operative associations of farmers such as the Northwest Wheat Growers' Association; the National Wheat Growers' Ass'n, of Kansas, and the Farmers' National Grain Dealers' Association with whom an understanding must be had. This will be one of the initial steps of the new organization. Eight departments, sales, transportation, organization, legal, financial, statistical, information, pooling, have been created. Mr. James Nicol of Michigan is a member of the statistical department. The chairmen of these departments are all experts in their line, J. M. Anderson, chairman of the sales department being president of the Equity Co-operative Exchange

which owns the only farmer-owned terminal elevator in the United States which had a turnover last year of \$30,000,000. The financial department is headed by W. F. Schilling, president of the Twin Cities Milk Producers' Association. His financial experience in putting this \$500,000 company on a solid foundation required the quality of good judgment and discretion that the new company wishes to make use of in its financial plans.

### NORTH DAKOTA'S ELEVATOR BONDS TO BE SOLD

**M**ILL AND elevator bonds of the state of North Dakota in the sum of \$2,000,000 will be sold as the result of the endorsement and activities of U. L. Burdick, President of the North Dakota Farm Bureau Federation. The proceeds will be used to complete the state-owned plant at Grand Forks. The mill and elevator will probably be leased by the U. S. Grain Growers, Inc. Interviewed concerning the enterprise, Mr. Burdick said: "The state of North Dakota has already expended \$1,000,000 on the plant at Grand Forks, which will have one of the best planned terminals in the country. When finished farmers can ship in 150 carloads of grain per day and the facilities will permit of its being cleaned, dried and shipped out the same day. The wheat growers of North Dakota are anxious to have the mill and elevator completed. They look upon the sale of the bonds as an economic and not a political measure. The rank and file of our wheat growers are behind the plan to sell the mill and elevator bonds and there is no question but that they will be quickly absorbed."

### HERBERT HOOVER SAYS:

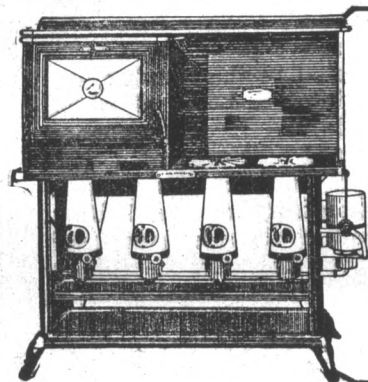
**"U**NLESS WE can readjust our railroad rates we will have to re-write the whole agricultural geography of the United States," declared Secretary of Commerce, Herbert C. Hoover, before the executive committee of the American Farm Bureau Federation in Washington last week. "Our present rates will soon move our granaries to foreign shores, for today it costs 30 cents per bushel to ship grain from Missouri to New York and the same amount can be shipped by water from Argentina for 10 cents. We should take a lesson from Europe and think of our agriculture. Those countries have developed industry to the detriment of agriculture; have imperiled their national defense and even their civilization. We cannot afford to depend upon overseas for our food, for it undermines our basic industry."

### STATE BIENNIAL BUDGET OVER SIXTY-ONE MILLION

(Continued from page 3)

institutions. When the building programs that have been mapped out for the institutions and the state itself are completed, we may expect a much lower state budget but not until then.

In face of what might be called the almost absolute necessity of providing unprecedented funds for state institutions the taxpayers are looking hopefully about for some new source of revenue. Gov. Groesbeck, as already stated is responsible for the tax on corporations to secure 12 millions, and the proposed state income tax should yield several more millions, thereby lightening the load on the owners of real estate. The farmers cannot stand up under the present tremendous burden of taxation. Thousands of farmers failed to pay their taxes last year to their township treasurer because they couldn't and the situation is likely to be worse the coming year. Yet, there is wealth a-plenty in the state which can and should bear a greater proportion of the tax burden, and it is incumbent upon the people of the state to see that it does.



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The Michigan Business Farmer, Mt. Clemens, Mich.  
Friends:

I want to introduce a NEW subscriber and for a quarter (25c) enclosed in coin or stamps you are to send our weekly every week for six months.

To .....

Address .....

Introduced by your reader:

M .....

Address .....



## State Biennial Budget Over Sixty-One Million

Requirements for 1921-22 and 1922-23 Tops Previous Budget by 15 Million Dollars

THE STATE of Michigan will spend 61 million dollars during the next two years. This is the approximate total of the budget reported out by the legislature and is about 15 million dollars less than the initial estimates. Only about 35 millions of this will be spread upon the tax-roll, which means that the state tax for the next two years will be almost exactly the same as for the last two years. Twelve million dollars will be raised during the biennial period by a special corporation tax, the law to provide which was enacted upon the recommendation of Gov. Groesbeck. A portion of this is to become immediately available to take care of the deficit which the state faces at the present time. Six millions will be derived from automobile license and other fees, and eight million from the one mill tax. The five principal sources of revenue are as follows:

|                        | 1921-22      | 1922-23      |
|------------------------|--------------|--------------|
| Regular tax levy ..    | \$18,825,000 | \$16,550,000 |
| Corporation tax ....   | 6,000,000    | 6,000,000    |
| Income from fees ...   | 3,000,000    | 3,000,000    |
| U. of M. mill tax .... | 3,000,000    | 3,000,000    |
| M. A. C. mill tax .... | 1,000,000    | 1,000,000    |

### Economists Meet Defeat

In both branches of the legislature there was a small group of men who felt that because of general business depression and the decline in prices of farm products, appropriations should be cut to the bone. In the Senate this faction was led by Sen. Baker, who had the consistent support of Senators Bolt, of Muskegon, McArthur of Eaton Rapids, McRae of Alcona county, and the not infrequent support of Johnson of Tuscola county, Phillips of Bay City, Amon of Mecosta and Riopelle of Detroit. Conspicuous among the so-called "farmer" senators who as consistently

### Important Announcement

THE EDITOR will leave New York June 1st for Europe to study agricultural conditions and farmers' co-operative systems in Scotland, England, Denmark, France and Germany. This trip is made possible through the courtesy of the Mount Clemens Rotary Club which has appointed me its official delegate to the International Convention of Rotary Clubs, at Edinburgh, Scotland. I hope our readers will appreciate the importance of this trip, and the opportunity it gives me to gather information which will be of value to them and the rest of the farmers of the United States. I hope to find out the reasons for the enormous decline in our export trade. I want to learn how soon Europe's agriculture will be back on its feet and what effect that is going to have upon our prices. I want to know how the governments of these European countries look upon agriculture. Do the laws help or hinder it? I intend to delve into the co-operative systems of Denmark, the cradle of the co-operative movement. Ex-Gov. Glynn of New York has made the statement that the Danish farmer gets 90 per cent of the consumer's dollar. I want to find out if that is true, and if so, how it is done. I may not be able to do all that I hope to do on this trip, but I am very sure that I will be able to make a report of my finding which will be of some value at least to the readers of M. B. F.—Forrest Lord, Editor.

voted against economy measures were Sen. Vandenboom of Marquette, Ross of Oakland county, and Davis of VanBuren county. Typical of the fights between the two factions was that staged on the appropriation for the Public Utilities Commission. The amount asked for in this bill exceeded by nearly \$100,000 the amount appropriated two years ago. The

increase was explained by Sen. Clark of Benton Harbor on the grounds that two years ago the legislature "guessed at what the Commission would require and this year the legislature knew what it needed." Sen. Brower of Jackson defended the appropriation by stating that the Commission was virtually self-supporting from the fees which it received, and nobody took the trouble to point out to the weighty senator that there would be no objection if the Commission earned a profit and turned it into the state treasury. Sen. Phillips sought to amend the bill by reducing the salary of the five commissioners from \$7,000 to \$5,000, but this, too, met defeat.

It is probable that had the majority of the members been economically minded, the appropriations could have been safely trimmed another four or five million, but it was out of the question to expect a more drastic cut. In the first place the appropriations for the last two years while exceeding all previous appropriations were not sufficient to take care of the expanding needs of the institutions. Money was wasted which should have gone into buildings, etc. In the second place, investigation has shown that many of the state buildings are in a sad state of disrepair, that quarters are over-crowded, and new buildings must be provided. The taxpayers are being called upon today to pay for the negligence of previous years. Take both the University and the Agricultural College as instances. The University asked for about nine million. It got less than five. It could have used twenty to good advantage. The M. A. C.'s building program has lagged along for several years. It asked the legislature for over two million and got less than one. And so it went with nearly all state (Continued on page 2)

## A. B. Cook Succeeds Ketcham to Carry on Sugar Beet Fight

Association Closes Campaign for Year and Submits its Contracts to the Manufacturers

AT A MEETING of the executive committee of the Michigan Sugar Beet Growers' Ass'n at Lansing last week, A. B. Cook, master of the State Grange was elected president of the Association to succeed Hon. John C. Ketcham whose election to Congress made it impossible for him to continue longer in that position. Mr. Cook was formerly a large producer of beets, but disgusted by the arbitrary attitude of the sugar manufacturers, he publicly proclaimed at a meeting of growers last year that he would "never grow another acre of beets until the manufacturers granted the growers a conference." Mr. Cook's heart is wrapped up in the beet growers' cause and it is believed that his official connection with the Association will be a valuable asset to it.

General Manager Ackerman presented to the committee the results obtained from the canvass for signers to the Association contract, and Pres. Cook was delegated to visit the heads of the factories and negotiate with them for the acceptance of the contracts. Reports from various counties showed that many farmers were loath to sign any contract this year because of the low price of sugar. Hundreds of farmers have dropped out of the game and are not likely to go back until the price of sugar returns to a level where they can secure at least \$8 or \$9 per ton. It was stated by those in a position to know that the factories were meeting with great difficulty in getting their acreage, and are far short of the required amount. The field agents are soliciting contracts on land that has never grown

beets and which will grow almost any other crop better than it will beets. The same thing happened last year, and many farmers who helped to break the beet-growers' "strike" by contracting for beets for the first time, found out to their sorrow that it was a mighty expensive piece of "strike-breaking."

Despite the discouraging aspects of the agricultural situation, the beet growers' executive committee are more firmly resolved than ever to "buck the tiger," and get control of the beet situation in this state. The conference lasted for several hours during which time plans were laid for a renewal of the beet fight another year upon a somewhat different plan and an entirely different method of approach.

Beet Sugar Production Figures for 1920 as Announced by Bureau of Crop Estimates

| STATE         | Sugar made | Area harvested | BEETS WORKED |                       | BEETS PAID FOR |                       | STATE         | Av. Price paid for beets per ton | Total Amount | Number of factories operating | Days in operation | Av. extraction based on weight of beets | Av. sugar in beets | Av. purity coefficient |
|---------------|------------|----------------|--------------|-----------------------|----------------|-----------------------|---------------|----------------------------------|--------------|-------------------------------|-------------------|-----------------------------------------|--------------------|------------------------|
|               |            |                | Amount       | Average per acre tons | Amount         | Average per acre tons |               |                                  |              |                               |                   |                                         |                    |                        |
| Michigan...   |            |                |              |                       |                |                       | Michigan...   |                                  |              |                               |                   |                                         |                    |                        |
| 1920          | 165,899    | 149,599        | 1,243,868    | 8.32                  | 1,312,883      | 8.78                  | 1920          | 10.08                            | 13,236,000   | 17                            | 87                | 13.34                                   | 15.79              | 84.04                  |
| 1919          | 130,385    | 123,375        | 1,032,018    | 8.36                  | 1,211,018      | 9.82                  | 1919          | 12.52                            | 15,158,000   | 16                            | 84                | 12.63                                   | 14.57              | 81.78                  |
| California... |            |                |              |                       |                |                       | California... |                                  |              |                               |                   |                                         |                    |                        |
| 1919          | 167,997    | 122,813        | 1,051,899    | 8.56                  | 1,073,823      | 8.74                  | 1920          | 13.13                            | 14,096,000   | 10                            | 90                | 15.97                                   | 17.66              | 81.44                  |
| 1920          | 131,172    | 107,174        | 804,642      | 7.51                  | 815,896        | 7.61                  | 1919          | 14.17                            | 11,561,000   | 10                            | 76                | 16.30                                   | 17.87              | 82.02                  |
| Colorado...   |            |                |              |                       |                |                       | Colorado...   |                                  |              |                               |                   |                                         |                    |                        |
| 1920          | 204,482    | 219,847        | 2,165,737    | 9.85                  | 2,325,603      | 10.58                 | 1920          | 11.88                            | 27,627,000   | 17                            | 98                | 13.94                                   | 15.81              | 85.15                  |
| 1919          | 192,890    | 182,616        | 1,656,113    | 9.07                  | 1,764,772      | 9.66                  | 1919          | 10.85                            | 19,143,000   | 15                            | 87                | 13.29                                   | 13.62              | 83.85                  |



# Crooked Commission Firms Victimize Farmers

*Thousands of Dollars are Lost Annually by Unsuspecting Farmers to Unreliable Receivers*

WE HAVE always had crooked commission firms with us, and we always will have them. But they are thriving in unusual numbers at the present time. This is their great and glorious opportunity, when the mere promise of a better price brings a flood of business their way, and they are making the most of it. Farmers who in normal times would look before they leap, now seemingly do not hesitate to ship produce to receivers whom they have never heard of before, and of whose honesty and reliability they know not a thing. Crooked commission firms are thriving in every large city, and in the majority of cases they get away with their game, for the simple reason that the farmer who gets stung does not know how to proceed against them. Recently the Produce Packer published the following warning which farmers who are in the habit of shipping to commission firms may well take to heart:

"The Produce Packer wants to warn its readers against doing business with small fly-by-night butter, egg and poultry dealers in New York. During the past few years, there have developed on this market innumerable 'receivers,' who are nothing more than small jobbers and retailers, many of whom, failing to pay their bills promptly to the trade here, send out circulars to country shippers in the hope of getting supplies by overquoting the market. The numerous increase in this kind of an alleged commission merchant and 'wholesale receiver' is startling. There is hardly a week passes that The Produce Packer does not receive inquiries from shippers—some of them large operators—about these concerns. Many such firms cannot buy a car of eggs on the street unless they lay down the cash. They are compelled to go to the country soliciting shipments if they want credit. If the market breaks and they see no chance of making any money they simply turn down the drafts. If, on the other hand, there is an advance and they see a profit they take up the drafts. On

## Ascertain Responsibility

FARMERS who ship produce to firms whose responsibility they have not previously ascertained stand about one chance in ten of securing any returns at all and an even less chance of securing correct returns. The Business Farmer appreciates that the farmer wishes to sell his products for as high a price as he can secure and is tempted to try the city markets in preference to his local markets. During the last several months the prices quoted in Detroit have been far in excess of prices at most local markets and we do not blame farmers for wanting to take advantage of the higher prices. The Business Farmer stands ready at all times to advise its readers concerning the responsibility of any commission firm, and to render such other service in this connection as our readers may find themselves in need of.—Editor.

consigned goods, the alleged 'breakage' and the 'poor quality' represent the excuse for them to render low returns. Some of these firms disappear as if the earth had opened and swallowed them."

The Business Farmer has had its hands full with complaints against crooked commission firms in the city of Detroit. No class of claims received by us give us so much trouble and offer so little chance of settlement as these. After a considerable experience with this class of claims we are learning how to handle them which we shall tell you about later. In recent months we have had several score of complaints against the Michigan Produce Company, the Farmers' Produce Company and the Ferguson Commission Company. In the first two mentioned cases, after correspondence had failed to bring about a settlement, we appealed to the postoffice in-

spector for the city of Detroit, who advised that all he could do was to lay the cases before the grand jury, but that the farmers who had been victimized would have to sue in the civil courts to collect the money due them. In the cases referred to, where the guilty parties were absolutely irresponsible financially, a civil suit would be about as fruitful as Simple Simon's fishing expedition. It developed that we could do nothing for the farmers who had been robbed. All we could do was to put the guilty parties out of business so they could rob no others.

More recently innumerable complaints were received against the Ferguson Commission Company. This firm formerly operated under the name of Cummings & Ferguson, the former being previously connected with a large and responsible commission firm. When the complaints first began to arrive against these people, Mr. Cummings promised immediate investigation and settlement, but before any satisfaction could be secured Cummings resigned from the firm, and Ferguson continued the business alone. Letters addressed to this man remained unanswered, yet it was apparent from additional complaints received that he was still doing business. We finally sent a man to investigate. He found the address, after considerable difficulty. Ferguson's commission "house" was a mere "hole in the wall." Ferguson himself was not to be found, and a "half-baked" youngster who was hanging around the joint was unable to give any information concerning his whereabouts. After ascertaining that Ferguson's visible "goods" consisted of an empty chicken coop and a dead rabbit lying on the floor, the investigator left. The next day, (Continued on page 11)

## Spraying Cherry Trees, Strawberry Vines and Blackberry Bushes

*When to Treat and What to Use to Combat Various Diseases to Which These Fruits Are Susceptible*

INSPECT SWEET cherries for scale. If found spray as for apple orchards. Sour cherries are not often attacked by the San Jose scale, and there is therefore seldom need of spraying them with the strong lime sulphur.

Just before the blossoms open, spray with dilute lime-sulphur to prevent leaf-spot and brown rot.

Just after the blossoms fall, spray with dilute lime-sulphur or bordeaux-mixture and to every 50 gallons add 2 pounds of arsenate of lead paste or one-half as much of the powder. This spraying is to prevent leaf-spot, brown rot and the curculio and slugs.

Ten days or two weeks after the above spraying, it may be necessary to make another application of the same mixture. The necessity for this spraying will depend somewhat on the susceptibility of the variety to the brown rot and the leaf spot and on the weather conditions, moist weather being favorable to the development of these troubles.

Large black lice may appear on the leaves at any time. A spray of nicotine-sulphate will destroy them if applied before leaves curl.

Slugs sometimes appear after the fruit is harvested. A spray of arsenate of lead (2 or 3 pounds of the paste or half as much of the powder in 50 gallons of water) will destroy them.

Cherry Fruit-fly. Two sorts of small white maggots are often found in ripening cherries. These footless maggots are the larvae of cherry fruit-flies. The only way to successfully combat these fruit-flies is to lightly spray or sprinkle the trees with arsenate of lead when the flies are preparing

By H. J. EUSTICE and R. H. PETTIT  
Horticultural and Entomological Sections, M. A. C.

WOULD YOU please tell through the Business Farmer when is the proper time to spray cherry trees, strawberry vines and blackberry bushes, and what to use in treating them?—C. W., Orleans, Michigan.

to lay their eggs in the immature fruit. Use about a pint to a tree of a mixture containing 4 pounds of arsenate of lead paste or 2 pounds of the powder to 100 gallons of water.

**Treatment for Blackberries.** Cut out the fruit bearing canes after the last picking has been made. This will lessen insect and disease troubles that may be harbored on the old canes and allow more room for the growth of the new canes.

Orange rust may appear in May or June. It is easily identified by the bright orange color on the under sides of the leaves. There is no method of preventing this trouble. As soon as it is found, the bush should be dug out and burned. If allowed to remain the

disease will spread and destroy many plants. Secure disease free plants in starting new plantations.

Anthracnose is a common and troublesome disease especially of black raspberries and blackberries, identified by the grayish spots generally near the bases of the canes. Recent spraying experiments prove the necessity of three applications of lime-sulphur solution to control it, applied—first, in early spring just before growth begins, using 2½ gallons, testing 33 degrees Beaume, to 50 of water; second, when the new canes are six to eight inches long, using 1½ gallons to 50; third, just before blossoming, at the same rate as previous spray. The removal of all grass, weeds and trash in plant rows, keeping them clean and well cultivated, will help prevent this disease.

Cut out and burn gouty galls, tree-cricket eggs and borers in stems.

**Strawberries.** Examine the young plants before setting them. Pick off all discolored or diseased leaves. If root-lice are suspected, dip the roots in strong nicotine solution.

After the growth starts, spray with bordeaux and an arsenical poison to prevent the leaf-spot, and destroy the leaf-roller insect that may be found present.

For fruiting plantations, spray with bordeaux before blossoming, and repeat ten days to two weeks later. After fruiting, if the bed is to be fruited again, mow and burn over quickly (as on a day when there is a wind, to avoid burning the crowns of the plants). If leaf-rollers have been present in the immediate past, spray with poison after the growth has started again, but before the leaves curl.



Sour cherry tree not sprayed for leaf spot.

Sour cherry tree sprayed for leaf spot.





Photograph of the first annual meeting of the Detroit Packing Company, showing officers and part of the eight hundred stockholders who attended. Reading from left to right, the officers seated on the platform are as follows: Front row: H. L. Probert, director; Fred G. Thoman, director; Edward F. Dold, president and general manager; Joseph Gardulski, secretary and treasurer. Back row: Peter Merkel, director; Charles J. Becker, vice president; L. Whitney Watkins, special live stock advisor; William Stein, director; Frank L. Garrison, vice president; August Grunau, director; E. R. Munson, director; E. A. Beamer, director.

## 800 Farmer Stockholders Attend First Annual Meeting

ON TUESDAY, April 19th, 1921, there was held at the main plant of the Detroit Packing Company, the first annual meeting of the stockholders and directors, which will probably go down in history as one of the most successful and enthusiastic meetings ever held by a farmer-owned company in Michigan.

On the first floor of the new concrete manufacturing building which was ideally adapted for the occasion, over eight hundred persons from all parts of the state, more than ninety per cent of whom were live stock growers, met to elect directors, discuss plans for the future, and see for themselves what had been accomplished in the year since the actual plans of promotion were started.

We can say without hesitation that most of the stockholders were simply awe-struck by what has been accomplished, and the enthusiasm with which they elected for the ensuing year the same directorate who have conducted the affairs of the company during the past year was indeed a fine indication of their confidence in the men who have given their time so freely during the past year to make a farmer-owned packing plant in Michigan a reality.

L. Whitney Watkins, who has served as a director the past year, and in the special capacity of live stock advisor to the Detroit Packing Company, voiced the sentiments of the men who had backed the enterprise when he said, "I have never seen the enthusiasm, honesty and fairness that has been displayed here today."

He also put into a few words a brief history of the organization, of the Detroit Packing Company and his connection with it. Then in the course of his talk he said, "I had a dream many years ago that sometime the farmers might receive a part of the profits which were really due them. I could not see why it was necessary for the live stock of Michigan to make millionaires in Chicago, so when the man from the Detroit Packing Company came and asked me whether or not I would join with them, and bring this proposition up to the farmers, I promised to investigate; because I believed it merited investigation and seemed to have the three things;—location, capital and management necessary in this as in any other great business. I doubted if we could get the \$3,000,000.00 necessary for our packing plant, and then we would have

to have a great head who understood the intricacies of the business to make it a success. I did not believe that we could get a man big enough to run it after it was built, for at that time I was not sanguine that a man of the standing of Mr. Edward F. Dold in the packing business could be interested in a farmer-owned proposition. Now I have shipped live stock for several years and scarcely ever received a bill that did not have the Dold name on it, I knew of course, that the Dold family had made a wonderful success of the packing business.

"I decided to go before the farmers of Michigan with their proposition if they were willing to give my fellow farmers a square deal, but if anything went wrong I would turn the X-ray on them, you bet!"

"They said, 'Watkins, we want you for

tution as we commonly think of the co-ops, but the success depends on the co-operation of our farmer stockholders! \* \* \* I want to say that you little realize the hard work the Board of Directors have done in your behalf. What do you have to depend on but the integrity, honesty and ability of the 15 men on this platform, who have labored day and night to bring about the consummation of this enterprise. They have developed it to its present status, because they are simply stock holders like yourselves. They were not afraid to invite you here today and look you in the eye, because they feel that you must appreciate the result of the great efforts they are putting up in your behalf."

### All Officers and Directors Re-elected!

The entire Board of Directors for the past year were re-elected, and provision was made for the retirement of five directors each year, leaving the working directorate which would change only one third annually. All officers were re-elected to their positions.

The treasurer read the financial statement which was accepted and proved very encouraging to the stockholders.

### Advisory Committee of Fifteen

Provision was also made for the appointment by Mr. Watkins of a special advisory committee of fifteen stockholders and live stock growers to co-operate with him in his end of the work.

Announcement was also made at this meeting that ninety per cent of the stockholders were farmers and live stock growers scattered throughout Michigan.

After the visiting stockholders had been shown over that part of the plant now in operation, including the smoke houses, sausage room and coolers, a buffet lunch was served in the manufacturing building at which all the stockholders had an opportunity of sampling the "Detroit Star Products" which have already won for themselves an enviable position on the Detroit market.

### Send for Complete Report of This Meeting

The complete report of the annual meeting with all the addresses is now in the printer's hands, and will be cheerfully mailed to any farmer or live stock grower in Michigan whether or not he is a stockholder in the company, who will address us a postal card asking for it.

| OFFICERS:                |                               |  |
|--------------------------|-------------------------------|--|
| EDWARD F. DOLD,          | President and General Manager |  |
| HON. L. WHITNEY WATKINS, | Special Live Stock Advisor    |  |
| FRANK L. GARRISON        | Vice-President                |  |
| JOSEPH GARDULSKI         | Secretary-Treasurer           |  |
| BOARD OF DIRECTORS       |                               |  |
| Edward R. Weipert        | Wayne County                  |  |
| Peter Merkel             | Washtenaw County              |  |
| Francis D. Balicki       | Wayne County                  |  |
| August Grunau            | Wayne County                  |  |
| Edward Gardulski         | Wayne County                  |  |
| William Stein            | Huron County                  |  |
| Fred Thoman              | Jackson County                |  |
| E. A. Beamer             | Lenawee County                |  |
| Chas. J. Becker          | Wayne County                  |  |
| E. R. Munson             | Clinton County                |  |
| Edward F. Dold           | Wayne County                  |  |
| L. Whitney Watkins       | Jackson County                |  |
| H. L. Probert            | Jackson County                |  |
| Jos. Gardulski           | Wayne County                  |  |
| F. L. Garrison           | Wayne County                  |  |

that very reason, as a guarantee of your good faith to your brother farmers \* \* \*

"They could have gone out and in half the time sold this stock to brokers but how would the support of the people of Detroit or any other city compare with the backing of a man who produced the live stock? We can't run a packing house without live stock," they said, "and this concern realizes that they can never succeed without your support." \* \* \* This is your packing house, it is in your hands, you put your money back of it and you are going to furnish the live stock from your farms. Your part of the profits therein have first consideration, the work is being carried on economically. This is not a co-operative insti-

## The Detroit Packing Company

PLANT AND YARDS: SPRINGWELLS AVE. and MICHIGAN CENTRAL R. R.

DETROIT



# The Michigan BUSINESS FARMER



An Independent  
Farmer's Weekly Owned and  
Edited in Michigan

SATURDAY, APRIL 30, 1921.

Published every Saturday by the  
RURAL PUBLISHING COMPANY, Inc.

Mt. Clemens, Michigan

Members Agricultural Publishers Association  
Represented in New York, Chicago, St. Louis and Minneapolis by  
the Associated Farm Papers, Incorporated

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## Be Decent Or Beware

IT IS RECORDED that the stockholders of the profiteering United States Steel Corporation have given their unanimous approval of Pres. Gary's labor policies. The principle of which Gary prates, of the right of the individual to work when, where and at what wages he will, without let or hindrance from others, is all right, and should be vigorously defended by all lovers of economic justice. In the case of the steel corporation, however, this otherwise spotless principle is marred by one "damned spot" that will not out. That is the slave system of the corporation which makes a man work twelve hours a day and seven days a week. Whether it is more noble and just for corporations to treat men like dogs than it is for labor unions to dictate terms of employment is an interesting question.

Labor sees in the present attitude of capital a gigantic conspiracy to crush unionism and to shackle labor again with the chains of long hours, low wages and evil working conditions. Capital denies this, but in many cases its actions belie its words. To the man on the street it looks as if organized capital is taking advantage of the industrial depression to "get" organized labor.

We hold no brief for some of the closed shop methods of union labor. Any policy which would interfere with the individual's freedom to bargain away his own labor if he chooses to do so, must be looked upon as a menace to the nation and should not be tolerated for a moment. But it will be a tragic mistake if capitalism seizes upon this weakness in the labor program to club labor unions into submission and reduce wages to less than a living level.

The cry of the railroads, the steel corporations, the mine owners,—big business in general,—is, "labor costs are too high; they must come down." Salaries are never too high; cost of material purchased from corporations in which the directors of railroads, steel corporations, et cetera, hold directorships are never too high; and no management is ever too wasteful which does not interfere with the salaries and dividends of the managers. It is always labor which is too high, too wasteful and inefficient.

No one will object to a reduction of wages if the cost of living comes down proportionately. But in its ill-advised attitude toward labor capitalism seems to have overlooked the all-important question of whether the laborer can continue to support his family as an American family should be supported, on the wages which they propose to pay him. There is dynamite in this situation. The loss of the laborer's purchasing power must be considered, but a more far-reaching effect of a national policy of wage-cutting would be the psychological influence upon the mind of the worker. Instead of communities of happy and

prosperous home owners able to buy the necessities of life, educate their children, and get a little joy out of living, you would have a horde of malcontents. Labor, contented and prosperous, is tractable and willing to make reasonable concessions to help restore normal business conditions. But labor, stripped at one fell swoop of all it has gained in recent years and forced once more to take up the wearisome game of trying to make both ends meet, would be a desperate and dangerous creature to deal with. The tactful, safe and just thing to do is to trim on every other corner and leave wages alone. Be decent to labor, or beware. We want no social revolution in this country.

## Know The Cost

FARMERS WILL be less likely to dump their products on a falling market when they know the cost of producing them. Most farmers think they know their costs. They don't. They only guess at them, and usually they guess too low. The farmer, who sizing up his season's business, finds that he cannot allow himself a decent salary for his labor, set aside a sum to cover depreciation on his property, and pay himself a dividend of ten per cent on his invested capital, has produced at a loss and he might as well recognize the fact. It is during such periods of depression through which we are now passing which jars the farmer into the consciousness that his profits during the fat years were not big enough to tide him over the lean years. Organization will go a long way to secure better prices for the farmers, but nothing will be quite so helpful in preventing over-production and securing a profit on goods produced, as the positive knowledge of what it costs to grow individual crops.

## Grading Farm Products

A JACKSON capitalist proposes to do something which the farm organizations in this state should have done long ago. He believes in Michigan apples. He is convinced that no apple grown has a better flavor, but he knows as everybody else knows that little effort has been made to standardize this excellent fruit and place it on the market in a condition that will attract purchasers. He finds that the reason why Washington and Oregon apples sell at a premium over Michigan apples is because they are carefully graded, of guaranteed quality and attractively put up in boxes. He thinks that if the Michigan apple is "dressed up" a little bit before being introduced to the consuming public, it will make a much better impression, and mayhap eventually displace the western apple in the graces of the eastern buyer. So he proposes to give the Michigan apple a "square deal." He proposes to contract for only such apples as come from trees which have been sprayed a certain number of times. He proposes to grade these apples carefully, wrap them in tissue, box them, and christen them. Thus graded and trade-marked and advertised he hopes to sell them in competition with western apples. Can he do it? The Business Farmer bets one hundred to one that he can.

## The Heavy Hog

THE PACKERS are serving notice to the farmers that the heavy hog will not be wanted on the markets this summer. The reason is not hard to find. During the war an enormous demand was created for lard in every country. That gave an impetus not only to the production of the heavy hog but of vegetable substitutes for lard, of which there are now a number of varieties enjoying more or less popularity in the American kitchen. Lard is positively not in demand at this time. There is enough in storage to carry the country for some time and packers simply will not stock up any heavier at present live stock prices. The farmer is warned that the heavy hog will have a depressing effect upon the livestock prices of the immediate future and he is urged to confine his production to lean pork. How long this situa-

tion will continue is problematical, but it certainly will not improve so long as stocks of lard remain as large as they are at present and vegetable oil substitutes remain in favor with the housewife.

## Crossing Accidents

EVERY OTHER day or so we read of people being hurled into eternity at the fatal railroad crossing. Some times a single individual is the victim, but more often it is an entire family returning home through the dark or rain. Unmindful of the approaching leviathan the careless driver starts across the track with his precious load. There is a glare of light, a grinding of wheels, a terrific crash, and then oblivion. Few people who have been in railroad crossing accidents have lived to tell the story. Fewer types of accidents are swifter, more complete, more sure of their victims. The ironical part of it all is that there is absolutely no excuse for crossing accidents. All are avoidable. The train always runs the same course. It does not swerve nor skid. It never goes out of its way to strike an automobile. The auto driver who crosses its pathway of steel knows that it is a point of constant danger. He knows that if a train arrives at the crossing at the same time he does, there can be only one result. The injunction, "stop, look and listen" would bring an end to crossing accidents if everybody would observe it. The man who does not observe, and who heedlessly crosses a track without first knowing to a certainty whether a train is approaching has no one to blame but himself for the consequences. The excuse that "the engineer did not blow his whistle" may help to put part of the blame on the railway company and secure damages for the surviving relatives, but it will not restore the maimed to health nor bring back the dead. Better be safe than sorry. The next time you read of a crossing accident, ask yourself: "Will the next one be me," and keep that thought in mind whenever you cross a railroad track.

## The Income Tax

THE INCOME tax bill died without a struggle in the Senate last week when the legislature adjourned. After escaping the ax by a narrow shave in the House, it reposed for the rest of the time in the committee on taxation in the upper chamber, of which Senator Vandenberg of Marquette is chairman. Five of the seven members of the committee were understood to be in favor of reorting the bill out, but the Senator from the upper peninsula was obdurate in his refusal.

Asked whether the bill would come out of the Committee Sen. Vandenberg replied: "I would be a crazy fool to report out such a bill. It taxes the farmer and the poor man, but lets the millionaire go scot free."

Sen. Baker's version of the bill is different. "The bill is all right," he said. "It taxes everybody alike, that is according to his ability to pay. The enemies of the bill have tried to kill it by claiming that it would defeat the purpose intended because it exempts corporations. But it doesn't exempt the profits of corporations which are declared as dividends. The fellows who get these dividends would pay an income tax just like everybody else. If you taxed the corporations it would simply mean that the stockholders would not have quite so much tax to pay. I am in favor of the bill as it stands."

The failure of the legislature to submit the income tax amendment to the people does not necessarily mean that we shall have to wait another two years to renew the fight. Petitions signed by twenty per cent of the electorate would make it mandatory for the Secretary of State to submit the question at the fall election. It has been suggested in the event such petitions are circulated to secure petitions at the same time for a tonnage tax. These two sources of revenue should aid greatly in reducing the farmer's tax burden. Both proposals are sound and should have the hearty support of the farmers.





# What the Neighbors Say



## A HOME FOR THE HOMELESS

YOU PERHAPS will be interested to know some of the things which transpired at the meeting of the State Association of Supervisors, held at Lansing, February 8, 9, and 10. A very enthusiastic gathering, especially this year with our legislature in session. Let me detail and point out one of the things that impressed a majority present.

Judge Collinwood's address on the "Crime Wave," should be repeated far and wide. He called attention to the proposed capital punishment act and gave details. "But," said the judge, "will this law solve the situation? Most emphatically no. We must get to the source of the trouble. We must start with ourselves, an undaunted spirit to do and live right, thus by our example and principal can we have faith in our present generation and the generation unborn. Our boys and girls are the real problem for solution. The state institutions for them are over-crowded and why? Because we have forgotten that the baby of today becomes the man or woman of tomorrow. The seed corn of today is the choice of last year's crop, and unless we choose carefully, the yield will be inferior. The soil will be well worked and the crop must be cultivated thoroughly. Care and attention will be the successful farmer's watchword."

Let me ask, kind reader, have you ever given this subject of the children any extended consideration? Would you care to help solve the crime problems by making a home and education? This is also the time for those who are blessed with youngsters of their own to see that nothing is left undone to retard their normal development. Tomorrow we have honorable citizens or state charges.

The present institutional child, or those which are confined in our state schools or institutions, lose the touch of home, that mothers kindness of heart, that influence of father, which every boy emphasizes when he exclaims, "My pa." If you would do your duty for those kiddies and contribute your mite for a better commonwealth, get in touch with Mr. Murray of the State Board of Corrections and Charities, Lansing, Mich., or your county agent.

And by the way, folks, what kind of a county agent have you? Is he a kind, considerate, big-hearted and honest individual or one who measures every effort from the dollar standpoint? Or is he just a petty politician? If so demand a change, our boys and girls come before politics.—Chas. F. Klump, Supervisor of Iosco County.

I am sorry, friend Klump, that we couldn't find space for your good letter before. I think Judge Collinwood is entirely right. There would be no crime if there were no criminals and there would be fewer criminals if society, meaning you and me and the other fellow, would see that the children of the land are properly reared under the proper surroundings. It's pitiful to think that there are so many little children without homes and parents when there are so many lonely homes and parents without children. Farm folks, if you haven't any children and your heart is hankering to do a good deed, act upon Mr. Klump's suggestion and write to Mr. Murray.—Editor.

## HOPES FOR WORLD CO-OPERATION

I AM REALLY pleased with the policy of M. B. F., especially from the fact that it usually takes up the cudgel in defense of the common people, and instead of pumping us full of new methods showing how to make two blades grow where one has been growing, endeavors to help us see how to dispose of what we have to best advantage. I have been especially interested in the editorials, and the letters from the neighbors and I want to ask a question: Can anyone show me another farm paper that doesn't color their editorials, their reading matter, and with their advertisements show that they toady to the millionaire class really more than to the farmer whom they

presume to represent? I was especially pleased with a recent editorial telling us about big paying ads. which had been turned down, and when an editor has the real nerve to do that, it certainly proves him true blue, for that is the effective weapon of big business in their efforts to weed out the really worth while periodicals which otherwise might give us the facts of present conditions.

Trusting that M. B. F. may continue in the path it has started to follow, and that the editor may never yield to the lure of the "big ads," I am yours for efficient co-operation, not only among farmers, but of the nation, and finally in the time which is to come, when we can say the same of the whole world; in fact the Co-operative Commonwealth and the Brotherhood of Man.—O. D., White, Clare County.

Your approval is encouraging. It does take a little courage sometimes to follow a course which may cost you a large and needed revenue. It is so easy to take the middle of the road. Most other papers do it, and their subscribers never say a word. Don't think that all advertisers are small enough to try to control the editorial policies of the papers they patronize. Most of them are big men mentally and morally, and broad-minded enough to respect a publication that has opinions. It is only now and then that we run against an advertiser with a one-track mind and a narrow-gauge soul who insists that your editorial policies conform to the necessities of his pocket-book.—Editor.

## TEXAS OIL PRODUCTS CO.

THE TEXAS Oil Products Company recently asked the State Securities Commission permission to increase its capital stock and although there are a number of protests on file with the commission, the commission states that the company has filed its statement and that is all that can be done about it.

The following facts taken from the report of the Texas Oil Products Company look as if the Securities Commission was not organized to protect the public against "blue sky" promoters—but was actually holding the bag to help milk the public.

The information on file at Lansing shows that the stockholders at Waxahachie are few in number and some of them employees and none for any large amount. Also that the officers of this company are not large stockholders at all. Nor does this report which is largely taken up with a junket show what relation to it the Bostaph Engineering Company of Detroit holds—although Mr. V. M. Chatfield is said to be an engineer for the oil products and seems to hold a position as engineer for the Bostaph Engineering Company.

At the bottom of page six of the report of the junket it is said that practically the total authorized capital stock of \$850,000 had been subscribed for, but the financial statement on the last page says that the authorized capital stock is \$850,000—less unissued \$363,600 leaves \$486,400 and the capital stock subscribed is \$250,930 or total liabilities of \$746,330. It is clear to any person familiar with statements that \$486,400 issued is not near the whole of \$850,000. The assets side of the statement shows that among the nominal assets are subscriptions to capital stock \$186,117.81 is the unpaid balance of capital stock subscriptions totaling \$259,930 which appears under the liabilities. These are nominal assets because the stockholders may not complete their payments.

Their permanent assets amount to \$388,694.27 which includes all monies paid for real estate, building material, machinery and apparatus but under nominal assets they show \$108,212.06 and represent all expenses of the company from organization such as salaries, rent, heat, light, traveling expenses, brokerage fees on stock sold, printing, etc.

It is quite the custom to list prepaid insurance, prepaid rent, or other items of expense which are paid in advance as deferred charges to op-

erations. But to list this mess of expenses as assets leads me to compare the fact that this concern has taken in up to December 31, \$528,479.67 and with that intake they have not even a 600 barrel refinery, and seem unwilling to predict when they will have. But another refinery of 4,000 barrels capacity has been built in the immediate vicinity of this company with an expenditure of \$350,000 and it is paying dividends.

Whether the Bostaph Engineering Company is using the Texas Oil Products Company as an experimental work bank it is not possible to say—for the information obtainable is hard to drag out and the officers are not heavy stockholders.

If I remember rightly the Secretary in Detroit has 100 shares. If the great stronghold of this company is that they have passed the inspection of the Public Securities Commission and that they have been allowed to increase their capital stock in face of the complaints on file at Lansing—it amounts to nothing and the Securities Commission ought to be abolished. The character of the letters sent out by the Commission indicate that it is a waste of taxpayers money.—Ezra R. I. Averill, Kent County.

We are glad to have this information. We have had some inquiries from our subscribers about this company. I myself have thought that the Securities Commission is not always as careful as it should be in granting licenses to sell stock in Michigan, as an unusually large percentage of companies financed with the sanction of the commission have failed outright, and subsequent investigation showed that they had little chance to succeed. The commission should not be abolished, but the law should more explicitly define what concerns it may and may not license to sell stock to the unwary public.—Editor.

## FARM BUREAU SALARIES

NOTICE that one page in your excellent paper is free to those who wish to voice their protests against measures that call for remedies. I am a member of the Washenaw Farm Bureau and on joining was told that it was for the benefit of farmers alone and would not be under control of capitalistic influence and would better conditions for the farmers and enable them to reduce the excessive burdens imposed on them higher up. Instead we are expected to pay the enormous salaries to the officials of the organization far beyond what would abundantly compensate them for their work connected with it.

There are numbers of efficient, capable men that would do the work for a just compensation, and would have some object in view besides the selfish one of enlarging their bank roll. Christ says "With what measure ye mete it shall be measured to you again and also." What shall it profit a man if he gain the whole world and lose his own soul, and that he is not slack concerning his promises as some men count slackness.

Evidently they have lost faith in everything they cannot grasp, and rise for their own benefit. I verily believe that if the millenium could be ushered in by the votes of the people, thousands would vote against it. Justice is a word not found in their vocabulary. Justice and honor should be the moving principle in any organization if success could be assured.—Mrs. A. A., Milan, Mich.

The subject of farm bureau salaries was discussed in last week's issue, after your letter was written. Probably there are men whose only interest in organizing the farmers is to secure an easy job, but I don't think it would be fair to claim that this is the aim of all or even a large part of farm organization workers. Some men will give their lives in serving a cause. Other men will not turn their hand over unless they are paid for it. Still others start out with the most unselfish motives, but the opportunity comes for turning their position into a financial advantage and they are unable to resist it. Thousands of good, well-meaning men have been ruined and turned from a glorious career of service to mankind simply because they fell victims to the lure of the dollar.—Editor.

## PREFERS PRESENT PLAN OF COUNTY GOVERNMENT

I WAS INTERESTED in the recent articles in the M. B. F. regarding the commission form of government now agitated for the counties of Michigan and as the editor kindly requested further discussion will give a few reasons why I think the change should be opposed by the agricultural townships.

First, because it would break old and well established usage that has always worked out fairly well.

Second, because it would probably mean great inconvenience to those who lived 20 or 25 miles from the county seat.

Third, I think it can be clearly demonstrated that it would add materially to the expenses of the taxpayers both in time and money.

Of course we do not know on just what basis the commission would be organized, but judging by what we have seen done in other progressive movements that have been foisted on a gullible public we could safely bet there would be no reduction in cost. As we understand it there would be from 3 to 5 commissioners to each county, and of course these men being selected from the leisure class would require a salary commensurate with their ability, anywhere from \$2,500 to \$4,000 each. And then they would require offices, stenographers, janitors, etc. Well, here is 5 commissioners at say \$3,000 each, \$15,000 and then we might add \$5,000 for other expenses or \$20,000 total. These men being appointed two or more years and if elected perhaps three to five years, a new one to be elected each year. If elected they would naturally come from the villages or most populous parts of the county and other portions of the county would be likely to get very little consideration.

As a point in the case I can cite our own experience in the county. We have had a county road system for 20 or 25 years and in that time the southern half of the county has had one commissioner for 3 years, as a consequence the roads in three southern miles of the county have not had a dollars worth of work done by the county, although some of the heaviest farm taxpayers live in that part of the county. This shows how selfish and unfair men can be who are usually considered honest, upright citizens.

Now as to the present mode of government. The supervisor and other town officers are our neighbors and they understand conditions. They are elected for a year at a time; they do not expect to get a living out of their offices. We are in close touch with them in the country; they are usually farmers. Public funds are distributed through the county. If you have an order the township treasurer is convenient; if you want to pay your taxes it is the same, you do not have to make anywhere from 20 to 40 miles to do your business. Rural supervisors in this part of the state get from \$200 to \$300 per year and do their own work. There is no cost for office rent; the whole county is fairly represented; there are from 12 to 16 supervisors to the county. Mr. Taxpayer compare your 16 supervisors at \$300 with 5 commissioners at \$2,500 to \$4,000 with other expenses added and then choose.—J. A. Battenfield, Wexford County.

County commissioners would, of course, be elected the same as county officers. In many instances they would probably take the place of both county officers and supervisors. Their offices would be in the county court house. They would have charge of purchasing all county supplies. All county authority would centralize in their hands. They alone would be responsible for efficient and economical administration of county affairs. It is probably true as you suggest that the more populous townships would swing the elections of commissioners as they now do county officers. But that is true of any election.—Editor.





# The Farm Home

## A Department for the Women



Edited by MRS. GRACE NELLIS JENNEY

**FROM THE HAND OF A CHILD**  
TO OUR REGRET, we do not know who wrote this exquisite prose poem, "I Am Music."

It was sent to us by the supervisor of Music in a certain town in Pennsylvania, and this is the way it came to him: One afternoon as he was leaving the school building, a rough looking little chap—a typical seventh grader, came up to him. "I've been waiting to see you, sir," he said, his face beaming. "I found this about music in an old newspaper. I liked it and I-I thought you'd like it too, so I've brought it to you." And he handed the Supervisor a crumpled newspaper clipping which contained this beautiful tribute to music:

### I AM MUSIC

"Servant and master am I; servant of those dead, and master of those living.

"Through me spirits immortal speak the message that makes the world weep, and laugh and wonder and worship.

"I tell the story of love, the story of hate, the story that saves and the story that damns. I am the incense upon which prayers float to heaven. I am the smoke which falls over the field of battle where men lie dying with me on their lips.

"I am close to the marriage altar and when the graves open I stand nearby.

"I call the wanderer home; I rescue the soul from the depths; I open the lips of lovers and through me the dead whisper to the living.

"One I serve as I serve all; the king I make my slave as easily as I subject his slave; I speak through the birds of the air, the insects of the field, the crash of waters on rock-ribbed shores, the sighing of wind in the trees, and I am even heard by the soul that knows me in the clatter of wheels on city streets.

"I know no brother, yet all men are my brothers; I am the father of the best that is in them, and they are fathers of the best that is in me. I am of them and they are of me. For I am the instrument of God—I AM MUSIC."

The American Book Company have printed this tribute to music and the account of its finding and sent out a number of copies. It contains so much of beauty and truth that it is worth passing on to some one else.

### ON COUNTRY LIVING

**H**OW TO KEEP up-to-date, happy and contented and still live in the country is a topic that comes close to our daily lives and is of much importance to the welfare of the nation.

How to live in a city, on a moderate income, in an apartment, sometimes labeled "the hole in the wall," and breathe the smoke-laden air and look out of your dining room windows over a neat and orderly row of your many neighbors' garbage pails, how to obtain standing room on a street car at five o'clock and wait in line for everything from making a deposit at the bank to procuring food for the inner man and be healthy and happy and have a big vision—well, that is another story. We are chiefly concerned with the first proposition.

Living in the country is not what it used to be. Times have changed here as elsewhere. There was a time when, to quote a well-known authority, "The women churned, spun, wove, dyed, made clothes for a family of twelve and finished their days in an insane asylum." The old days have passed—peace to their ashes.

We will never see them return.

Rural delivery of mails, telephone, quick transportation and modern machinery have changed the old plan

and relieved the drudgery. But every road worth while opens wider and stretches farther as we advance and much, to make country living entirely satisfactory, has yet to arrive.

The small town has some advantages over either extreme and the farm that lies in close proximity to it has church, school and social life at its door to relieve any feeling of isolation that applies to areas not thickly settled. Community life is necessary for all around development.

### DEVIL FOOD CAKE

**O**NE cup brown sugar, 1 egg, butter size of egg, 1 cup sweet milk, 2 tablespoons cocoa, 1 1-2 cups sifted flour; beat this up; dissolve 1 teaspoon soda in 1-2 cup boiling water, pour in, season with vanilla, salt to taste, bake in moderate oven. Bake in square tin.

### Mock Angel Food Cake

1 cup granulated sugar, 1 1-2 cup flour to which 2 teaspoons baking powder has been added. Over this pour 1 cup scalded sweet milk, beat this up real good, fold in the whites of two eggs, add flavoring and salt and bake in a moderate oven.

### White Icing

1 cup granulated sugar, white of

one egg, 4 tablespoons cold water. Beat up in top of double boiler. Be sure water in lower vessel is boiling before setting in, beat with egg beater for about 8 minutes, take out and whip until cool. This is just grand when made right. It never hardens. Cocoa can be added or the top covered with coconut.

### Oatmeal Cookies

1 cups sugar, 2 eggs, 1 cup sour cream, 1 teaspoon soda, 2 cups oatmeal, 2 teaspoons cinnamon, 2 teaspoons vanilla, 1 teaspoon salt. Flour enough to let drop nicely.

### Molasses Cookies

2 cups sugar, 2 eggs, 1 cup shortening, 1 cup molasses, 1 teaspoon of salt, 2 teaspoons soda, 2 teaspoons ginger, flour enough to roll.

### Scalloped Meat

Cook cheap cuts beef so it falls from bone, pick apart, put in cracker crumbs and sweet cream, put in stock from meat, season with salt and pepper, beat up some eggs and add too if liked. This is a dandy way to fix meat for the threshers as it is cheap and every one likes it.

These recipes are all very good. Hope they will help some of the readers of the M. B. F. If these are printed I will send some more.—A Reader of the M. B. F.

## Coat, Sweater and Hat

**F**OR THIS good looking coat-sweater use six balls of Hunter's green or myrtle green wool, Fleisher's knitting yarn or prospect wool may be chosen and three balls of cream white Thistledown or Eiderdown wool. It may also be developed in dark blue and white, two shades of brown or light gray and dark blue. The hat should match the coat. If you choose your colors to match some skirt you can have a very good looking spring and summer outing suit. A rather firm wool should be chosen. The directions are for size 36: Cast on 80 stitches for back, knit 20 ridges. Decrease to 68 stitches, put 25 stitches on an extra needle, bind off 18 stitches for neck with the remaining 25 stitches start one front. Increase 1 stitch every 4 rows toward front until you have 40 stitches on needle, knit to

desired length, bind off. For sleeve. Pick up 60 stitches around armhole. Knit 18 ridges, knit 2 stitches together on 18 inch row and every 4 inch row until sleeve measures 9 inches having 46 stitches on needle, then knit 1 purl 1 to required length, forming a deep cuff. Then knit the other front as per direction for first front and pick up 60 stitches for other sleeve. Sew up sleeve and under arm seams.

For collar, cast on 15 stitches, knit plain for 80 ridges or longer if desired then cast on 15 stitches more for wide part of collar and knit the length to go around neck and down to bust line. Bind off 15 stitches and knit other end of scarf.

For cuffs: Cast on enough stitches to go around sleeve and knit 3 inches. Sew up cuffs and slip them over the waist basting them on the sleeve. Collar and cuffs if white should be basted on as they can then be removed easily and washed.

If these directions are not clear, write me—I have made this sweater twice and am ready to give further instructions.—Editor.

Turban: 3 balls one color, one ball contrasting color. Crown: With main color ch 3, join, 6 s c in ring. 2nd round: 2 s c in each st, taking up both loops of st below; 3rd round: 2 s c in first st, 1 s c in next; repeat from \* around. 4th round: \* 2 s c in first st, 1 s c in each of the next 2 sts; repeat from \* around. Continue in this way to increase in the same 6 places on every round, until there are 7 sts between increases. Work 2 rounds even; increase in every 8th st for 3 rounds, then in every 11th st for 3 rounds, then in every 11th st until piece measures 7 inches in diameter. Work even until crown measures 8 inches from center to edge; 5 rounds even, taking up back loop only of st below; finish with a round of 1 sl st in each st and fasten off. The 5 last rounds will roll up.

### Trimming

With main color and knitting needles cast on 15 sts and k in garter st for 30 inches. Make a duplicate piece in contrasting color, twist the bands loosely as shown in illustration and tack to crown. Both crown and trimming may be brushed slightly with a Fuzzywool brush.

### BUNS

**I** SEE so many fine bread recipes I thought to myself, why not add a few buns.

Save 1 large cup of your dough, add to it 1 cup warm water, 1-2 cup sugar, 1 heaping tablespoon butter, large measure, mix these thoroughly with the hands until all is smooth and add flour to make a dough which can be handled without sticking to hands. Put this in the pan again allowing it to raise in cool place. Do not hurry this dough; even if it is left till next day. Should the dough raise enough to make into buns at the hour of bed time, take the mass out on the bread board and use the rolling pin, making the dough not over 1-2 inch thick, cut with biscuit cutter, fold 1-4 of the way over and place in tins until morning, setting in cool place. Bake a light brown. Serve either warm or cold for breakfast. Dried currants are a fine addition.—Mrs. G. S., Pierson, Mich.

## The Question Box

**M**RS. A. T.: You can sell the peppermint in the summer to the butchers and grocers as most people want it with roast lamb. It retails for 15c a bunch. Ask all the questions you like, we are here to answer the best we can. Being a subscriber to this paper gives you all the privileges.

Who has the recipe for salt-rising bread? There are many requests for it.

### A FEW SIMPLE MENUS FOR INFORMAL DINNERS

#### Fruit Cocktail

Lamb Chops Potatoes, au Gratin  
Creamed Peas with Carrots  
Head Lettuce, French Dressing  
Toasted Crackers Cream Cheese  
Coffee

#### Halves of Grapefruit

Roast Chicken Mashed Potatoes  
Boiled Onions in Cream  
Currant Jelly, Pickles  
Coconut Cream Pie  
Coffee

#### For Evening Parties

Jellied Chicken  
Lettuce and Nut Salad  
Thin Bread and Butter Sandwiches  
Charlotte Russe or Small Cakes  
Coffee

Sliced Cold Tongue Nut Sandwiches  
Potato Chips

#### Individual Jellies Cake and Coffee

Housekeeping and cooking are important and complicated enough to belong to the professions. Experience is perhaps the best teacher but one may always learn from another so I suggest that each reader of our department send in sooner or later her favorite recipe or some bit of information that her experience has taught her is valuable. It has occurred to me that it might be a nice idea to procure a blank book and paste in the recipes from our page. We could call it the M. B. F. Cook Book. Each recipe would have this qualification: It would have been tried by some one who found it good. Then "Helpful Hints" could take up the last half dozen pages.

### A LOTION

If the lines are beginning to show in your face and the flesh does not seem firm try this delightful lotion. Wash the face and neck well with warm oatmeal water and then gently rub in one tablespoonful of sweet cream to which has been added one teaspoon of lemon juice. It is guaranteed to bring results.





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### LITTLE LIVESTOCK ADS.

IN M. B. F.

DO THE TRICK

### A WORD ABOUT RENEWING!

When you send in your renewal it will pay you to do two things.

- 1.—Enclose the address label torn from the front cover of any recent issue of M. B. F.
- 2.—Send money in check, money-order or registered letter.

The first avoids our entering your name as a new subscription and thus sending you two papers every week and bothering you to pay up the old subscription.

The second avoids the possibility of your money going astray in the mails or being lost. We often have our friends write us that they sent currency or stamps, which we cannot find any trace of, but money sent by mail in any of the above forms, are a receipt in themselves, or if lost, can be secured.

The change in date of expiration following your name on the address label is your receipt, and in the busy spring months, when our mails are loaded with renewal and new subscriptions it generally takes from two to three weeks to acknowledge your remittance and correct your date.



### ALWAYS ADDRESS ALL LETTERS

UNCLE NED,  
MT. CLEMENS,  
MICHIGAN  
Care of  
Michigan Business Farmer

**D**EAR CHILDREN: I have been making a garden and what a time I have had. All winter long, every winter, I look forward to spring when the birds come back and wake me up in the morning singing outside my window, the leaves come out on the trees and the time when I can make garden. You have seen your dog roll in the fresh dirt haven't you? Well, that is just the way I feel like doing because the fresh turned earth smells so good. Then after everything is planted what fun it is to watch the little plants come through the ground and grow day by day until they are mature vegetables. As I see this happen I think what a wonderful thing the earth and its living things are, and the time and care God must have taken to make it all.

I am getting to be a popular person at our offices with the mailman. I am receiving more and more letters every day; if this keeps up I will be receiving more letters than any one else here. At present I get more than the majority at our offices do. And what interesting letters I have received the past two or three weeks. That New York state girl certainly started something when she criticized our page. I am printing a few of the letters this week and intend to use more each week. I am sure when she reads them she will only be too glad to join us.

Mrs. Gugel, mother of Levi Gugel, whom I wrote about last week wishes me to thank my nieces and nephews who wrote to Levi and her, for their letters. I feel sure it gave you as much pleasure to write the letters as it gave them to receive them.—UNCLE NED.

### OUR BOYS AND GIRLS

Dear Uncle Ned:—I am 13 years old and in the 7th grade at school. I have eleven brothers and sisters. I live on a 120 acre farm. I have light brown hair and blue eyes. I like the Children's Hour. I wish some of the girls and boys would write to me.—Nellie L. Scheltens.

Dear Uncle Ned:—May I join your happy circle? I am a boy nine years old and go to school every day and am in the third grade. I have two sisters and two brothers. For pers I have a dog named Buster. My father takes the M. B. F. and we like the paper fine also the Doo Dads. They are funny little fellows.—Earle Lee Ballagh, Uby, Michigan, Route 1.

Hello Uncle Ned:—Here are two more that want to join your circle. We are school chums and are in the eighth grade. We are going to write the examination soon and we hope to pass. We have a missionary society for children from eight to sixteen years in our neighborhood, called the "King Her-alds." We have twenty-seven members now and help support a mission in India. In about three weeks we are go-

ing to have a social to pay for one of our Life Members. We wish you and our cousins could all be there. We would like to hear from some of our cousins. From your nieces. — Leta Stickney and Mary Klink, Eaton Rapids, Michigan.

Dear Uncle Ned:—I am a farmer boy 8 years old and am in the 4th grade at school. We take the M. B. F. and I like to read the Children's Hour. I have a sister that is 6 years old and in the first grade. My father owns an 86 acre farm and has 8 cows, 6 pigs, and 2 horses.—Stuart Davis, Box 64, R. F. D. No. 2, Dryden, Michigan.

Dear Uncle Ned:—May I join your merry circle? I am a farmer boy 10 years old and in the fifth grade. We have 4 horses, 1 milch cow, 5 heifers, and 2 calves. One of the calves is mine and her name is Beauty. My father has taken the M. B. F. ever since it has been published and we like it very well. I am glad to see the Doo Dads back again. For pers I have 2 rabbits and 2 cats. Your friend.—Merl M. Almy, Six Lakes, Mich.

Dear Uncle Ned:—We saw the letter in the M. B. F. from Veda and Velma Henderson, and as we are twins, we thought we would like to write too. Our names are Gerald and Geraldine. You see one of us is a boy. We are nine years old and in the third grade at school. We have one sister, fifteen years old. We live on a 300 acre farm and have lots of fun playing together.—Gerald and Geraldine Olmstead, Nashville, Michigan.

Dear Uncle Ned:—I wrote a letter and sent it to you. The following week after it came out in the M. B. F. I received 19 letters. Now you know I could never attempt to answer all those letters so that is the reason that some of the children who wrote to me never received an answer. If those who wrote and received no answer will please pardon me I will hope to be their M. B. F. friends all the same. Lovingly.—Mary Frances, Scott, Mich.

Dear Uncle Ned:—I am a girl 12 years old. I have written once before and saw it in print so I thought I would write again. We once had a dog whose name was Jip, that we had raised from a puppy. My sister and I each had a long red stocking cap that we wore. Now Jip was full of fun and would sneak up behind us and jump up and take the end of the cap in his teeth and would pull it off. He would then run off as fast as he could with the cap in his mouth. We would try to catch him but he would not let us. If we would go into the house and not pay any attention to him he would go and lay down and play with it and bite holes in it. After a while he would go away and try to find something else to torment us with. This is one of his old tricks. He had many others. I will close with a riddle. Why is the pig the most provided for of all animals? Answer: Because he always carries a spare rib with him. Your niece—Thelma Slade, White Cloud, Mich., R-4.

Dear Uncle Ned:—Hello! It has been quite a while since I have written to your merry circle. We wrote to Laddie then. The Doo Dads are what attract my attention; then I keep right on and read every letter. We have not received this week's paper yet; but I expect to be the first one to read it if I am at home when I get it. For pers I have two cats. One of the cats belongs to my brother. We live on a 60 acre farm. We have two horses, a cow two calves and twenty-four pigs. We had one hundred and two pigs last summer. I have two brothers whose names and ages are Silas, 17; Paul, 22, and my age is 10. Paul is not at home now. He is going to college at Upland, Ind. He will graduate from college this year and Silas will graduate from the twelfth grade and leave me ready for the seventh grade if I pass (which I hope to do.) I love school and so do the boys. I hope to go to college some day. Hoping Doc Sawbones will find some way to keep his goats at home. I am affectionately your niece.—Phoebe Evangeline Dunlap, Lupton, Michigan.

### Belonging to a Pig Club

**W**HEN I first got my pig she was a scrawny looking little thing. Everybody laughed at her and said "that was some pig for \$25." After I had her for a few weeks she was a general favorite, even with the dog. I named her "Black Beauty" because she was so black. At first the name did not seem very appropriate for she was no beauty, but now it fits her very well.

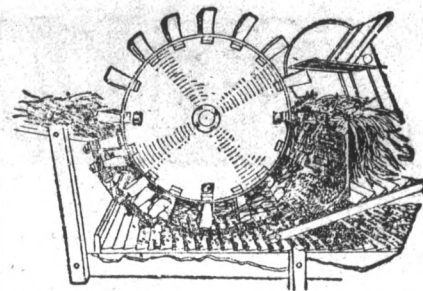
When she was small I would call her into the barn and on the scales and she would lay there while I weighed her. But in a little while she got so big that the scales was not big enough for her to stand on. If she was out in the yard and anyone came near her she would lay down to be petted. She always was

rather particular about what she ate. She would not drink water unless there was a little milk in it.

I showed my pig at the County Fair and got first prize in the club. Well-bred pigs are better than scrubs because each generation they are bred to something a little bit better, while scrubs are bred to one kind of stock one year and to another kind the next year. Some years they are bred to something a little better and some years to something a little poorer.

Next year I am planning to enter my pig in the sow and litter contest.

Boys that take an interest in their work and attend the meetings, make the best pig club members.—Joseph L. Hickey, Jr., Eaton County.



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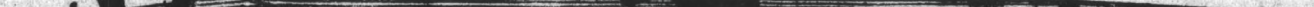
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### MAILING DEPARTMENT

The Michigan Business Farmer, Mt. Clemens, Mich.





# MARKET FLASHES

Edited by H. H. MACK

In the event of a marked business revival and a large export demand, there must be an increase in the vol-

(Note: The above summarized information was received AFTER the balance of the market page is set in type. It contains last minute information up to within one-half hour of going to press.—Editor.)

While lack of money is one of the chief obstacles in the pathway of the program for increased production, it is not the only one; the American farmers, as a class, believe that the present administration will find some adequate solution for the problem of freight transportation. An equitable adjustment of freight charges, upon leading farm crops and kindred products, is the greatest question with which the present administration has to deal; our agricultural production program awaits the solution of this problem.

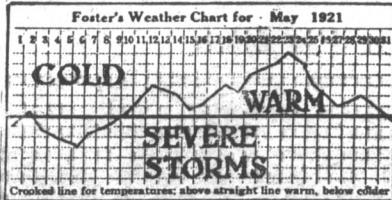
| WHEAT PRICES PER BU., APR. 26, 1921 |         |         |       |
|-------------------------------------|---------|---------|-------|
| Grade                               | Detroit | Chicago | N. Y. |
| No. 2 Red ....                      | 1.38    | 1.36    | 1.54  |
| No. 2 White ....                    | 1.36    |         |       |
| No. 2 Mixed ....                    | 1.36    |         | 1.50  |

| PRICES ONE YEAR AGO |          |            |            |
|---------------------|----------|------------|------------|
|                     | No.2 Red | No.2 White | No.2 Mixed |
| Detroit             | 2.87     | 2.85       | 2.85       |

During the fore part of last week the wheat market took on a more healthy look than it has had for some time and as a result prices advanced and continued to climb higher the remainder of the week. Many believe the liquidation in the grain market has about run its course and we are due for better markets from now on. Both milling and shipping demand were quite active last week; the eastern milling business in Michigan wheat was a feature of the

As Forecasted by W. T. Foster for The Michigan Business Farmer



WASHINGTON, D. C., April 30, 1921.—High barometers bring low temperatures and, low, barometers bring high temperatures. It is the rule to leave out the word barometer, but always use the word temperature with the words high and low. The high is also the cool wave and the low is the storm center. To say high temperature is equal to saying low barometer, but the last cumbersome word is usually left out. My published charts for April indicated that the most severe storms of the month would begin in the northwest near 16th. Close hit.

Calculations indicate that the lows

## CORN

| CORN PRICES PER BU., APRIL 26, 1921 |         |         |         |
|-------------------------------------|---------|---------|---------|
| Grade                               | Detroit | Chicago | N. Y.   |
| No. 2 Yellow ...                    |         | .61 3/4 | .82 3/4 |
| No. 3 Yellow ...                    | .67     |         |         |
| No. 4 Yellow ...                    | .64     |         |         |

| PRICES ONE YEAR AGO |            |            |
|---------------------|------------|------------|
|                     | No.3 Yell. | No.4 Yell. |
| Detroit .....       | 1.78       | 1.73       |

Demand for corn also picked up last week and prices went higher. It was reported the business was all domestic but later it was yearned that Germany and Italy were purchasing. Chicago sold 3,670,000 bushels to exporters. Receipts at Chicago were 597 cars but they were inadequate to supply the demand and stocks were drawn on quite heavily thus reducing the visible supply and strengthening the market. Corn slumped along with wheat the first day of the current week and prices at Detroit were off 2 cents.

## OATS

| OAT PRICES PER BU., APRIL 26, 1921 |         |         |       |
|------------------------------------|---------|---------|-------|
| Grade                              | Detroit | Chicago | N. Y. |
| No. 2 White ...                    | .44     | .39 1/2 | .49   |
| No. 3 White ...                    | .42 1/2 | .38 1/4 |       |
| No. 4 White ...                    | .39 1/2 |         |       |

| PRICES ONE YEAR AGO |            |            |            |
|---------------------|------------|------------|------------|
|                     | No.2 White | No.3 White | No.4 White |
| Detroit             | 1.13       | 1.12       | 1.11       |

Oats sympathized with other grains all last week and is continuing to do so at the present time. As a rule, grains are like a flock of sheep; what wheat does the others do also. Export demand, along with increased eastern business, helped oats to rise.

## RYE

The only grain showing lower prices than those quoted on this page last week is rye and that is off 1 cent at Detroit where No. 2 is worth \$1.34. This grain advanced last week along with other grains but went lower on the opening of the current week.

| BEAN PRICES PER CWT., APR. 26, 1921 |         |         |       |
|-------------------------------------|---------|---------|-------|
| Grade                               | Detroit | Chicago | N. Y. |
| C. H. P. ....                       | 3.35    | 4.25    | 4.40  |
| Red Kidneys ....                    |         | 9.50    |       |
| PRICES ONE YEAR AGO                 |         |         |       |
| Detroit .....                       |         |         | 7.50  |

There has been two advances in the Detroit bean market the past week, one of 5 cents and one of 10 cents. A better demand and larger consumption was noted in this market for a few days. Monday of the present week, manipulation forced the price down 10 cents.

## POTATOES

| SPUDS PER CWT., APRIL 26, 1921 |        |      |
|--------------------------------|--------|------|
|                                | Sacked | Bulk |
| Detroit .....                  | 1.17   |      |
| Chicago .....                  | .96    | 1.00 |
| New York .....                 |        | 1.24 |
| Pittsburg .....                |        | 1.20 |

| PRICES ONE YEAR AGO |        |
|---------------------|--------|
| Detroit .....       | \$8.00 |

Receipts of old potatoes have dropped off some and the market is firm; higher prices will be noted at some terminals. Reports from Maine show large holdings in that state and a probable shipment of 6,000 to 6,500 cars between now and the end of the season, the volume to depend on the course of the market.

## HAY EASY

|           | No. 1 | Tim. | Stan. | Tim. | No. 2 | Tim. |
|-----------|-------|------|-------|------|-------|------|
| Detroit   | 20.00 | 21   | 19.00 | 20   | 18.00 | 20   |
| Chicago   | 22.00 | 24   | 20.00 | 21   | 18.00 | 21   |
| New York  | 31.00 | 31   |       |      | 26.00 | 30   |
| Pittsburg | 22.50 | 23   | 20.00 | 21   | 18.00 | 19   |

|           | No. 1      | No. 1       | No. 1  |
|-----------|------------|-------------|--------|
|           | Light Mix. | Clover Mix. | Clover |
| Detroit   | 19.00      | 20          | 17.00  |
| Chicago   | 22.00      | 21          | 18.00  |
| New York  | 29.00      | 29          | 24.00  |
| Pittsburg | 18.00      | 19          | 18.00  |

| HAY PRICES A YEAR AGO |       |      |       |      |       |      |
|-----------------------|-------|------|-------|------|-------|------|
|                       | No. 1 | Tim. | Stan. | Tim. | No. 2 | Tim. |
| Detroit               | 37.50 | 38   | 36.50 | 37   | 35.50 | 36   |

|         | No. 1      | No. 1       | No. 1  |
|---------|------------|-------------|--------|
|         | Light Mix. | Clover Mix. | Clover |
| Detroit | 36.50      | 37          | 35.50  |

## LIVE STOCK MARKETS

The Chicago cattle market was on the skids again, last week, the cause being the presence of more cattle than the trade needed; total receipts for the week were 60,405 being 12,500 more than came to hand during the previous week. This does not seem to be a large increase but it should be remembered that the arrivals of the week before were excessive; when the discouraging condition which the trade has to deal with, are taken into consideration, an increase of more than 2,000 head per day is of vital importance. Butchers cattle were off just about as much as steers, the loss in both of these departments for the week being 50 to 75 cents per cwt. Some choice heavy cows were \$1 lower. Light handy cows and heifers showed a net loss of from 25 to 50 cents for the week. The exceptions to the break in prices were found in the bull, canner and cutter divisions where prices were around 25 cents per cwt. higher for the week. The top price for mature steers was \$9.25 but the same kind sold later in the week for \$8.65. The top for yearling steers was \$9.60 per cwt.

The general average price of good beef cattle, last week, was 15 cents lower than for the week before and \$2.05 lower than the ten year average for the corresponding week since 1910.

The most encouraging feature of last week's cattle trade, at Chicago, was the purchase of 2,183 head of heavy steers for shipment to England and other points in the British Isles.

Chicago got 93,275 sheep and lambs, last week, being 5,500 less than for the previous week but 35,000 more than for the corresponding week one year ago. There were 22,600 "directs" in last week's arrivals compared with 34,000 the week before. A band of California spring lambs, numbering 1,698 came to



hand and sold for \$12 per cwt. Last year, the first shipment of springers came to hand on May 4 and went to Armour & Co. at \$20 per cwt. with a light end out, at \$17.50; this year's lambs average 63 pounds and the first bunch, last year, 65 pounds.

Very few aged sheep came to hand in Chicago last week and the quality was the poorest of the season, so far. Handy woolled ewes touched \$7; with fleece off, the range was \$6.35 to \$6.60; woolled wethers, \$7.50; minus the fleece, \$7 per cwt. Shorn yearlings, \$7 to \$8.50 per cwt.

The demand for dressed lambs has been improving in just about the same proportion that receipts have been decreasing and the combination has sent values, in this department, up the line with a vengeance. The Colorado crop of fat lambs is well forward, the falling supply being indicated by the sharp falling off in shipment, direct to the packers from Denver. The top for woolled lambs was \$11.10, being a gain of \$1.25 per cwt. from the top of the preceding week. The top for clipped lambs was \$10.35, paid by a city butcher; the highest price paid by the packers for clipped lambs, was \$10. Exporters took 1,600 lambs of the heavy shorn kind, paying from \$8 to \$9.50 per cwt. The average price for fat lambs was \$9.90.

From Tuesday until Friday, light hogs declined \$1 per cwt.; heavy hogs showed a loss of 50 to 60 cents per cwt. During the week, ending March 26, when hogs reached the extreme high point of the present season, \$11.75, the spread ranged from \$1.10 to \$1.95. Last week's daily range, between common packers and best light, figured from \$2.10 to \$2.60; the week before the difference ranged from \$2.45 to \$2.75.

#### CROOKED COMMISSION FIRMS VICTIMIZE FARMERS

(Continued from page 4)

convinced that it would be fruitless to pursue Ferguson any further for a settlement, we placed this case in the hands of the postoffice inspector, who now reports that Ferguson has gone out of business and departed for parts unknown. The total amount involved in the claims against Ferguson was several hundred dollars, and in the majority of cases the victims were farmers who could ill afford to lose their money.

Now how did these farmers come to ship to Ferguson in the first place? Easy enough. When Cummings left the responsible commission firm he took with him a list of the firm's farmer-shippers. To these he sent out under the name of Cummings & Ferguson a price list and a letter. The letter told of Cummings' former connections and invited the farmer's business. The price list was slightly above the prevailing market. Remembering their former satisfactory dealings with Cummings in his previous connection, they shipped him their poultry, eggs and dressed meat. Some received their returns; many received partial returns; a large number received no returns at all. Ferguson proved to be a crook, and Cummings resigned, leaving a trail of unsettled accounts with farmers who had shipped their goods on the strength of Cummings' reputation. Too bad! Cummings may be an honest man and know the commission business, but he'll never engage in the commission business again if we can prevent it. Ferguson is a thief, and if we ever locate him we'll try to put him where he belongs. But these threats and these promises do not help the hundreds of farmers who have shipped their products to dishonest commission firms to secure their money, nor will they save thousands of other farmers who are not warned from following in their footsteps. What is to be done?

#### More Rigid Laws Needed

Plainly enough dishonest men should not be permitted to engage in the commission business. But how can they be prevented. The BUSINESS FARMER believes more rigid laws should be adopted to regulate the commission business; that no man be permitted to enter the business unless he gives ample bonds to the authorities issuing the license to

protect those who may lose because of his dishonesty or failure. We had hoped to secure the passage of such a law at the present session of the legislature, but on account of the illness of the governor, we were unable to take this step.

The attention of the Detroit municipal authorities have been called to the matter, and we have been promised the co-operation of Mr. G. V. Branch, of the Municipal Bureau of Markets, in weeding out and prosecuting dishonest commission firms. Mr. Branch is familiar with some of the laws of other states regulating the commission business, and believes with us, that more stringent legislation should be adopted in Michigan. Under date of April 19th, we received the following communication from Mr. Branch which speaks for itself:

"I am enclosing two marked copies of The Produce Packer, simply to bring to your attention some of the ways in which irresponsible firms consistently fleece producers. Of course you probably know of these methods but you may be interested to see that the largest and most influential paper devoted to the interest of the fruit and produce trade consistently tries to expose dishonest dealers.

"Over quoting the market is the bait most often used and I feel that farm papers should warn their readers about falling for the unknown firm that promises them better returns than the old reliable houses can give. Also they should be taught to look up the moral and financial reputation of a firm before they have business dealings with it. So far as the firms of this city are concerned, we would be very glad at any time to give growers information with reference to any of the merchants here. Also we will be pleased at any time to advise any producer by mail or by collect telegram regarding the prevailing market price on any product."—G. V. Branch, Director Department of Public Welfare, City of Detroit.

#### FUTURE EXPORT MEAT TRADE WITH ENGLAND

(Continued from page 1)

Africa. The third bull on the Perth price list brought 2,700 guineas and he went to South America. The bulls, mentioned above, were April calves, lacking more than a month of two years old when they were sold. The average for 275 bulls at the Perth sale was 131 guineas; about 15 guineas below the average of last year's sale.

"In the Perth sale, 54 two-year-old heifers averaged 102 guineas, this price being about 42 guineas less than the average at last year's sale. Seventeen aged cows averaged 70 guineas each being the equivalent of about \$280 in our money. Two Angus breeding farms, The Ballindalloch and The Bleaton, furnished the animals of the most outstanding merit at the Perth sale. At the International and at many other of our leading live stock shows we have heard considerable criticism of our American-bred herds of Angus cattle by judges from the other side, because of their coarse heads and rough tail-ends. Now my candid opinion is that, barring a few outstanding exceptions, our home-bred cattle compare favorably with those they are producing over there. I might say in closing that while I had a splendid visit in the homeland I am mighty thankful to be back at Wildwood again."

In conversation with the writer, Mr. Smith alluded in a very interesting way to the breaking into pieces of the great English landed estates which is taking place at this time, incidentally, alluding to the fact that many of these farms are being sold for prices that average but little more than \$100 per acre, yielding less than one-hundredth part of the original cost of the buildings with which they are equipped. In some future issue the BUSINESS FARMER hopes to publish some of Mr. Smith's impressions of rural England, her farm land values, comparative climatic conditions and some of the major problems with which modern European agriculture has to deal.



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**5¢ A WORD PER ISSUE**—3 insertions for 10¢ per word. Farm for sale ads. not accepted for less than 3 times. Twenty words is the minimum accepted for any ad. In this department. Cash should accompany all orders. Count as one word each initial and each group of figures, both in body of ad. and in address. Copy must be in our hands before Saturday for issue dated following week. The Business Farmer Adv. Dept., Mt. Clemens, Mich.

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| 20    | \$1.00 | \$2.00  | 36    | \$1.80 | \$3.60  |
| 21    | 1.05   | 2.10    | 37    | 1.85   | 3.70    |
| 22    | 1.10   | 2.20    | 38    | 1.90   | 3.80    |
| 23    | 1.15   | 2.30    | 39    | 1.95   | 3.90    |
| 24    | 1.20   | 2.40    | 40    | 2.00   | 4.00    |
| 25    | 1.25   | 2.50    | 41    | 2.05   | 4.10    |
| 26    | 1.30   | 2.60    | 42    | 2.10   | 4.20    |
| 27    | 1.35   | 2.70    | 43    | 2.15   | 4.30    |
| 28    | 1.40   | 2.80    | 44    | 2.20   | 4.40    |
| 29    | 1.45   | 2.90    | 45    | 2.25   | 4.50    |
| 30    | 1.50   | 3.00    | 46    | 2.30   | 4.60    |
| 31    | 1.55   | 3.10    | 47    | 2.35   | 4.70    |
| 32    | 1.60   | 3.20    | 48    | 2.40   | 4.80    |
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**FOR SALE—EARLY BROWN SOYBEANS.** \$4.50 per bu., and Michigan Favorite Cowpeas, \$2.75 per bu. ELMER TOBIN, Three Rivers, Mich.

#### GENERAL

**LIGHTNING RODS, EXCLUSIVE AGENCY** and quick sales to Live Dealers selling "DID-DIE-BLITZEN RODS." Our copper tests 99.96 per cent PURE. Write for Agency. Prices are right. L. M. Diddle Co., Marshallfield, Wis.

**DON'T LET YOUR BULL GET CROSS** if he is already so use my invention on him and take it out of him. The best way is to let him wear it before he gets bad, then he is always safe.—Dr. F. B. SHAW, Lake City, Mich.

#### HELP WANTED

**WANTED—FOR GENERAL HOUSEWORK** the assistance of a competent lady. Family of 3 at Northville, Mich. Modern conveniences etc. Write at once stating wages. Address BOX T care Michigan Business Farmer, Mt. Clemens, Mich.

#### AGENTS

**AGENTS MAKE BIG MONEY SELLING OUR** Silos. Write today for catalog and big commission proposition. NAPPANEE LUMBER & MFG. CO., Nappanee, Ind.

## 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 requested.)

### REVENUE MINES EXTENSION COMPANY

Is there a copper mine company located in Goldfield, Nevada, operating under the name of Revenue Mines Extension Company? If not, give me the names of others operating there, if any.—F. K. Pinconning, Mich.

Concerning the Revenue Mines Extension Company, we have to advise we have no information on file regarding the company, and are of the opinion that it is not located in or near Goldfield. We are unable to advise the name of any copper mines working near either Goldfield or Tonopah.—John S. Cook & Co., Bankers, Goldfield, Nevada.

### TEARS DOWN FENCE

A tears down B's half of a good woven wire line fence so that a threshing engine could run over it to field. The engine stood on it for about three hours while threshing and broke over an anchor post. A stapled the fence back where it was torn down but he did not replace the anchor post. C (B's tenant) turns cattle out and they get over the fence and A claims damage. C's contract states that C must repair fence. Now could A collect damages from B and C when he tore down the line fence without permission? Could B or C collect damages for the fence?—Reader, Webberville, Mich.

I am of the opinion that A would not be entitled to damage of the defective condition if the fence was the result of A's own misconduct.—Legal Editor.

### ENTITLED TO PAY FOR LAND AND CROPS

I bought 86 acres of land last spring at about \$75 per acre. The sectional line runs through said 86 acres. Now there is a farmer owning a farm in the rear of me who has no outlet as to road. He has put in a petition to have a road put through which has been passed through council. This road will run the whole length of my 86 acres. Can they put this road through without paying me for same or will I have to give the land for road free? I have one field of fall wheat along said sectional line and the rest I have plowed ready for spring work. Can I collect damages for destroying crops and for working being done?—R. D. Vassar, Mich.

You are entitled to compensation for the land to be taken and also for the damage it will do you including the loss of crops on the land to be taken, if you contest it.—Legal Editor.

### CROWS PULLING UP CORN

What can be done to prevent crows from pulling corn?—E. A. C., Bath, Michigan.

The most effective crow deterrent is the old fashioned coal tar treatment. This method has been in use for over fifty years in Michigan. Briefly stated the method is as follows: Moisten shelled corn in lukewarm water, allowing water to stand on corn not more than ten minutes. Drain off water and stir in one teaspoonful of coal tar for each peck of shelled corn. Mix thoroughly until kernels are evenly coated. Spread evenly on floor to dry. Corn may be planted as soon as the kernels are dry enough to pass through drill. There are many other methods, commercial and home preparations, but most of them injure or retard germination, and none have proven to be more effective than the coal tar treatment. In the war on crows the shotgun is an effective weapon. Fields may be more or less effectively protected by stringing wires or strong cord across field from tall poles at intervals on each side, and hanging strips of tin and bright cloth at intervals along the string.—J. F. Cox, Professor of Farm Crops, M. A. C.

### KEEPING CHILD AFTER SCHOOL

Has any teacher the right to keep a child after school hours are over, for lessons?—E. T. J., Tustin, Mich.

There is no written school law with reference to the authority of the teacher in the matter of discipline and punishment. It has been decided by the courts, however, that the teacher stands in the place of the parent and with the same authority

as the parent while the child is in charge of the teacher. The teacher may inflict such reasonable punishment as may appear necessary to maintain reasonable discipline and enforce the rules of the school board or the reasonable rules adopted by the teacher. I would be of the opinion that a teacher had authority to keep the pupil a reasonable time after school either as a punishment or for the purpose of assistance in studies.—Legal Editor.

### EXERCISING COWS IN WINTER

Which dairy cow does best, the one that is in the barn stall from fall until spring, and not let out for exercise, whatever, or the dairy cow that is let out to get exercise on nice days in the winter?—A. H., Marion, Michigan.

It is generally considered better to turn the cows out in the yard on the nice warm days in the winter time for exercise. Cows that are being pushed for high production are sometimes kept in the barn for a considerable period of time. I would not consider this to be good practice for the dairy herd, and do not follow it even with cows that are being fed heavily.—J. E. Burnett, Associate Professor of Dairy Husbandry, M. A. C.

### WRONG DESCRIPTION

Will you please advise me how to correct this mistake in making out a will? A father or his attorney gave the description of a portion of land he never owned while a portion he did own is not spoken of at all. The old deeds and records are all clear and correct.—G. B., Snyrna, Mich.

The ancestor being dead the description should have been corrected by the judge of probate in making the order of assignment to the devisee in the will. If the estate is closed before the error was discovered then the devisee in the will should file a bill in chancery to determine the title and show the error and have the decree recorded as a deed would be recorded.—Legal Editor.

### TEMPLAR MOTOR CO.

Is the Templar Motor Company, of Cleveland, Ohio, O. K.? Is it a safe investment to put money in this stock at the present time? Is the General Typewriter & Office Outfitting Co., of Detroit, Michigan, doing business?—R. N. C., Gladwin, Michigan.

"The Templar Motor Company, Cleveland, Ohio, was in existence before the Michigan Blue Sky Law was passed and therefore is exempt under that law," says the Michigan Securities Commission. A reference to Moody's Manual will secure the latest financial statement of this company.

We are unable to locate any company operating in Detroit under the name of General Typewriter and Office Outfitting Co., but there is a concern called the General Typewriter Company, which has offices at 1404 Broadway and also 307 Sun Building. Maybe this is the company you have in mind.—Managing Editor.

### U. S. MUTUAL AUTO INSURANCE

Will you please let me know if it is safe to insure an auto in the U. S. Mutual Automobile Insurance Co.?—Mrs. W. C., Farwell, Michigan.

On December 31st this company sent the following statement to the State Insurance Commission: Total income during 1920, \$56,573.02; disbursements, \$55,252.15; assets, \$1,324.02; liabilities, \$14,555.15; number of certificates in force 5,223.—Managing Editor.

### THISTLE CUTTER

Some time ago I saw a request for information as to a thistle cutter that would cut a path from five to six feet wide. There is such a tool owned in this neighborhood and if this subscriber will write me I will give him all the information possible about it.—Robert R. Reinsmith, R 2, Farwell, Mich.





# BREEDERS' DIRECTORY



(SPECIAL ADVERTISING RATES under this heading to honest breeders of live stock and poultry will be sent on request. Better still, write out what you have to offer, let us put it in type. show you a proof and tell you what it will cost for 13, 26 or 52 times. You can change size of ad. or copy as often as you wish. Copy or changes must be received one week before date of issue. Breeders' Auction Sales advertised here at special low rates: ask for them. Write today!)

BREEDERS' DIRECTORY, THE MICHIGAN BUSINESS FARMER, Mt. Clemens, Michigan.

## 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.

May 5—Shorthorns, Southern Mich. Polled Shorthorn Breeders' Ass'n., Branch Co. Farm, Coldwater, Mich.  
May 10, Shorthorns, Central Mich. Shorthorn Breeders' Ass'n., Greenville Fair Grounds, Greenville, Mich.  
May 18, Holsteins, Livingston Co. Holstein Ass'n., Howell, Mich.  
May 21, Holsteins, Wm. Gottschalk, New Haven, Mich.  
June 9, Angus, Michigan Aberdeen-Angus Ass'n., East Lansing, Mich.

## LIVE STOCK AUCTIONEERS

Andy Adams, Litchfield, Mich.  
Ed. Bowers, South Whitley, Ind.  
Porter Colestock, Eaton Rapids, Mich.  
John Hoffman, Hudson, Mich.  
D. L. Perry, Columbus, Ohio.  
J. L. Post, Hillsdale, Mich.  
J. E. Ruppert, Perry, Mich.  
Harry Robinson, Plymouth, Mich.  
Wm. Waffle, Coldwater, Mich.  
John P. Hutton, Lansing, Mich.

## CATTLE

### HOLSTEIN-FRIESIAN

### USE PURE BRED SIRE

Estimates furnished by the Dairy Division of the United States Department of Agriculture show that the dairy cows of the country average only 4,500 lbs. of milk per year.

A good Holstein bull will increase the production of the ordinary herd 50 per cent in the first generation.

Let us help you find a good one to use on your herd. You cannot make a better investment.

**MICH. HOLSTEIN-FRIESIAN ASSOCIATION**  
Old State Block Lansing, Mich.

### SHOW BULL

Sired by a Pontiac Aagie Korndyke-Hengerveld DeKol bull from a nearly 19 lb. show cow. First prize junior calf, Jackson Fair, 1920. Light in color and good individual. Seven months old—Price, \$125 to make room. Hurry!  
Herd under Federal Supervision.

### BOARDMAN FARMS

JACKSON, MICH.  
Holstein Breeders Since 1906

**BULL CALF BORN MARCH 27, 1920, VERY** nice, straight and well grown, sired by a son of Flint Hengerveld Lad whose two nearest dams average over 32 lbs. butter and 735 lbs. milk in 7 days. Dam is a 20.61 lb. Jr. 2 year old daughter of Johan Hengerveld Lad 68 A. R. O. daughters. Price \$150. F. O. B. Flint. Pedigree on application.  
L. C. KETZLER, Flint, Mich.

**WOLVERINE STOCK FARM REPORTS GOOD** sales from their herd. We are well pleased with the calves from our Junior Herd Sire "King Pontiac Lundie Korndyke Segis" who is a son of "King of the Pontiacs" from a daughter of Pontiac Clothilde De Kol 2nd. A few bull calves for sale. T. W. Sprague, R 2 Battle Creek, Mich.

### HOWBERT HERD

**WHERE TYPE, CONSTITUTION AND PRO- DUCTIVE ABILITY IS ASSURED.**  
TWO grandsons of King of the Pontiacs from A. R. O. Dams of excellent breeding.

H. T. EVANS  
Eau Claire, Mich.

**\$100.00 WILL BUY HOLSTEIN-FRIESIAN** bull calves, nearly ready for service, from sire whose six nearest dams average 33.34 lbs. butter in 7 days.

OSCAR WALLIN, Wisconsin Farm  
Unionville, Mich.

### Yearling Bull For Sale

Bull born Sept. 28, 1919, evenly marked and a fine individual. Sired by my 30 lb. bull and from a 20 lb. daughter of Johan Hengerveld Lad, full sister to a 32 lb. cow. Dam will start on yearly test Nov. 15.

ROY F. FICKIES  
Chesaning, Mich.

### SOLD AGAIN

Bull calf last advertised sold but have 2 more that are mostly white. They are nice straight fellows, sired by a son of King Ona. One is from a 17 lb. 2 yr. old dam and the other is from a 20 lb. Jr. 3 yr. old dam, she is by a son of Friend Hengerveld De Kol Butter Boy, one of the great bulls.  
JAMES HOPSON JR., Owosso, Mich., R 2.

**LAKEVIEW DAIRY FARM HOLSTEIN-FRIES-** ians. Herd sire Paul Pieterje Wane Prince. Two nearest dams average 31.9 lbs. butter, 672 lbs milk in 7 days. Dam milked 117 lbs. in one day; 3,218 lbs. in 30 days; 122.37 lbs. butter in 30 days. His bull calves for sale. One from a 22 lb. two-year-old. Good individuals. Prices reasonable. Age from 2 to 5 months.  
E. E. BUTTERS, Coldwater, Mich.

**FOR SALE—3 GOOD BULLS, LIGHT, MEDI-** um and dark. Dams' records at 2 yr. 3yrs. and 4 yrs., 16 pounds, 24 pounds and 26.46 ones. First two dams average 22,000 pounds milk and over 1,000 pounds butter in year. All good types. Also a few registered cows and heifers.  
M. J. ROCHE, Pinckney, Mich.

### HERD SIRE IN SERVICE

**KING ZERMA ALCARTRA PONTIAC NO.** 143461 a son of the \$50,000 bull, SIR ECHO CLYDE NO. 247367 a double grandson of MAY ECHO SYLVIA the champion cow of Canada.  
I am offering a yearling son of King from a cow with a 7 day A. R. O. of 18.48 butter 427.8 milk. Next dam 15.11 butter, 387.8 milk. Price \$150. Also some yearling grand daughters of KING Price \$150 each. Pedigrees sent on request.  
H. E. BROWN, Breedsville, Mich.  
Breeder of Registered Stock Only

### BRANDONHILL FARM

Ortonville, Michigan.  
Bull calves sired by 35 pound son of King of the Pontiacs—\$100.00—and upwards—good individuals—from a clean herd.

### JOHN P. HEHL

1205 Griswold Street, Detroit, Michigan

### FAIRLAWN HERD HOLSTEINS

**OUR FIRST OFFERING**  
Bull born March 27, 1920, well grown, straight top line, deep body, and guaranteed right. A little more black than white and ready for service. Sire: Emblagaard Lilith, Champion 208073—"The Sire of Champions." Dam: Hester Belle Edgelake 495538, a wonderful heifer that has just completed a record of 26.41 butter from 522 lbs. of milk in 7 days at 37 mos. 10 days and under ordinary dairy farm conditions. Remember that record equals a 36 lb record from a mature cow.  
A \$2,000 bull for a very modest price because I must have the room. Your inquiry will receive prompt attention.  
J. F. RIEMAN, Owner  
Flint, Mich.

### TWO BULL CALVES

Registered Holstein-Friesian, sired by 39.87 lb. bull and from heavy producing young cows. These calves are very nice and will be priced cheap if sold soon.  
HARRY T. YUBBS, Elwell, Mich.

**HOLSTEINS FOR SALE—EITHER SEX.** Bulls ready for heavy service from dams with A. R. O. records up to 31 lbs. Also bull calves with same breed. They are all fine individuals and nicely marked and priced to sell. Also a few well bred females.  
D. H. HOOVER, Howell, Mich.

### A PROVEN BLOOD LINE

**KING SEGIS** transmitted to his sons the power to transmit to their daughters the greatest of production over long periods. It is his offspring that has recently made the greatest yearly production ever dreamed of, 37,381.4 pounds of milk in a year.  
We have for sale at moderate prices beautiful individuals of show type KING SEGIS bulls.  
**GRAND RIVER STOCK FARMS**  
111 E Main, Jackson, Mich.  
Conroy J. Spencer, Owner  
Under State and Federal Supervision

**FOR SALE—2 REG. HOLSTEIN BULLS** ready for service from 19 1-2 and 24 1-2 lb. dams. Price \$100 and \$125. Herd on accredited list.  
Wm. GRIFFIN, Howell, Mich.

**FOR SALE—HOLSTEIN COW, MERCENA DE** Kol of Mapleide, No. 137129, due to freshen April 24. Price \$250.00.  
R. J. BANFIELD, Wixom, Mich.

**FOR SALE—TWO BULL CALVES, A HOL-** stein and Durham about 3 months old. Both have heavy milking dams. Not registered. \$50 each if taken at once.  
CHASE STOCK FARM, Marlette, Mich.

### HEREFORDS

### HEREFORD CATTLE and HAMPSHIRE HOGS.

We can furnish registered bulls from 12 months and older, best of breeding and at a very low price, have also some extra good Herd headers. We have also a large line of registered Hampshire Hogs. Gilts, Sows and Boars.  
Write us, tell us what you want and get our prices.

**LA FAYETTE STOCK FARM, La Fayette, Ind.**  
J. Crouch & Son, Prop.

**REGISTERED HEREFORD CATTLE — KING** REPEATER 713941, and Beau Perfection 327899 head our herd. Bulls are sold; have some very fine heifers for sale, bred or opened, bred to our herd bulls. Come and see them; they will please you.  
Tony B. Fox, Prop., Henry Gehrhoiz, Herdsman,  
MARION STOCK FARM, Marion, Michigan

### HEREFORDS FOR SALE

Fairfax and Disturber blood, 150 Reg. head in herd. \$35.00 reduction on all sires. Choice females for sale. Write me your needs.  
EARL C. McCARTY, Bad Axe, Mich.

**150 HEREFORD HEIFERS. ALSO KNOW** of 10 or 15 loads fancy quality Shorthorns and Angus steers 5 to 1,000 lbs. Owners anxious to sell. Will help buy 50c commission.  
C. F. BALL, Fairfield, Iowa

**LAKEWOOD HEREFORDS GOOD TYPE,** young bulls, 12 months old for sale. Also high class females any age. Inspection invited.  
E. J. TAYLOR, Fremont, Mich.

**RIVERVIEW HEREFORDS FOR SALE** four bulls, one a grandson of the \$9,500 Bullion 4th. Also a few females.  
Wm. C. DICKEN, Smyrna, Mich.

**FOR SALE—SMALL HEAD OF REG. HERE-** fords, Belvidere 569766, heads the herd.  
RALPH S. SMITH, Kewadin, Mich.

### SHORTHORN

**CENTRAL MICHIGAN SHORTHORN BREED-** ers' Association offer for sale 75 head; all ages, both milk and beef breeding. Send for new list.  
M. E. MILLER, Sec'y, Greenville, Mich.

**IF YOU WANT TO BUY OR SELL I MAY** have just what you want. I handle from one animal up to the largest consignment sale in the country.  
O. A. Rosmusssen Sale Co., Greenville, Mich.

## Have You a Mortgage on Your Farm?

If so buy Shorthorns at the Feb. 25th sale at M. A. C. held at 1 P. M. We are listing four females and two show bulls that will lift your mortgage if they are cared for.  
**RICHLAND FARMS**  
C. H. Prescott & Sons, Tawas City, Mich.

## 7 BULLS--15 FEMALES

The Southern Michigan Polled Shorthorn Breeders' Ass'n. will hold a public sale of Polled Shorthorns at the Branch County Farm, Coldwater, Mich.,

**MAY 5, 1921**

The offering consists of 22 head of show and breeding cattle. Buy while cattle are on the conservative side. No factor is destined to play such an important part in constructive breeding as good animals backed with choice breeding. Those in pursuit will find animals that will make good in any herd at home or abroad.

We cordially invite all interested to attend this sale as it will be a grand opportunity to get foundation stock as well as to strengthen blood lines and individuality in the older herds.

Write for illustrated catalog Sale commences at 1:30 p. m.  
Co. Agriculturist, C. L. Nash, Sec. Geo. E. Burdick, Pres.  
Coldwater, Mich. Coldwater, Mich.

## SHORTHORNS

**First Annual Consignment Sale of**  
**CENTRAL MICHIGAN SHORTHORN BREEDERS' ASSOCIATION**  
at Greenville Fair Grounds, Greenville, Michigan.  
**TUESDAY MAY 10, 1921 at 1 P. M.**  
**39 Head, 29 Females, 10 Bulls, About 2-3 Milking Strain, 1-3 Scotch**  
Write to M. E. Miller, Sec'y, Greenville, Mich. for Catalogue

**Huron Co. Shorthorn Breeders' Ass'n** offer for sale Scotch and Scotch topped males and females of all ages. 300 head to select from. For information address

Jas. R. Campbell, Secretary  
Bad Axe, Michigan

### MAPLEHURST FARM

Newton Loyalist 2nd in service, short horn bulls for sale.  
G. H. PARKHURST, R 2, Armada, Mich.

**BUY SHORTHORNS NOW, 4TH ANNUAL** herd test without a reactor. Some bargains in bulls.  
JOHN SCHMIDT & SON, Reed City, Mich.

**THE VAN BUREN CO. SHORTHORN BREED-** ers' Association have stock for sale, both milk and beef breeding.  
Write the secretary.  
FRANK BAILEY, Hartford, Mich.

**SHORTHORNS COWS, HEIFERS, BULLS** offered at attractive prices before January first. Will trade for good land.  
Wm. J. BELL, Rose City, Mich.

**3 EXTRA GOOD BULL CALVES FOR SALE.** From the Maple Ridge herd of Bates Shorthorns. Calved in September 1920.  
J. E. TANSWELL, Mason, Michigan.

**SHORTHORN CATTLE AND OXFORD DOWN** sheep. Both sex for sale.  
J. A. DeGARMO, Muir, Mich.

**KENT COUNTY SHORTHORN BREEDERS'** Ass'n are offering bulls and heifers for sale, all ages. Sell the scrub and buy a purebred.  
A. E. RAAB, Sec'y, Caledonia, Mich.

**FOR SALE—REGISTERED SHORTHORNS** and Duroc Jersey spring pigs, either sex; two red bulls, one 11 months and one 5 months old. Several heifers from 6 months to 2 years old. Scotch Top and Bates bred. Address  
GEORGE W. ARNOLD or JARED ARNOLD  
Williamsburg, R 1, Michigan

### JERSEYS

**JERSEY YEARLING BULL (SIRE BY PEN-** nhurst Farm Sultan, R. M. Breeding.  
J. E. MORRIS & SON, Farmington, Michigan.

**REG JERSEYS HEIFERS 1 YR. OLD—** Young cows in milk sired by Majesty's Oxford Shyllock 156.692 also young bulls sired by Frolic's Master Pogs 177683, a grandson of Pogs 99th and Sophie 19th's Tormentor, two great bulls of the breed. Write for prices and pedigree.  
GUY C. WILBUR, R 1, Belding, Mich.

### DO YOU WANT PRODUCTION?

The grandson of Pogs 99th of Hood Farm and Sophie 19th's Tormentor, two of the greatest sires ever known heads our herd. No other strain is more noted for past and present production. Bull calves and bred heifers for sale at reasonable prices.  
FRED HAYWARD, Scotts, Mich.





# BREEDERS DIRECTORY



(SPECIAL ADVERTISING RATES under this heading to honest breeders of live stock and poultry will be sent on request. Better still, write out what you have to offer, let us put it in type. show you a proof and tell you what it will cost for 13, 26 or 52 times. You can change size of ad. or copy as often as you wish. Copy or changes must be received one week before date of issue. Breeders' Auction Sales advertised here at special low rates: ask for them. Write today!)

BREEDERS' DIRECTORY, THE MICHIGAN BUSINESS FARMER, Mt. Clemens, Michigan.

## PLOWING WITH A CROOKED STICK? OH! GOT A TRACTOR, EH?

using all the improved machinery in order to grow large crops economically.

To what are you feeding these crops you have worked so hard and spent so much, to grow and harvest? To Scrubs? Is this wise? Is it economical? Is it not plowing with a crooked stick?

Mr. Dairyman: Would it not be wiser to grade up your dairy herd with a pure bred Jersey bull and so have a high grade economically producing Jersey herd to go along with the tractor and other up-to-date machinery? Would it not look better? Would it not pay better? Would it not be better? Yes! Wife says it would. She knows. I am going to do it.

Write  
**SECY HENDRICKSON**  
Shelby, Mich.  
for free literature.

**HIGHLAND FARM JERSEYS** FEDERAL ACCREDITED. High production, splendid type and breeding. Write us your wants. Samuel Odell, Owner. Adolph Heeg, Mgr. Shelby, Michigan

**YEARLING BULL** Sired by Majesty's Oxford Shyluck. Nothing better. **FRANK P. NORMINGTON**, Ionia, Michigan

**THOROUGHbred JERSEY BULL FOR SALE.** Bull born Dec. 24, 1918. Sired by Khe-dive's Roses Fairy Boy and from the fine dam, Topper's Lady Khedive. Price, F. O. B. Paw Paw, Mich., \$175.00. Address: **RALPH MASTEN**, Paw Paw, Mich. Manager of Affairs Farm

### GUERNSEYS

#### GUERNSEY BULL CALVES

From tested and untested dams. Satisfaction guaranteed. Write for prices and breeding to **MORGAN BROS.**, Allegan, Mich., R1

#### GUERNSEY BULL FOR SALE

Good individual, six months old. Herd under state and federal supervision. Write for particulars to **C. A. HENNESEY**, Watervliet, Mich.

### RED POLLED

**REG. RED POLLED BULLS, ALL AGES.** Bred heifers. **E. S. CARR**, Homer, Mich.

**FOR SALE—REGISTERED RED POLLED** ready for service. **HERBISON BROS.**, R 3, Birmingham, Mich.

### DURHAM

**FOR SALE TWO HIGH CLASS THOROUGH-** bred Shorthorn Durham Bulls. Eleven and twelve months old. **HENRY J. LYNCH**, Mayville, Mich.

### ANGUS

## The Home of Imp. Edgar of Dalmeny Probably The Worlds' Greatest BREEDING BULL

Blue Bell, Supreme Champion at the Smithfield Show, 1919, and the Birmingham Show, 1920, is a daughter of Edgar of Dalmeny.

The Junior Champion Bull, Junior Champion Female, Champion Calf Herd and First Prize Junior Heifer Calf, Michigan State Fair, 1920, were also the get of Edgar of Dalmeny.

A very choice lot of young bulls—sired by Edgar of Dalmeny are, at this time, offered for sale.

Send for Illustrated Catalogue.

**WILDWOOD FARMS**  
Orion, Mich.

W. E. Scripps, Prop., Sidney Smith, Supt.

## The Most Profitable Kind

of farming, a car load of grade "dairy" heifers from LENAWEE COUNTY'S heaviest milk producers to include a pure bred ANGUS bull of the most extreme beef type for combination beef and dairy farming.

Car lot shipments assembled at GLENWOOD FARM for prompt shipment. Methods explained in SMITH'S PROFITABLE STOCK FEEDING, 400 pages illustrated. **GEO. B. SMITH**, Addison, Mich.

**REGISTERED ABERDEEN-ANGUS—BULLS,** Heifers and cows for sale. Priced to move. Inspection invited. **RUSSELL BROS.**, Merrill, Michigan

**BARTLETT'S PURE BRED ABERDEEN-ANGUS CATTLE AND O.I.C.** Swine are right and are priced right. Correspondence solicited and inspection invited. **CARL BARTLETT**, Lawton, Mich.

### AYRSHIRES

**FOR SALE—REGISTERED AYRSHIRE** bulls and bull calves, heifers and heifer calves. Also some choice cows. Inspection invited. **FINDLAY BROS.**, R 5, Vassar, Mich.

## SWINE

### POLAND CHINA

## BIG BOB MASTODON

Is sired by Caldwell Big Bob Champion of the world. His dam Sire is A's Mastodon, Grand Champion at Iowa State Fair. Enough said. I have a fine September Boar Pig that will make a hard boar sired by Big Bob, and a fine lot of spring pigs when weaned. Book your order now. **C. E. GARNANT**, Eaton Rapids, Michigan.

### HERE'S SOMETHING GOOD

**THE LARGEST BIG TYPE P. C. IN MICH.** Get a bigger and better bred boar pig from my herd, at a reasonable price. Come and see them. Expenses paid if not as represented. These boars in service: L's Big Orange, Lord Clansman, Orange Price and L's Long Prospect. **W. E. LIVINGSTON**, Parma, Mich.

### BIG TYPE POLAND CHINAS

A few choice spring boars and gilts sired by "Half Ton Lad," a good son of "Smooth Half Ton" Champion of Michigan in 1918. Gilts will be bred to Jumbo's Mastodon 2nd, son of Big Bob Mastodon for March and April farrow. **HOWLEY BROS.**, Merrill, Mich.

### FARWELL LAKE FARM

L. T. P. C. boars all sold. A few spring boars and some gilts left. Will sell with breeding privilege. Boars in service: Clansman's Image 2nd, W. B.'s Outpost and Smooth Wonder. Visitors welcome. **W. B. RAMSDEN**, Hanover, Mich.

**BIG TYPE POLAND CHINA BRED GILTS ALL** sold—but have some fall gilts at reasonable price. Will be bred for fall litters. **DORUS HOVER**, Akron, Mich.

**GILTS Sired by BIG BOB MASTODON, BRED** to Jumbo Lad. Price very reasonable. **DEWITT C. PIER**, Evart, Mich.

**L S P C—4 BOARS BY CLANSMAN'S IM-** AGE and Big Defender, that are extra good. Bred gilts all sold. **H. O. SWARTZ**, Schoolcraft, Michigan.

**BIG TYPE POLANDS. AM OFFERING TWO** good growthy fall gilts, from best sow in our herd. **W. CALDWELL & SON**, Springport, Mich.

**BIG TYPE P. C. BRED SOWS ALL SOLD.** Closing out a few choice boars at a bargain also some extra good fall pigs, either sex. From growthy stock. **L. W. JARNES & SON**, Byron, Mich.

### BIG TYPE POLAND

China boar ready for service. \$25.00. **JOHN C. BUTLER**, Portland, Mich.

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**Am Offering Large Type Poland China Sows,** bred to F's Orange at reasonable prices. Also fall pigs. Write or call. **CLYDE FISHER**, R 3, St. Louis, Mich.

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**FOR SALE—SEVERAL EXTRA GOOD SPRING** Boars, ready for service. Our bred gilts are all sold, but we have some fine spring pigs coming on. **Harley Foot & Son**, Gladwin, Michigan

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**Phillips Bros, Riga, Mich.**

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Registered Duroc Pigs, crated and delivered to express station for \$20 each. Either sex, or can furnish them unrelated to each other. These are late fall and winter pigs sired by State Fair winners and weighing over 100 pounds. Write for particulars. **MICHIGANA FARM LTD.**, Pavilion, Mich.

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## HAMPSHIRE SHEEP

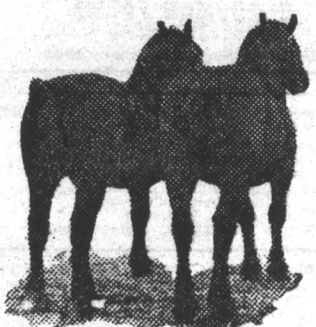
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HIGH STANDARD QUALITY

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**BIG, STRONG, FLUFFY** fellows hatched from eggs of good laying strains, and under our own supervision.

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| Brown Leghorns       | 4.25   | 7.75   | 15.00   |
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| Barred Rocks         | 5.00   | 9.75   | 19.00   |
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| Buff Rocks           | 5.00   | 9.50   | 18.00   |
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|--------------------------|--------------|
| Since Organization . . . | 5,529        |
| Amounting to . . .       | \$705,119.83 |
| Since Jan. 1, 1921 . . . | 531          |
| Amounting to . . .       | \$ 61,842.41 |

#### **TOTAL RESOURCES**

|                     |              |
|---------------------|--------------|
| April 1, 1921 . . . | \$123,094.42 |
|---------------------|--------------|

#### **POLICIES IN FORCE**

|                     |        |
|---------------------|--------|
| April 1, 1921 . . . | 49,500 |
|---------------------|--------|

Remember the company you insure with is only as strong as its assets and the number of policies it has in force.

**DON'T TAKE CHANCES ON INSURANCE!**

First—Because it would be a double loss to you, under present conditions to suffer a loss through an accident in which your liability for personal damages might, as many Michigan cases last year proved, cost you several thousand dollars. In case of a personal injury accident, if you are insured in this company, we take care of the court case, employ our own lawyers to defend your case, and pay all damages up to \$5,000.

Second—Loss by theft of motor vehicles is no longer confined to larger cities. Cars have been taken from the farmers' barns and garages during the past six months. There is an organized auto-stealing clique who are preying on the owners of this state, Michigan, because of its proximity to the manufacturing cities has more than its share of this kind of malicious practice. In case of theft of your motor vehicle, if it is insured

in this company, and not recovered, we pay you its value at the time stolen.

### **And Yet The Cost of This Protection To You Is Very Small In The Mutual Company**

So small, indeed, that no farmer in Michigan, living out of Detroit where we do not insure cars, can afford to be without it and more than 49,500 cars are already insured in this strong, pioneer company, now the largest of its kind in the world.

**DO IT NOW, BEFORE IT IS TOO LATE!** After the fire, theft or accident is no time to wish you had had insurance. **RIGHT NOW** is the time to get it and in every part of Michigan this company has a man, who will not only write up your policy, but be your first friend in time of automobile trouble.

If you will write the home office at Howell, just a postal card today and tell us the name and model of your motor vehicle, passenger car or truck we will have our nearest agent call on you, explain the insurance and write up an application for you if you want it, otherwise you assume absolutely no obligation in telling us what car you own.

Right now, while it is on your mind, write

**Wm. E. Robb, Secretary**

**Citizens' Mutual Automobile Insurance Company**

HOME OFFICES: HOWELL, MICH.