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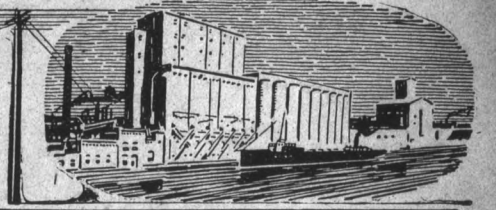
The Michigan

MAY 7, 1927

BUSINESS FARMER



*An Independent
Farm Magazine published and
Edited by*



A SURE SIGN OF SPRING

In this issue: "A Michigander in the Land Where Tex Meets Mex"—"Two Officers Get Chicken Thieves and Split Reward"—What Legislature is Doing—and other interesting features

The Story of the "Second Sole"



INFERIOR quality often hides behind a mask of mere surface goodness.

For example, a shoe has two soles. But do you ever ask, do you ever stop to think—"What is behind the outer sole? What is the second sole?"

We cut apart several shoes that looked like Ward's—shoes made to sell for 25 cents less. The second sole was made of leather that cost 20 cents per pair. When the first sole is worn out, the second sole will "disappear" with a few days' wear.

Ward's second sole is made of 45 cent leather—as sturdy and strong and long-wearing as the outer sole.

The price of the inferior shoes is seemingly lower than Ward's. A quarter can be saved in cash,

but at a loss of two dollars in serviceability.

At Ward's "we never sacrifice quality to make a seemingly low price." For fifty-five years this has been the Golden Rule policy back of every article we have sold.

We do not adulterate, "skimp," or use inferior substitutes to take a few cents off the price.

Ward's prices are as low as reliable merchandise can be sold—always. And no merchandise power in the world can buy at lower prices than Ward's!

Over 60 million dollars in cash is used to buy goods in the largest quantities to secure low prices. But we never make a price a few cents lower by sacrificing service and your satisfaction.

A Price too low—makes the Cost too great.

Use Your Ward Catalogue for Greater Savings

ESTABLISHED 1872
Montgomery Ward & Co.

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"Nothing succeeds like success," they say, but where success is constant and increasing there must be some unusual merit back of it. The continued success of the Auto-Oiled Aermotor is based entirely on merit. It has been made better and better year after year. Improvements have been added as experience has shown the way. The Auto-Oiled Aermotor of today is a wonderfully durable and efficient windmill.

The Aermotor Company, more than 12 years ago, solved the problem of complete self-oiling for windmills in such a way as to make the system absolutely reliable. The oil circulates to every bearing and returns to the reservoir with never a failure. There are no delicate parts to get out of order. The double gears run in oil in a tightly enclosed gear case.

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All steel construction—no blow out or clog troubles—light running—low speed—better ensilage—lifetime service—sizes to suit your power. A Michigan farmer writes: "Your 8-12-16 Ross Cutter is the easiest running machine I have ever used—lots of power to spare—filled five silos and only trouble was getting enough corn to cutter." Write for money-saving plan. Agents wanted

The famous ROSS SILO made of copper-content ROSSMETAL galvanized in another exterminator of the borer. Write for remarkable book, "What Users Say."

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Cribs—Brooder Houses—Garages—Mills

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

SUMMER PROJECT FOR SHORT COURSE BOYS

THE value of saving labor on the farm has been emphasized by the Short Course students at Michigan State College on selecting the invention and construction of labor saving devices as a summer project.

This project is to be arranged into a contest between students. A score card will be prepared giving proportionate credit for the invention of a new labor saving device, for its construction as well as for the construction of devices already in use elsewhere. The amount of time or labor saved over a year will also be considered in scoring the efforts of the students.

The continued scarcity of efficient farm help makes the utilization of labor saving devices imperative. C. V. Ballard, County Agricultural Agent Leader, who addressed the Short Course Club, at one of its weekly meetings, is responsible for setting this labor saving thought astir which has developed into a contest between students.

The contest is being promoted by the First Year Sixteen Weeks Class in General Agriculture, and will be limited this year to members of this class only. As the plan continues to grow it is quite possible that this or a similar contest may spread to the other fifteen Short Courses conducted at the College along various lines.

The new Short Course catalog, which is now being prepared at the College, and will give a full description of the work offered in the various courses, will also contain further information regarding this labor saving contest. Copies of this catalog may be secured by writing Director of Short Courses, Michigan State College, East Lansing.

IONIA PARENTS AND TEACHERS MEET

ABOUT two hundred and fifty parents and teachers met at the Emerson School in Ionia, Saturday, March 19, 1927, it being the regular annual meeting of the Ionia county council.

A short business session was held in the forenoon of the Parent-Teacher Association, at which time the annual election of officers was held. The following officers were elected: County chairman, Mrs. Ernest Leach, of Orleans; first vice-chairman, Mrs. Richard Dunsmore of N. LeValley; second vice-chairman, Mrs. Pauline Ingram of Woodward Lake; recording secretary, Mrs. Joel Palmer of Orleans; corresponding secretary, Mrs. Edith Face of Orleans; treasurer, Mr. Bert Snow of Belding.

At 12:30 a delicious cafeteria dinner was served in the kindergarten room, after which the meeting was again resumed in the auditorium and the following program given: Music, Orthophonic Victrola. Several physical culture selections were played while Miss Lange, physical education instructor of Ionia Schools gave the demonstration exercises. Vocal selections by Leslie Stedman, Woodward Lake. Address of Welcome—Supt. A. A. Rather. Response—E. M. Brake, Commissioner of Schools. Gypsy dance and "comb music" by girls of Academy. "Club Work" drill by 5th grade from Jefferson school. Two exercises, "Spring and the North Wind" and "The Cafeteria," were given by the A-first and B-second grades of Emerson school. Also a negro dialect song by Norene Adgate and Lois Druckenbrod. Address—Mrs. Maud Weaver of Cedar Springs. Prizes were awarded for the "Better English" and "Penmanship" contests which were conducted by the County P. T. A. First prize, \$5.00 in gold for composition, "What Patriotism Means to Me," was awarded to Edith Ransom of Easton; second prize, \$2.50 in gold to Marion Munn of Woodward Lake; third prize, \$1.00 in gold to Ruth Shamp of Palo; fourth prize of 1.00 in gold to Wm. Holt of Cooks' Corners; fifth prize of \$1.00 to Elizabeth Cotterman of Brink.

First prize in penmanship of \$5.00 in gold was awarded to Idalene Stedman of Woodward Lake; second prize of \$2.50 in gold to Marguerite Benis of Brink; third prize of \$1.00 in gold to Blanche Trebain of Orleans; fourth prize of \$1.00 in gold to Iola Bushre, Loomis School; fifth prize of \$1.00 in gold to Mary Long of Riker School.—Mrs. Ernest Leach.

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House Frowns on Raising More Road Funds

Proposal to Boost Gas Tax Without Any Relief in Weight Tax Defeated, Then Reconsidered and Tabled

By STANLEY M. POWELL

Lansing Correspondent of THE BUSINESS FARMER

ABOUT the only way that I can think of to really have these reports up to the minute would be to give them by radio. Things are happening so rapidly in the Legislature these days that by the time anything is set up in type and mailed out, it is likely to be out of date. Take the matter of highway finance for instance. As far as surface indications go, legislation to amend the gas and weight tax laws is pretty much at a stand-still as this is written, but no one can predict what the next few days may bring forth.

The House sprung quite a surprise by defeating decisively, to the tune of 38 yeas to 50 nays, the bill of Sen. Geo. Leland of Fennville, which would have increased the gas tax to 3 cents a gallon without modifying the weight tax. The Senate had previously passed this bill with only three negative votes, those of Sen. Peter B. Lennon of Genesee county and Senators Wood and Wooruff of Wayne county. The House of Representatives, in defeating the bill, ran true to form as reflecting more accurately than the Senate the desires of the rank and file of Michigan citizens.

The hostile attitude of the fifty Representatives who voted against the Leland bill was probably not due to any opposition to a higher gas tax, but rather to their determination not to stand for a gas tax increase which was not accompanied by some relief in the weight tax. A considerable portion of these fifty Representatives have indicated in public debate and private conversation that they would much prefer a 4 cent gas tax as provided in a bill by Rep. C. J. Town of Onondaga, if it could be accompanied by a modification of the weight tax, such as that proposed by Rep. John W. Goodwine bill would provide permanent licenses for passenger cars at a cost of 50 cents per cwt., a reduction in the annual licenses on light trucks, increased returns to the counties and the payment of all back highway awards and accounts during 1928.

Defeating Vote Reconsidered

Following the defeat of the Leland 3 cent gas tax bill, the vote was at once reconsidered and the bill placed on the table. It may be removed at any time and taken up for consideration whenever its supporters feel that they have converted additional strength to insure its passage.

Hopes of the backers of the Town and Goodwine companion bills fell considerably last Friday when at the conclusion of a two-hour meeting of the House Committee on Roads and Bridges it was announced that neither the Town nor the Goodwine bill would be reported out. The chairman declared that he had been in conference with the Governor and the Governor had said that even if these bills were passed by the House and the Senate, he would promptly veto them. This announcement was accompanied by the statement that the 3 cent gas tax proposal would be taken from the table and passed. Time alone will tell whether this prophecy is true or false.

Before you read this article, the Senate will probably have taken final action regarding capital punishment. This bill has at last been reported from the Senate Committee on Judiciary where it has been a storm center for the past two months. It is a special order for final passage in the Senate Wednesday afternoon of this week. In its

present form it provides that electrocution would be mandatory for persons over nineteen years of age convicted of first degree murder. The bill carries a referendum clause so if passed by the Legislature and signed by the Governor, it would not go into effect until approved by the voters at the general election in November, 1928.

Chicken Thief Bills to Governor

We are happy to report that the Hall and Huff bills regarding poultry stealing and discussed in previous article have at last completed their journey through the House and Senate and have been forwarded to Governor Green for his signature. The first bill was introduced by Rep. Luther E. Hall of Ionia. It is intended to assist in catching and convicting poultry thieves. It provides that dealers purchasing poultry for re-sale would keep certain information relative to each transaction on file for the assistance of police officers. The second bill relating to poultry stealing was introduced by Rep. Otis Huff of Marcellus. It specifies the penalties for various degrees of poultry stealing. As finally amended, stealing poultry valued in excess of \$25.00 would be punishable by at least one year in prison, with the maximum sentence fixed at five years.

M. S. C. Bills Pending

Friends of the Michigan State College will be interested to know how the appropriation bills for this institution are progressing. The Senate has unanimously approved raising the limit of the M. S. C. mill tax from \$1,000,000 to \$1,100,000. The House has voted to allow the College \$724,672 for cooperative agricultural extension work for the next two years and \$1,114,250 for new buildings and improvements.

No matter what action the Senate may take on capital punishment, the Legislature has already gone on record as favoring drastic punishment for robbery while armed. It has passed a bill by Senator Herbert J. Rushton of Escanaba establishing life imprisonment as the penalty for this crime and carrying and amending providing "The court may in its discretion further sentence such guilty persons to receive not more

than six strokes at any one time of a porous cow-hide strap, two inches in width, two and a half feet in length and one-sixteenth of an inch in thickness, on the bare back, well laid on, at intervals to be designated by the court at the time of such sentence. Such flogging shall be done by the warden of the prison or his aides and under the direction and in the presence of the prison physician."

To promote private re-forestation on Michigan farms the Senate has unanimously passed a bill by Sen. Chester M. Howell of Saginaw which would make the farm wood-lot tax law more liberal and attractive from the farmers' point of view.

The truth-in-fruit-juice bill sponsored by Sen. Geo. S. Bernard of Benton Harbor has been passed by the House unanimously. It is intended to provide protection for fruit growers against artificially flavored and colored imitation fruit juice drinks.

The Senate has passed two bills to repeal the 35 mile per hour maximum legal speed limit for automobiles. The first measure is by Sen. Seth Q. Pulver of Owosso. It would abolish the definite limit by providing that if an automobile were going more than 35 miles per hour at the time of an accident, that fact would be taken as evidence of reckless driving. The second bill on this subject was introduced by Sen. Howard F. Baxter of Grand Rapids. It contains a provision repealing the 35 mile limit, but providing that an automobile "must be able to stop within the assured clear distance ahead."

Plan To Adjourn May 13

Senate and House leaders have reached an informal understanding that May 13 will be the date for winding up the work of the present session of the Legislature. This will have been one of the longest biennial legislative sessions held in many years.

Although they are criticized for a great many things, we can hardly say that the members of the Legislature are selfish. We know that they receive \$800 per two-year term and they get no more or no less no matter how long the session of the Legislature continues. In other

words, they are working "by the job" and if they were selfish they would be inclined to finish the task just as rapidly as possible. Their expenses pile up and their personal affairs are interrupted. However, they seem intent on staying in Lansing until the more important of the hundreds of perplexing questions presented to them have been settled.

We appreciate their spirit and hope that their unselfish devotion may result in genuine achievement for the promotion of the best interests of Michigan citizens.

It will be remembered that the Legislature passed a bill embodying a provision allowing each member \$5.00 per day expense money for the days he was actually on the job. In vetoing this proposal Governor Green declared in part as follows:

"It is admitted by all who come in contact with the Legislature that its members are underpaid. Their salary of \$800 for a term of two years is so small that every member must submit to a financial loss. The imposition of this hardship does not reflect credit upon our state and should be remedied.

"This bill is an attempt to increase the compensation you are to receive for your services as members of the Legislature.

"The voters at the November election refused to approve any increase. I believe they were absolutely wrong. But I believe also that the very foundation of popular government is the theory that the people have a right to make their own mistakes, and that no power save the people themselves has a right to presume to rectify those mistakes.

"We have, however, the right and clear duty of go back to the people, lay the facts before them and ask for a new and wiser decision. The facts have never been properly presented to the people. When they are made clear I have no doubt of the result."

The House has passed a resolution for the submission to the people of a constitutional amendment raising the salaries of members of the Legislature and permitting them to receive an expense allowance.

House Would Regulate Members

The House is considering a bill to prohibit any member from receiving compensation for any activity in connection with pending legislation. It remains to be seen what will happen to this measure and it is an open question as to whether or not it would prove of any value if enacted. However, it calls attention to the fact that members of the Legislature are charged with having been guilty of directly or indirectly receiving pay for promoting or opposing various measures. As long as the lawmakers are paid less than an honest living wage, it will be but natural that some of the members will be sent there by various interests or retained by certain corporations or organizations.

One factor in the situation which should not be ignored is that some of the Senators and Representatives are salaried men and unquestionably their regular private compensation runs on just the same even though they are spending their time at Lansing discharging their duties as lawmakers. Obviously it would be difficult for these members to approach certain questions from an entirely unbiased and unprejudiced point of view. The Scripture tells us, "Where a man's treasure is, there will his heart be also."

While a reasonable increase in the
(Continued on Page 19)

SOME OAT CROPS HARD TO BEAT

WE certainly started something when we published the facts about the 802 bushels of oats from 19½ acres on the Ormsby Brothers farm in Benzie county, and John Utley's record of 1,064 bushels from 22 acres and already we have received several letters containing records that beat them a mile.

For instance, there is one from C. Plowman and sons, of DeWitt, Clinton county, who have a record of nearly sixty bushels of oats to the acre, producing 1305 bushels on 22 acres.

Producing between sixty and seventy bushels to the acre we have the records of John Graham, of Rosebush, Isabella county, with 1052 bushels off of 16½ acres; J. A. Witmore, of Tecumseh, Lenawee county, with 980 bushels from 16 acres; Cashmere Lemanski, of Harbor Beach, Huron county, with 750 bushels from 12 acres; and Homer Henney, of Clarksville, Ionia county, with 760 bushels from 12 acres.

Next we enter the 70-bushel class with Bennie Pocus, of Muir, Ionia county, threshing 490 bushels from seven acres, also Fred Winn and sons, of Columbus, St. Clair county, who got 2250 bushels off of 40 acres, and 14 acres of the 40 produced 1092 bushels or 78 bushels to the acre.

At the top at present is Joseph Labair, of Richmond, Macomb county, with 640 bushels from eight acres. "Our oats always go from 60 to 80 bushels to the acre," writes Mr. Labair.

Let's hear from some more of our folks, and we want pictures of the big crops to publish if you have any.—Editor.

A Michigander in the Land Where Tex Meets Mex

Report of Recent Ramblings Southward Along Mississippi Through Louisiana and Texas

By GEORGE M. SLOCUM

OLD Man Winter in Michigan is not unlike our city relatives who overstay their welcome. Along about the first of February we would be perfectly willing to help him buy his ticket to wherever he wanted to go and we might agree even to drive him to the station and see him off—but no! Winter hangs around Michigan sometimes well into April and occasionally steals back in the night with a killing frost as late as May—he would get a haughty reception indeed the following December, if we did not have to have snow for old St. Nick's sleighs.

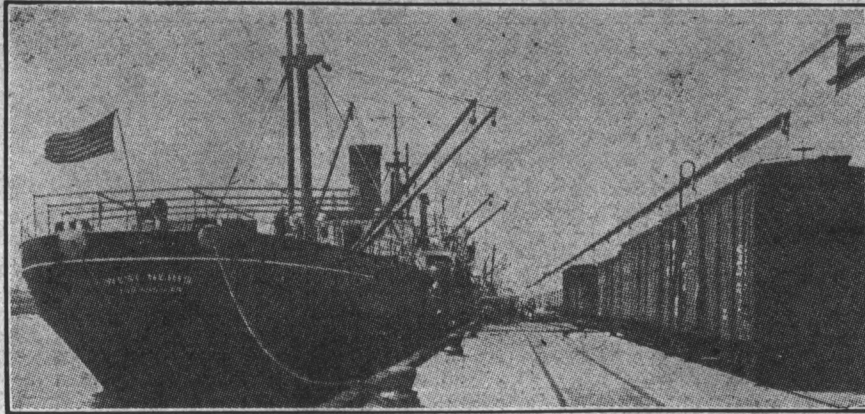
So it is not hard to see why, when the invitation came to accompany the Third International Tour of the American Agricultural Editors Association on its 1927 jaunt into Mexico, leaving St. Louis on the twentieth of March, your humble scribe jumped at the chance to give old man Winter the slip.

In St. Louis

Even the third week in March found the spirea in bloom on the terraces and the beautiful magnolia trees in gorgeous array in St. Louis, Missouri. We had found spring but a night's ride from Detroit. The Mississippi, "the old yeller snake" of Edna Ferbers "Show-Boat," with its eternal memories of Mark Twain's "Huck Finn" and river stories, was already above its normal stage.

Once the fitting-out place of the covered wagon, where the long, hazardous trek towards the land of the setting sun began, St. Louis today fights for its place as the central market-basket of the great plains and proudly points to its smoking factory chimneys, as indicative of its future greatness.

Only a well-filled art museum remains of the great galaxy of white buildings which housed the World's Fair in 1903, but Forest Park now boasts one of the finest zoos in America, and the stately Jefferson Memorial building contains a collection of Indian relics and pioneer me-



New Orleans boasts of seven miles of warehouses and a harbor which is surpassed in tonnage only by New York.

mentos which stir our imaginations and fill us with pride for our ancestors who, defying death, pushed the frontier ever westward to the Pacific.

On Into Louisiana

Morning found our special train several hundred miles further south and rolling through the fertile lands of Arkansas and into Louisiana. No longer can this section be called only "the land of cotton" for today long trains of refrigerator cars hurry northward towards the great winter-locked cities, loaded with celery, radishes, strawberries, and fresh vegetables which bring fancy prices and still are sold to our factory and office workers, who give scant thought to its point of origin.

That has been the problem of the south, to diversify its products and break down the gamble of dependence on a single crop, the price of which has been, particularly since the war, a foot-ball of the fickle cotton market.

The Missouri Pacific railway, which, through the kindly offices of E. H. McReynolds, assistant to the

president, acted as our host on the way southward, has fostered a system of agricultural development which is probably unmatched anywhere else in America. Competent agricultural advisors under pay of this railway, are located at all strategic points long its route and give their full time and energy to helping the farmer and planter succeed in his attempt to "get away from cotton."

Their method of handling the cultivation of strawberries in Louisiana was particularly interesting, as explained to me, by G. F. Wallace, Missouri Pacific Marketing Agent. The beds are prepared in late summer, September to November, and the planting is done from October to December. From one-half to a ton of fertilizer is used to the acre and the planting is in rows from 3 1/2 to 4 feet apart, with 12 inches between plants. Only a shallow cultivation is given, but the Louisiana planter is fortunate in having an ideal mulch in the form of pine needles, which contain no weeds and dry quickly. The strawberry harvest

starts in March and April and the picking is profitable for two months. Then the fields are plowed up and only enough plants saved for the fall plantings.

Acres of Radishes

They were loading cars with crates of radishes, beside our train at a small station. "That makes 19 cars of radishes out of this point so far this year," said Mr. Wallace. "Two years ago the crackers around here hardly knew what a radish looked like. The production here is unusually high, running two hundred 24-pint crates to the acre which would bring on the track here six hundred dollars. Right now we are pushing Satsuma oranges and domestic figs, which have heretofore been unheard of as a commercial crop in Louisiana."

There is still much cut-over land, not yet cleared for cultivation, where the hungry saws of the northern lumberman stole the standing wealth of a hundred years' growth and left the country a barren waste of stumps for the settler to wrestle with, as he did in Michigan.

Since the first oil well in Louisiana poured forth its molten gold less than twenty-five years ago, more than a billion dollars worth of oil has been produced in the state and our train passed through new fields where the derricks were still bright and the pipe-lines shining.

Louisiana employs her convicts in building roads and we passed a camp in the very heart of a great swamp-country which was doggedly pressing a roadway paralleling the railway line, through what appeared to be a bottomless bayou. Soon probably, automobiles, trucks and busses will be hurrying along this highway and farm house, church and village will mark its course.

Baton Rouge, La.

Baton Rouge had been to me merely the hard-to-pronounce capital of our school-days geography, but in reality it is today much more, for it is the site of the State University, (Continued on Page 24)



R. W. Anderson, of Clarkston, Oakland county, lost 100 chickens to the thieves but had the satisfaction of seeing the offenders sent to prison.

OVER in Oakland County the labors of a chicken thief pay tremendous dividends for there one finds the city of Pontiac growing by leaps and bounds, with Dynamic Detroit only a stone's throw away—two markets that every honest farmer knows are the world's best—and Mr. Chicken Thief is wise to the same facts.

But while the life of a chicken thief in Oakland county is a merry one, while it lasts, its also mighty short and the boys are slowly but surely learning that, after all it doesn't pay—thanks to the efforts of Sheriff Frank Schram and his efficient corps of deputies.

No less than nine men and one woman have been lined up for long

Two Officers Get Chicken Thieves and Split Reward

By R. J. McCOLGAN

terms—in the right kind of a coop at last—since the first of the year by the officers of Oakland county alone. This is a fine record that any sheriff can well be proud of and our hats are off to Sheriff Schram and his men. So well are these officers carrying out their duties that other sheriffs from various counties have gone over to Pontiac to learn the secret. In a conference with Sheriff Schram the other day he told the writer that there was no hidden secret to the thing at all, that their success represented many hours of hard chasing and long nights of struggle to catch these chicken thieves. Men with courage, not afraid to work, and with the desire to land the thief will bring results is the belief of Sheriff Schram.

Steal 100 from Our Reader

On the night of January 13th one hundred White Orpingtons, valued at \$200, were stolen from the home of R. W. Anderson of Clarkston, Oakland county. Mr. Anderson, a reader of THE BUSINESS FARMER for a good many years, notified the sheriff and he immediately sent out deputies Walter Arnold and John W. Copp to investigate the robbery. The Deputies gathered all the evidence possible following the stealing of Mr. Anderson's chickens. Several of Mr. Anderson's neighbors reported losses the same night or within a few nights following and from these clues officers Arnold and Copp were able to land their men although it was thirty days later before they finally got the goods on them in such a way that a conviction could be made in court.

Valued at \$3,500 to \$5,000

As nearly as can be ascertained from reported cases in Oakland county 952 chickens and 27 geese and eight ducks have been stolen since the first of the year. The value of this poultry has been carefully

estimated at from \$3,500 to \$5,000 which shows the extent to the operations of chicken thieves in this one county alone and we of THE BUSINESS FARMER know that Oakland county is no exception to the general rule for thieves are working in every county in the state to a greater or less degree.

Arrests and Convictions

Since the arrest and conviction of Edward Colburn, Maxwell Station, Macomb county, and his brother Herbert E. Colburn, 156 Candler Avenue, Highland Park, together with Frank Kenney, Christy street, Macomb county and Homer T. Hill, Milton street, Royal Oak, there has been less chicken stealing in Oakland county. The two Colburn boys were sent to Jackson prison and the other men to Ionia with sentences of five to fifteen years each. Its going to be many a night before these boys work at their chosen profession of stealing chickens for that is what they told Judge Covert when brought before the court—that they had made the stealing of chickens their occupation.

When brought before Judge Co-

vert these men stated they had been unable to get work and that stealing chickens became an occupation with them when they found out, last Thanksgiving how easy it was to get a Thanksgiving dinner. Starting the first of the year they said they had made a regular business of it, using two new trucks. All four came from East Jordan where they had known each other as boys.

Believes Farmers Deserve Protection

"Chicken stealing is not considered a serious offense in some circles," Judge Covert remarked in passing sentence. "The state law, however, says it is burglary and the law fixes a maximum penalty of 15 years for conviction. Farmers are entitled to some protection. The farmer's wife spends much time raising a nice flock of chickens and then when they are large enough to be of some value, someone comes along and cleans out the coop, leaving nothing to the farmer's wife to show for all her hard work. It is most contemptible. It is done in the dead of the night when there is but little chance of being caught.

"We have had a lot of trouble from this source in this county in (Continued on Page 28)



While R. W. Anderson, of Clarkston, Oakland county, slept in his fine home thieves entered his chicken coop and took \$200.00 worth of poultry. The thieves were finally caught but Mr. Anderson was out his chickens.

THRU OUR HOME FOLKS' KODAKS



WADING IN THE CREEK.—Mrs. R. Roles, Gratiot county, sent us this picture of her nephews, Carl and Earl Trotter, of Illinois.



ALL READY TO GO SOME PLACE.—George, Gordon and Helen Marie Rose, of Isabella county, have their dog harnessed and hitched to the wagon and are now ready to go some place—we don't know where. The picture was sent in by G. W. Holcomb, Emmet county.



"DADDY'S HELPERS."—Twins, Maynard and Donald Wright, four year old sons of Mr. and Mrs. Fred Wright of Arenac county.



HER ARMS FULL.—Myra Ries, of Genesee county, with her dog, Rover.



A REGULAR HOMECOMING.—"Just celebrating a big time at Houghton Lake on August 22, 1926," writes Mrs. John Fox, of Isabella county. It is these "big times" that help us to get over the rough spots in life.



"WHOA, HORSIE!"—Raymond is the son of Mr. and Mrs. A. Longway, Sanilac county.



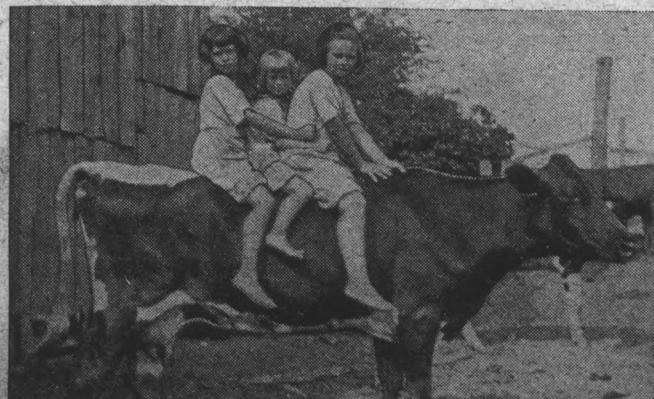
"EVERYBODY'S HAPPY 'CAUSE SPRING IS HERE."—That is the title that Ray Beach of Gratiot county, gave to this picture. Mr. Beach failed to give us the names of all parties shown here but the young man in the foreground is Frederick Oliver Beach.



THREE GENERATIONS.—Here we have Grandpa and Grandma Allen, of Oceana county, with their three daughters and three grandchildren. John Allen, Oceana county, sent the picture to us. Note the proud and happy look on the faces of Grandpa and Grandma.



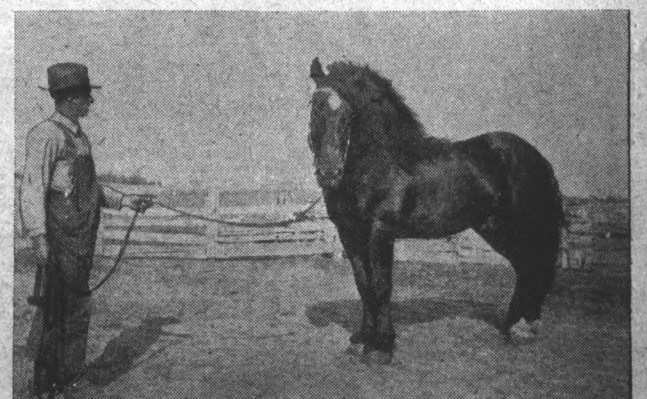
"ALL ABOARD!"—Mrs. Roy Yarger, of Barry county, says this is Beverly Dolph and Royden out for a spin. They better watch out or some speed cop will get them.



HOW IS THIS FOR A SADDLE HORSE?—Not so good you say? Well, Madge, Katherine and Alice enjoyed themselves on the Norris Stephens farm, in Lapeer county.

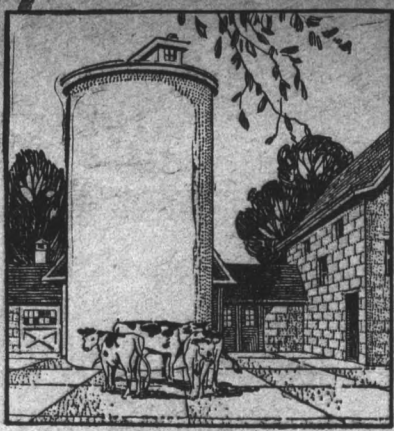


TALL SUNFLOWER.—This sunflower was grown on Chas. Gray farm, Missaukee county.



ISN'T HE A DANDY?—We are sure that Orin Reynolds, owner and holder of this fine stallion, will agree with anyone that he is. Mr. Reynolds lives in Clare county.

Sure Death to Corn Borers!



Government authorities agree that ensiling of corn is sure death to the European corn borer.

They also agree that silage increases milk yield, as numerous tests have shown.

Build a Concrete Silo Feed Cattle From It All Winter

A Concrete silo solves the winter feeding problem, especially when drouth makes short hay crops.

"Concrete Silos, Monolithic and Block" tells the whole story. Write for your free copy.

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A national organization to improve and extend the uses of concrete

Dime Bank Building, DETROIT, MICH.

Concrete for Permanence

"THE FARM PAPER OF SERVICE"

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

The Business Farmer, Mt. Clemens, Mich.

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This great NEW, Low Model Melotte retains all the best features of the World's Leading Separator, including wonderful Self-Balancing Melotte Bowl—plus a new, swinging, waist-high, porcelain supply tank and many big, new features that have started the whole dairy industry of Europe talking. Mail coupon now for Free book and learn all about this wonderful new separator.

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Farmers Service Bureau

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

SORGHUM IN MICHIGAN

Could I get a paying crop of sugar cane here in Sanilac county and would the corn borer work on sugar cane? I have a silo and will fill it with corn if corn grows this year. But only have a small farm and intend to feed 15 cows and would like to raise my own roughage. How is Japanese millet or billion dollar grass as it is sometimes called, for feed, and would it be like quack grass to get rid of?—Reader.

SORGHUM, frequently called "sugar cane," is not equal to corn in production of ensilage. In several tests we have found that the sorghum produces from two-thirds to three-fourths the tonnage per acre of corn. The sorghum makes quite a palatable ensilage, however, and is sometimes put in the silo. As a fodder crop, sorghum is not considered quite as good as corn but can be planted a little bit later and when seed corn is very scarce can be used as an emergency crop. It tends to leave the land in a more depleted condition than corn, the top few inches being quite compact and of a poorer tilth.

Japanese millet or billion dollar grass produces much less food material per acre than either corn or sorghum and is not to be recommended. I believe you will secure better results by using corn for both ensilage and fodder.—C. R. Megee, Associate Professor of Farm Crops, M. S. C.

DO NOT NEED STATE LICENSE

Will you please tell me whether a person would need a license to run a store? I would like to buy eggs, meat, chickens, etc., also sell those things and store goods. Would I need a store license to do that or what kind of license do I need?—F. B., Curtisville, Michigan.

NO state license is necessary to run a store, nor to sell therein the articles mentioned in your letter, to-wit: eggs, meat, chickens, etc., and store goods.

However, there are some cities, I believe, in the State that require city licenses, but in these cities the matter is covered by city ordinance and not by Michigan statute.—M. J. Smith, Solicitor, State Department of Agriculture.

CORN FOR SILAGE

As I am going to build a silo this year, I want to ask what other variety of corn can I plant besides Leaming Fodder corn that will produce as much tonnage and mature about a week or ten days earlier?—C. M. H., Pentwater, Mich.

DUNCAN Yellow Dent Corn produces a vigorous stalk and leaf growth, is earlier than Leaming, and would make an excellent silage corn for you at Pentwater. It probably will not yield as much gross tonnage as some of the giant types of ensilage corn, but better results in

feeding out silage are usually obtained when you have a variety that will come somewhere maturity. I believe Duncan Corn would give you fully as much feed value per acre as Leaming and would be somewhat earlier for you. Another variety even earlier than the Duncan, and otherwise possessing many of the same characteristics, is the M. A. C. Yellow Dent, which should mature in your locality, when seed is purchased from central Michigan.—H. C. Rather, Extension Specialist, M. S. C.

LAW APPLIES TO INJURY

If a person is a steady employe of a railroad company and gets sick while in their service, can he draw compensation or is this compensation act meant alone for injury? Is any one compelled to keep his chickens off from another man's property?—J. D., Dorr, Mich.

THE Workmen's Compensation Act does not apply to ordinary cases of sickness of employes, but applies to cases where the employe is injured in the course of his employment. There is no law in Michigan providing for the recovery of damages in the case of trespassing chickens.—Legal Editor.

REFUND OF GAS TAX

I buy gasoline from a gas company for agricultural work and they promise to give me papers to send in to get the gas tax off, but they fail to do so. What will I do to get said tax off?—C. S., North Street, Mich.

WRITE the Secretary of State at Lansing, for forms on which to apply for a refund on your gas tax. You should require the dealer to give you invoices when you buy gas, and should make your application for a refund within 60 days from date of purchase.—Legal Editor.

BOILING SYRUP

Can a person boil maple syrup in a copper kettle?—A. W., Sterling, Mich.

MAPLE syrup may be boiled in a copper or tin utensil. Galvanized pans are not recommended. The best product is obtained by rapid evaporation in a shallow vessel. Boiling the sap in a deep utensil will cause a darker and stronger flavored product, especially if fresh sap is continually being added.—R. F. Kroodsma, Extension Forester, M. S. C.

AMERICAN CITIZEN

If a man and wife, American citizens, are traveling on an American owned ocean liner and a child is born to said man and wife on an American boat flying the American flag but in French waters, is that child a French or American citizen?—A. T., Dollar Bay, Mich.

—A child born of American parents is an American citizen regardless of where birth takes place.—Legal Editor.

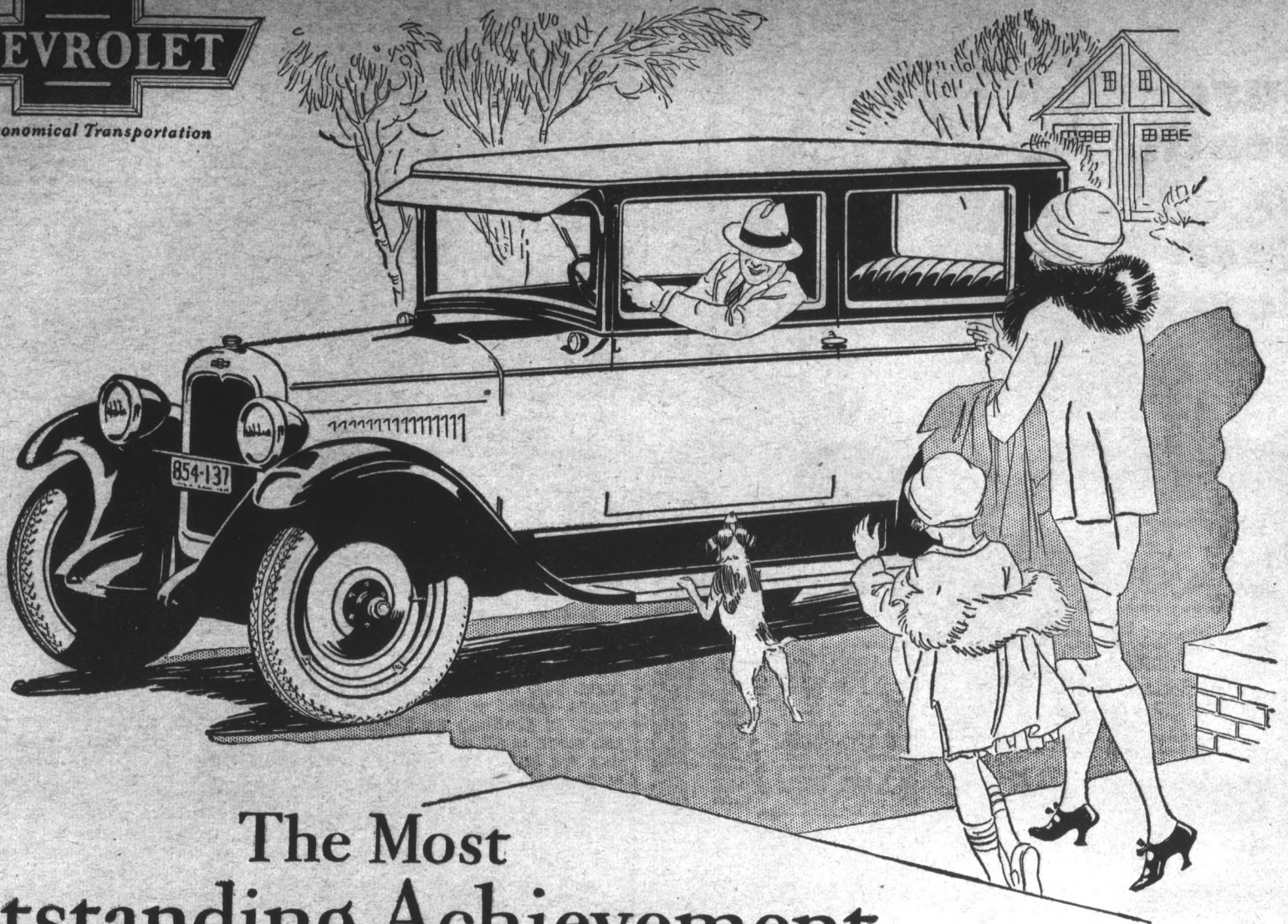
WHERE OUR READERS LIVE

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



SAGINAW COUNTY FARM HOME

"Our home, located on a 118-acre farm in Maple Grove township, Saginaw county," writes Mrs. Mary E. Elekholt.



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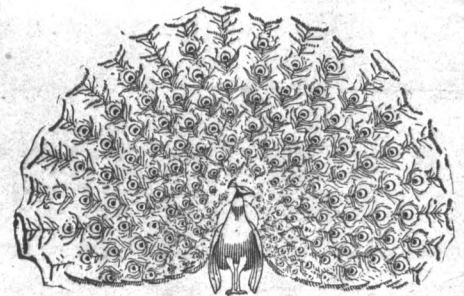
Bodies by Fisher . . . beaded, paneled and finished in attractive shades of lustrous Duco . . . smartened by narrowed front pillars, upholstered in rich and durable new fabrics . . . completely appointed, even to door handles located in the center of all doors.

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field—heavy full-crown one-piece fenders, bullet-type lamps and "fish-tail" modeling, which lends a distinguished sweep to the rear deck contours of the Roadster, Coupe and Sport Cabriolet. A new AC oil filter and AC air cleaner, added to the famous Chevrolet motor, assure powerful, smooth performance over even a longer period of time. A full 17" steering wheel, coincidental steering and ignition lock, improved transmission, a larger, more massive radiator, new gasoline tank with gauge, new tire carrier mounted on the frame and rigidly braced—all these are also standard equipment on the Most Beautiful Chevrolet.

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UNTIL you have used a BARKER Weeder, Mulcher and Cultivator, you can never know what a satisfaction, what a genuine pleasure a garden can be.

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I am more than pleased with the BARKER and must admit it is a dandy. My garden is a real garden and admired by all who go out of their way to see it. A garden without weeds is something worth looking at and a pride to the owner. I can go over all my garden in less than a day, where it took me a week before I got the BARKER.—Thomas W. Conlee, Jr., Sun-Set Cottage, Box 3, Franklin, Mass.



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Send Free Catalog and Special Factory-to-User Offer.

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Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

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

A Rainy Day

WHO would be brave enough to even guess at the work a farmer puts off with the idea he will do it the "first rainy day." Does he do it? Yes, in many instances he does, but so far this spring there have not been enough rainy days! Two or three such days have been in evidence lately and a few years back these days would have found us in the shop doing repair work on equipment of different kinds, and probably making some new things



L. W. MEERS

such as crates, a wagon box, etc. But rainy days, in the spring, on our farm find us in the potato storage. There seems to be no end to the work of grading, sacking, etc. until the stock is all delivered. The other day we had our first rainy day for some time, and we planned we would accomplish considerable in sacking potatoes ready for shipment. But did we? We just got fairly started when a car drove in, and our good friend allowed being as it was a rainy day he would come for his seed potatoes. We were glad to see him and before he left the next car came, and so on all day long. Most of these "local" customers furnish their own sacks and these must be filled and weighed while they wait. Not many years ago, the so-called local customers meant those living within a radius of six or eight miles, as that was about as far as any one would drive his team for seed potatoes. Local now means anywhere from eighty rods to eighty miles, and seemingly nowadays the farther a fellow drives his car or truck on this or a similar mission, the better he likes it. We enjoy having these "local" patrons call. There are always many things in common to discuss, and when one of them seems in a hurry to get away, we imagine he has a slow leak in one of his tires!

The Summer's Work

A friend was recently telling the writer how much work he had ahead of him for this summer, and he wondered if he could get it all done. Isn't that just like a farmer? Would you ever hear of a factory hand, a bank clerk, a grocery man or a barber looking ahead at his summer's

work and wondering if he could get it all done? No, you would never hear of them piling up a season's work and looking at it all in a bunch and worrying about it. A farmer sees things differently. He sees so many acres to plow, fit and plant. He sees the cultivating, the haying, the harvest, more cultivating, more alfalfa cutting, corn cutting and the whole season's work before him at one time, and it looms up like a mountain and seems almost as unsurmountable. But the work fades away day by day, one task blends into another and the week's somehow mesh together like cog wheels and these make the months go round until the last of November, when Thanksgiving time is announced, he finds his mountain of summer's work all done, and he wonders how it all came about. Well, how did he do it?

Simply by doing a part of it each day—and that is the secret of accomplishing the seemingly herculean task. A furrow is rather a narrow strip when compared to the field, but really count them up and there aren't so many furrows in the field, after all, and pshaw, it doesn't take long to make one furrow.

The factory hand, the clerk, etc. do not see a year's work all in one pile. The work is there the same as the farmer's work, but they don't see it. They just behold the day before them, or perhaps the week. They do not see the great pile of finished gears and auto bodies they have got to make during the year all as one job. They do not see the trainload of sugar and crackers they must weigh out in five pound sacks all as one job. So to my neighbor, who wonders how he will ever do all his summer's work: to my farmer friends, everywhere, I would suggest we take the factory man's and the clerk's view, and do a bit each day, and while we must plan ahead for our work, there is no reason why we should work it all ahead.

POTATO PRODUCERS MEET MAY 10 AT PETOSKEY

OFFICIAL notice of the annual meeting of the Michigan Potato Producers' Association, to be held in Petoskey, May 10th, has been sent out by Ernest Pettifor, of Gaylord, who is secretary of the association. According to the notice, the meeting is called for two o'clock in the afternoon, Central Standard time, and all potato growers are cordially invited to attend. A banquet will be given at the Hotel Perry at six o'clock by the association.

Plowing Under Tall Sweet Clover

"I NOTICED a picture of a field of sweet clover in a recent issue and thought perhaps you might like to see some of ours," writes Martin Van Deusen, of Clinton county. "This was turned under last July and due to the dryness and hardness of the ground I had to use the sulky which did excellent work—providing the plowman kept his seat. This field is in wheat now. In July, 1923, I plowed 14 acres alone with

just as heavy a growth using the tractor and 14 inch two bottom plow and did not experience much trouble. That was sown to wheat October 7th of that year, using 200 pounds 16 per cent acid phosphate per acre and yielded 50 bushels per acre. One should use rolling coulters only well set down and with the proper side adjustment not much trouble is experienced with the plow plugging, if the plow stays down to business."



Turning under sweet clover on the Martin Van Deusen farm, in Clinton county.

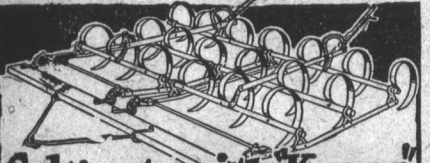
GEHL SILO FILLER

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Low speed means less power required, less vibration, hence longer life. The Gehl has all steel construction, non-breakable, boiler-plate fly wheel. Absolutely self-feeding. All gears enclosed—run in oil.

What a University Test Proved
A Gehl cut 19.26 tons per hour with only 13.26 H.P., elevating 35 feet and running 465 R.P.M.—the lowest power of any cutter in the test. It will do as well on your farm.

Auto Type Gear Shift for changing length of cut. Wonderful no-choke blower fills highest silos with low speed—3 H.P. and up will run Gehl cutters. Dealers everywhere—Write for name of nearest dealer.
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Cultivate with Kovar
You not only get all the quack and other noxious weeds out of the field, but your soil is well worked for planting. KOVAR worked land is ideally suited for beans and beets. Now is the time to prepare your soil for winter wheat and rye. Get free Folder
W. J. HARDY, Deckerville, Michigan, Representative.

Jos-J-Kovar Co. Owatonna Minn.

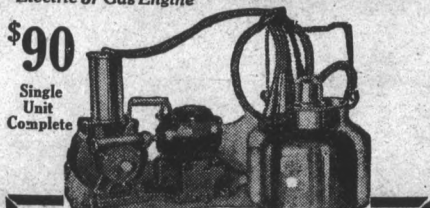


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OFFICIAL NOTICE
of Annual Meeting
Michigan Potato Producers' Association
The Annual Meeting of the Michigan Potato Producers' Association will be held at Petoskey, May 10th, 1927, at two o'clock P. M. Central Standard time. All potato growers are invited to be present. A banquet will be given at the Hotel Perry at six o'clock P. M. by the Association.
Membership fees (\$2.00) are due at the annual business meeting according to the by-laws of the Association. Please come prepared.
ERNEST PETTIFOR, Sec.

BINDER TWINE

In five or eight pound balls and as low as 11 1/2 cents per pound in quantities. Best quality and satisfaction guaranteed. Farmer Agents Wanted. Write for Sample and Circular.
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BULLETIN SERVICE

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LIST OF BULLETINS

- Bulletin No. 1. —POULTRY RATIONS.
- Bulletin No. 2. —MODERN WATER SUPPLY.
- Bulletin No. 3. —SOIL FERTILIZERS.
- Bulletin No. 4. —SEED CORN CURING, STORING.
- Bulletin No. 5. —THE GOSPEL OF GOOD FEEDING.
- Bulletin No. 6. —BEFORE YOU INVEST.
- Bulletin No. 7. —FARM SANITATION.
- Bulletin No. 8. —FIRST MORTGAGE BONDS.
- Bulletin No. 9. —FEED FROM EGG TO MARKET.
- Bulletin No. 10. —WHEN AND HOW TO DUST.
- Bulletin No. 11. —MINERALS AND FEEDING.
- Bulletin No. 12. —LINSEED OIL MEAL.

Bulletin No. 13.—FIGHT THE EUROPEAN CORN BORER. An excellent bulletin on the methods of controlling the pest which will interest every farmer. The illustrations include a map of the infested area and pictures of the various kinds of machinery used in the eradication work.

Bulletin No. 14.—A GOLDEN HARVEST FROM YOUR UNDER-GRADE APPLES. The modern method of extracting apple juice is the subject of this bulletin, and it tells some interesting things about selling fruit juice at the roadside. Making better cider vinegar is also discussed.

Bulletin No. 15.—RAISING DOMESTIC RABBITS. The production of domestic rabbits has increased rapidly during recent years and promises to become important. This bulletin has been prepared by the U. S. Department of Agriculture and contains the latest information

Bulletin No. 16.—TIRE CARE. A very little bulletin on how to get the most service from your tires. It gives you the proper inflation pressure and shows with illustrations what happens if you fail to give this matter your attention. Every car owner who is not a tire expert needs a copy.

Bulletin No. 17.—MICHIGAN FARMERS' TAX GUIDE. R. Wayne Newton, Research Associate in Farm Economics, M. S.-C., makes a special study of taxes so this bulletin prepared by him is of unusual value. It takes up assessing of property, levying and collecting taxes, sale and redemption of real estate delinquent for taxes, and contains a farm tax calendar.

IT'S A FACT

RULE FOR ESTIMATING HAY

HAY is often sold in the mow or stack where the weight has to be estimated. For this purpose 400 cubic feet of hay is considered a ton. The actual weight of 400 cubic feet of hay will vary according to the quality of the hay, time of cutting, position in the mow, etc. For making an estimate in a given case multiply together the length, breadth and height of the mow or stack in feet and divide the product by 400. The quotient will be the number of tons.

MEASURING CORN IN BULK

TWO cubic feet of sound, dry corn in the ear will make a bushel shelled. To get the quantity of shelled corn in a crib of corn in the ear, measure the length breadth and height of the crib, inside of the rail; multiply the length by the breadth, and the product by the height then divide the product by two, and you have the number of bushels in the crib.



AMERICAN STEEL & WIRE COMPANY



BANNER R. R. RAIL DESIGN STEEL POSTS

Better Fence for Less Work

Here are the steel fence posts you will find pay you best in long service, with less work to set up. Banner Steel Posts can be driven by man or boy, with ease. No post holes to dig; just drive with a sledge, or Banner Post Driver. And when driven they anchor at once, due to the slit wing anchor which makes as solid a post as any known.

But best of all is the Banner railroad rail design—one of the strongest forms of post construction known. Made with a steel backbone which provides the extra strength to resist strains. Read this guarantee, then get Banner Posts from your dealer and put your fences in better shape than they have ever been.

Banner Steel Fence Post GUARANTEE

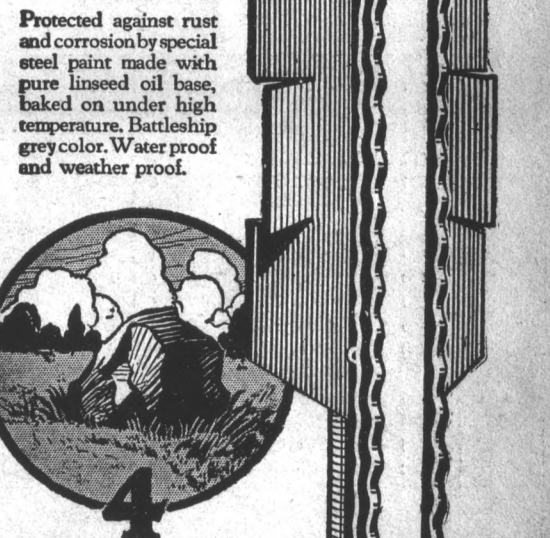
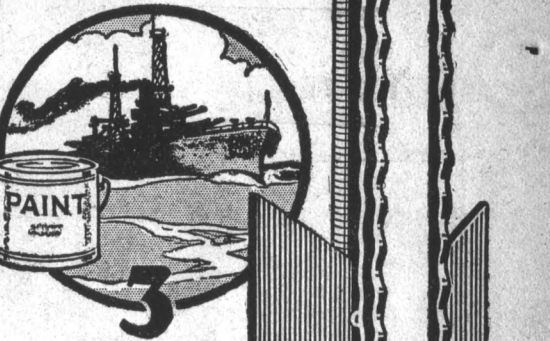
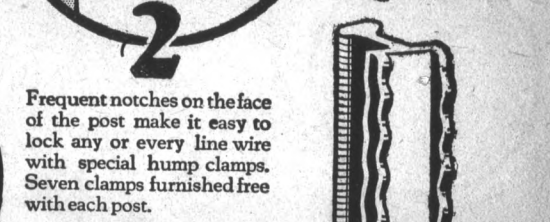
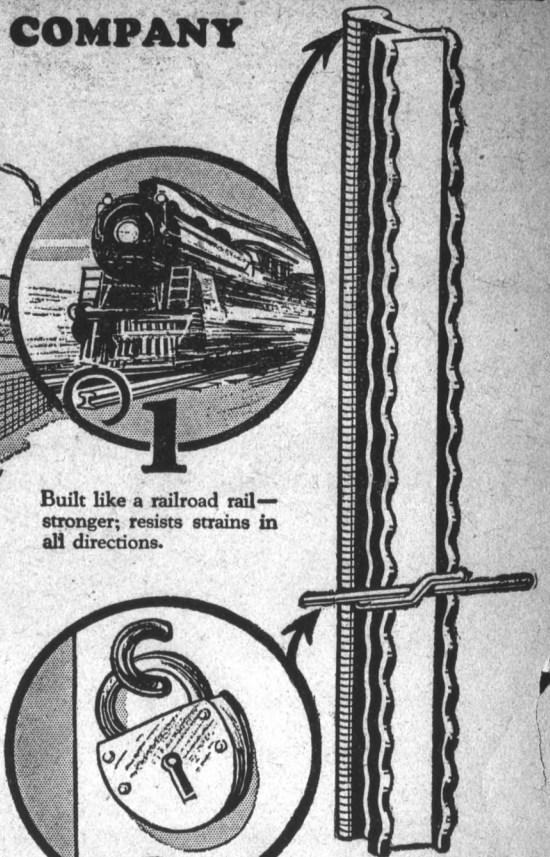
All Banner Steel Fence Posts are made of railroad rail design with heavy backbone reinforcing. They are made of NEW STEEL and are GUARANTEED to give the equal of or longer service than any other steel fence post of same weight which is used under similar conditions. Any buyer who will show that Banner Posts, purchased through his dealer, have failed to give this service, will be supplied by us with new posts, free of charge, and without delay.

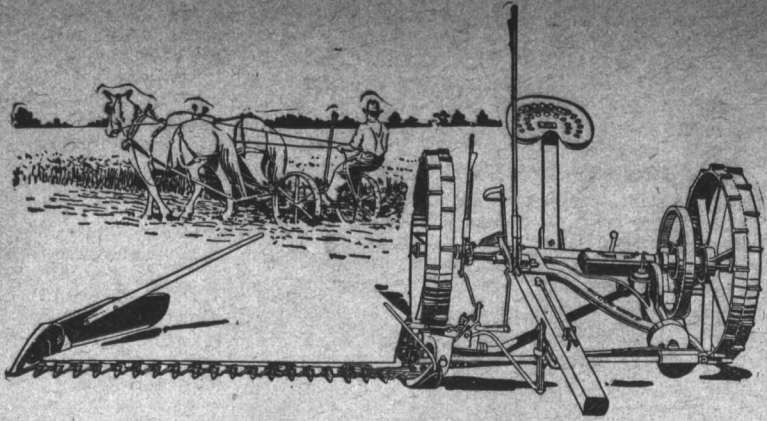
Banner Posts are not affected by frost. Your fence is grounded wherever a steel post is used and danger to your stock from lightning is greatly reduced. With Banner Posts the fence line can be burned off every year, thus getting rid of weeds, insects and rubbish. The clean farm grows the best and biggest crops and with the least labor and expense.

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Before you get once around your hay field, you will recognize the superior features built into the John Deere High-Lift Mower.

Its higher, easier lift with either foot or hand lever permits you to instantly meet with little effort every field condition as it arises.

John Deere High-Lift Mower

Its 21-point clutch insures instant starting of the knife in the heaviest hay.

Its patented balanced drive gears deliver maximum power to the knife. Its carefully-fitted cutting parts, made of highest-grade materials, insure clean-cutting for a longer period with less repair expense.

The simple field adjustments are easy and quickly made to keep the

John Deere in good cutting order.

Don't forget when repairs are necessary, you can easily make them right on the farm with ordinary tools.

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County State

MICHIGAN BUSINESS FARMER MOUNT CLEMENS, MICHIGAN

COUNTY CROP REPORTS

Branch.—There isn't much of any reports to be given in our vicinity at present. We have had so much rain the ground cannot be worked at all, as we are heavy on ground. It is still raining. Farmers are busy taking care of their sheep, having them sheared, etc. Eggs are only 20c doz.; butterfat at Litchfield where we sell our cream is 57c.—M. V. A., April 21.

Calhoun.—Farmers are busy disposing of last year's corn stalks and fitting their ground for oats. Have had so much rain everything is behind. Quotations at Marshall: Wheat, \$1.20 bu.; corn, 80c bu.; oats, 48c bu.; rye, 92c bu.; beans, \$3.75 cwt.; potatoes, \$1.00 cwt.; butter, 55c lb.; eggs, 22c doz.—M. M. P., April 27.

Wexford.—Weather warm. Rain the fore part of this week. Farmers plowing and disking. Road repair work still going on. Grass started enough to provide quite a little feed. Alfalfa looks good. Special lime, legume and livestock train stopped in Manton Wednesday. Quotations at Cadillac: Wheat, \$1.10 bu.; corn, 80c bu.; oats, 50c bu.; rye, 70c bu.; beans, \$5.00 cwt.; potatoes, \$1.67 cwt.; butterfat, 50c lb.; eggs, 19c doz.—E. H. D., April 28.

Saginaw (SE).—We have had some rough weather this past 10 days with frequent showers. Some snow and freezing nights. Farming operations nearly at a standstill, ground too soft. Early sown oats are up nicely but some to be planted yet. Wheat fields are very spotted but looking better since the rains. Meadows are starting nicely but still too short for grazing. Several miles of gravel roads to be built in this section this year. Quotations at Birch Run: Wheat, \$1.18 bu.; corn, 82c bu.; oats, 40c bu.; rye, 80c bu.; beans, \$4.05 cwt.; potatoes, 90c bu.; butter, 48c lb.; eggs, 23c doz.—E. C. M., April 28.

Midland.—Oats about all in and most of them under water. No beet ground ready yet. Very little can be done. Ground is so wet and it keeps so cold. We can soon go fishing and that will keep our minds off from the water standing on our fields. Quotations at Midland: Wheat, \$1.18 bu.; oats, 35c bu.; rye, 77c bu.; beans, \$4.05 cwt.; potatoes, 75c cwt.; butter, 50c lb.; eggs, 22c doz.—B. V. C., April 27.

Alpena.—Farmers here getting ready for spring grains. Some have sowed spring wheat and few oats. Weather has been warm with some rain but colder today. Quotations at Spratt: Wheat, \$1.00 bu.; oats, 50c bu.; rye, 70c bu.; beans, \$4.00 cwt.; potatoes, 90c bu.; eggs, 20c doz.—R. H., April 21.

Newaygo.—Farmers are busy putting in their oats. Weather being wet has delayed them some. Potatoes mostly all marketed, also beans. Not many auction sales this spring. Farmers and renters are sticking to the farms this spring. Not much corn on the market. Most all the farmers are using up their corn. Young pigs are commencing to sell now. Not many to be had yet.—E. M., April 21.

Tuscola (W).—On account of too much rain farmers are behind with the work of plowing under the corn stubble. It looks as though considerable of that work will be done in May. Wheat has been damaged some by the ice in the winter time. A smaller acreage was sown last fall on account of wet weather. Meadows are coming fine but some alfalfa killed by winter heaving. Live stock look fairly well this spring. Quotations at Vassar: Wheat, \$1.17 bu.; corn, 90c bu.; oats, 40c bu.; rye, 78c bu.; beans, \$4.20 cwt.; potatoes, \$2.00 cwt.; butter, 58c lb.; eggs, 22c doz.—J. T., April 26.

Cass.—Last night was the first night it did not rain for about a week. Oat sowing will be very late this year, but if the weather is just right there may be a good crop yet. The heavy rains of last week washed the hills of Cass county badly. It was good that there was not much ground plowed for corn as the most of it would have been in the hollows. Quotations at Marcellus: Wheat, \$1.16 bu.; corn, 70c bu.; oats, 45c bu.; rye, 90c bu.; butter, 55c bu.; eggs, 20c doz.—W. H., April 28.

Lenawee.—Farmers very busy sowing oats and barley; not over one-half done. Lots of poor seed corn. More grass seed sown than common. There will be forty per cent less corn planted than the average on account of the corn borer. Lots of cussing being done about the method of control as you cannot hire help. More potatoes will be planted than for years. Quotations at Cadmus: Wheat, \$1.20 bu.; oats, 41c bu.; eggs, 23c doz.—C. B., April 27.

St. Joseph.—Very wet weather is hindering the farmers considerable. Some oats to be sown yet. Early sown oats are up. Wheat is booming. Alfalfa and clover are



doing exceedingly well. Plowing for corn is the work of most farmers where ever it isn't too wet. Peppermint is starting. Farmers are reporting a poor crop of spring pigs. Lots of corn molded in the crib.—A. J. Y., April 28.

Hillsdale (NW).—Corn borer clean up coming along fine. Some oats yet to be sown. Some farmers plowing corn ground, others have theirs plowed. Lots of rain and cold weather holding pasture back. Alfalfa fields beginning to look fine. Good spring for baby pigs. Quite a few sows and pigs being sold at fair prices. Most everyone reporting good success with baby chicks this spring.—C. H., April 28.

Hillsdale (C).—Too much rain for oat seeding. Fact is the land is in many places more soft and wet than it has been for several years at this time in April. A large amount of barley will be grown this year. Corn borer talk is the main subject where two or three get together. Considerable loss in spring pigs is reported. Cows are in good demand by the number of buyers who call. Great competition for dairy products; creameries, condenseries, and whole milk stations. L. W. M., April 27.

Missaukee.—Spring work is held back by cold and wet weather. Not much oats in yet. Pastures are not picking up very fast, too many frosty nights. Fall grain on low ground very much spotted and some of it is being plowed up again. Dairy and alfalfa train due here this week, everybody to attend as most fields are too wet to work on. Cream 56c and eggs 20c. Most calves are vealed now and prices have been good.—J. H., April 26.

Berrien (N).—Hard frosts visited this section on April 1, 22, and 23. Sweet cherries and early grapes were considerably damaged. Strawberry buds were also damaged some. Peaches, apples, and concord grapes came through O. K. on all but the poorest locations. Rain has been plentiful lately. Weather has been ideal for development of apple scab. Price of lime-sulphur is 15c per gallon. Last year it was 11c.—H. N., April 28.

Mason.—Plenty of rain. Baled hay \$15.00, loose \$10.00. Little call for either. A few early gardens and peas are up. Early potatoes are planted. Horses and cattle prices better than last year. Cream prices stay up. Veal is 12c on foot and 14c dressed. However one farmer sent a six weeks old nursing calf (run with two cows all the time) to Scottville. Hired hand took the veal down to a local shipper, who gave him a check for \$9.20 for the veal which he claimed weighed 120 pounds and he claimed would not make a cent by shipping it. Those things are what makes the farmer fight the middleman. Quotations at Scottville: Wheat, \$1.07 bu.; straw, \$9.00; oats, 65c bu.; rye, 70c bu.; beans, \$5.50 cwt.; potatoes, 90c bu.; butterfat, 40c lb.; eggs, 20c doz.—G. P. D., April 26.

Saginaw (NW).—We had a big rain the 19th. Not much farming done since. Rain, snow and freezing all week. Farmers behind some. Oats to sow yet. Some are plowing. Land that is tilled is dry and some can't get on their fields. Wheat is coming on better since the rains. It wants warm weather. Oats are up that were sown early. Young clover wintered better than old meadows. Lots of old alfalfa fields killed bad. Quotations at Hemlock: Wheat, \$1.16 bu.; corn, 75c bu.; oats, 37c bu.; rye, 80c bu.; beans, \$4.05 cwt.; potatoes, \$1.30 cwt.; butter, 50c lb.; eggs, 22c doz.—F. D., April 27.

Branch.—Farmers have been put back with their spring work from so much rain. Some are not through sowing oats yet. Wheat on high land is looking good but on some of the low ground not so good. The new seeding is looking good in most places. We have had hard freezing nights that pulled some but with warmer days it will look better.—A. W. L., April 28.

(Continued on page 13.)

FRUIT AND ORCHARD

—Edited by HERBERT NAFZIGER, Berrien County—

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

RED RASPBERRY LEAVES EASILY INJURED BY SPRAY

BERRY growers who are thinking of spraying their red raspberries when the plants are in foliage should move with caution. Berry growers have been greatly



Herbert Nafziger

bothered by attacks of the red spider on red raspberries. To combat this pest they have tried various kinds of spray material. Experience has shown, however, that the same material which will give good results in one season will in another season burn the leaves very severely and cause great damage. We hope that the experiment station will get busy this summer and try to find a spray which will control the red spider without burning up the leaves.

CHICKEN MANURE AROUND BERRIES

I have a patch of red raspberries planted in hills. They are two years old this spring and would like to know if it would be alright to put two or three forks of chicken manure around each hill close so that when I cultivate it will not move it away from the plants.—F. H. Spratt, Michigan.

WE believe that the chicken manure will be alright for your raspberries but we would advise you not to pile the manure up close to the plants. Spread it out around the plants. This will enable the feeding roots to get it and will not concentrate too much in one place.

BUILDING UP OLD ORCHARD

The orchard here is very old and neglected. Please send me information about spraying and anything else that will help to put it into better shape again.—E. N., Palms, Michigan.

I PRESUME that the orchard in question is an apple orchard. The first thing that this orchard will need is pruning. This can be done at any time during the winter or early spring. When you start on a tree cut out all the dead wood first, then remove all branches which are interlaced or which rub together. If more thinning out of the branches is needed do it but be careful not to cut large "holes" or vacant places into the bearing surface. One of the main objects of the thinning is to let in sunlight so do most of the thinning in the top. If the trees are excessively tall head them back, but do not cut off any more large

ORCHARD PESTS

By Doris Baker, Ionia County

The chewers and eaters we must kill,
And if we can't the poison will;
For the leaves that are poisoned they will eat.

As do the rats the poisoned meat.
To kill these insects it's plain to be seen,

We must use arsenate of lead or paris green.

Arsenate of lead in the paste form
Is good for the chewers when the weather is warm,

One and a half pounds of poison's enough,

With fifty gallons of water will handle bugs rough,
Now comes the suckers, they too must be killed,

With external poisons, the pores must be filled.

With hard soap, hot water and kerosene.

A half pound the first, two gallons the next, that's plain to be seen,
This stops them from sucking the leaves that are green,

And also it keeps our orchards quite clean.

Use lime and sulphur solution for San Jose Scale,

This coats them o'er with a thin coat of mail.

branches than absolutely necessary because this practice causes sucker growth and large pruning wounds are often a starting point for heart rot. At all events do not try to do the entire job of renewing a tree in one year. Spread it over two or three years and the shock to the tree will not be so great.

Work the orchard early in the spring, as early as you can get on the ground, and if the trees have been making a poor growth, give them an application of nitrate of soda about three weeks before blossom time. Cultivate the orchard thoroughly until about the first week in July or a little later and then stop all cultivation and sow a cover crop, such as oats.

In spraying the orchard we would advise you to follow the regular spray schedule as outlined by the

experiment station at East Lansing. Send them a card and ask for Special Bulletin No. 140. This bulletin will give you all the information you need for your spraying operations.

DORMANT SPRAY

What is the best dormant spray for apple trees and also peach trees? Is there anything better for the blossom spray than plain arsenate of lead and water?—A. H., Willis, Michigan.

THE dormant spray most generally used by fruit growers is lime-sulphur diluted at the rate of 6½ gallons in 50 gallons of water. For peach trees the spray must be put on before the buds begin to swell and will control both the scale and the leaf-curl. For apples the spray can be put on any time until the tips of the twigs show green.

I do not know just what you mean by the blossom spray. Fruit trees should not be sprayed while in blossom as this is apt to kill the bees. No doubt you have reference to the calyx spray which should be put on

as soon as the blossom petals have dropped. For this spray use 1½ gallons lime-sulphur and 1 pound powdered arsenate of lead in 50 gallons of water. The lime-sulphur is for the scab and the arsenate of lead is for the codling moth or worm.

HE DIDN'T OWN OXEN

ON the picture page in our April 9th issue there appeared a picture of an ox team and several people. The information we had indicated that a Thos. Toland, of Benzie county, was the owner of the oxen, and we so stated under the picture. Apparently we were wrong as we now have a letter from Burley Brs., of Antrim county, advising us that the owner is Frank Prutki, their nearest neighbor, and that they raised the calves and sold them to this man.

Nobody likes a beggar. If you have anything to sell, don't whine an apologetic question "What will you buy from me today?" That would be classified as laziness. Tell your customers the merits of your goods or show him the quality, and he will quickly tell you how many.



How far will your car go before the miles begin to tell?

If you buy a new car every 10,000 miles or so, almost any car will give you satisfactory results.

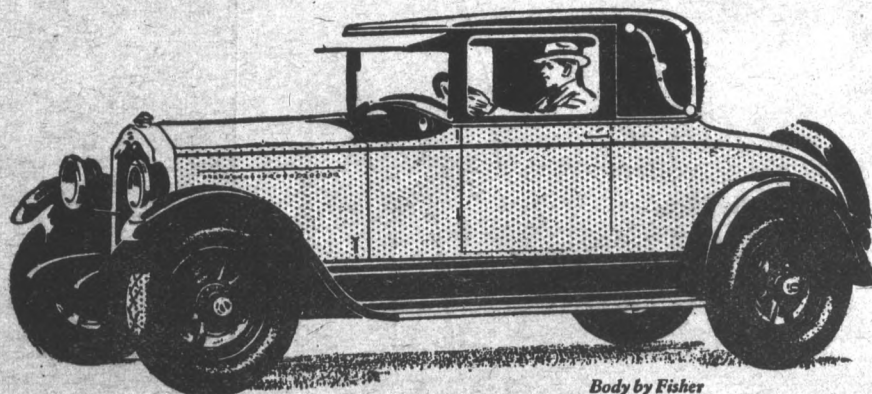
But if you want the same fine service on through the second, third and the many following tens of thousands of miles, buy a Buick!

Accurate tests at the great Proving Ground of General Motors, where all cars are driven and examined, show Buick's sturdy structure and powerful Valve in Head Engine still gaining in efficiency at the point in miles where other cars are distinctly on the down grade.

The unremitting care in Buick design, the constant tests at the Proving Ground, the unceasing quest for better performance—these are responsible for Buick's superior efficiency.

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The Sower and His Soil

A NON-SECTARIAN SERMON BY

Rev. David T. Warner

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

TEXT: "Hear ye then the parable of the sower." Matthew 13:18-23.

AND there were gathered unto him great multitudes so that he entered into a boat and sat; and all the multitude stood on the beach." The ruralist will have no trouble picturing this scene. Our Master would get away from the push of the crowd. He steps into a fisherman's boat and rows out into the lake a little way. The eager masses are on the shore, and out beyond and above are the little hill-side farms that get into His vision. A fine cement highway runs near my little farm in Michigan. Not so with those small Galilean farms. Foot-paths run crookedly here and there that were beaten hard by long traveling. This afforded the natural setting for this parable that came so suitably from Jesus' lips.

But why this parable? Jesus by now had got well acquainted with people. As a public teacher he had met all classes. He had answered questions and studied attitudes long enough to know what was in man. Now he is ready to describe the four kinds of hearers, or to show what kind of soil to look for in God's husbandry.

There, on his little hilly farm, is the sower at work broadcasting seed on his difficult fields. He has done this so often that his arm swings gracefully and accurately. But even so, some seed falls on the footpaths. Jesus spontaneously calls the listeners' attention to this, and remarks that this seed will be eaten by the birds. Of course, they understood so far. But he explains further there are hearts just like this. These had heard the "word of the Kingdom" but were too hard to understand it, and this all is the work of the "evil one."

What clever insight! How well this describes many modern hearts; hearts that are made hard by the pressure of just things! Social ideals and plans for community betterment are seeds that the devil quickly devours. How little impression the higher call makes upon the farmer who is wholly absorbed in personal affairs, on the covetous man known for his business tact, or the woman who is buried in her social engagements. These are well-nigh insensible to the Redeemer's call.

Not a few go to church, but leave their hearts elsewhere. The prophet says "When ye come to appear before me, who hath required this at your hands, to trample my courts?" These come ostensibly for worship, but their hearts are set upon the egg-crates, the litter of pigs, Monday's business transactions or the funny page in the Sunday paper. Sincere devotion and honest purpose to worship God are lacking. The voice of God is cried down by the clamorous call of self. Jesus is crowded out of his rightful domain.

But is there no hope for such hearts? Well, there is the same hope that there is for such soil. A ploughing and breaking up is the first essential. Trials, losses, and disappointments have been known to do this. Amid all the suffering and want in a far country, the prodigal comes to himself. Like a sweet dream he has visions of the old home and decides to go back. There is hope in a broken heart.

And there are the "rocky places." These are covered with a thin layer of soil that soon becomes moist and warm and sprouts the seed quickly. But it as quickly withers because of "no deepness of earth" in which to root. Have you any such heart-soil in your community? Do you remember the last revival when neighbor Brown got religion? It was the talk of the whole country-side. How grand and glorious for Brown to be converted? But the meetings closed and the preacher took his exit. And so did Brown's religion. There are not a few such surface hearts. They are quickly stirred but it is but a

superficial experience. Religion has not rooted to the depths so there can be no permanency. Such folks make good stage performers, but will not bare their backs to the difficulties of the narrow way. A way that is so rugged as the Cross, is not for them. Work is to be done and money is to be given, but these fake professors have a religion of othering; that is, they believe in letting others do it. Such folks are long on creeds and short on deeds. They soon become unsympathetic and uncharitable toward others. They will not allow their life-blood to be tapped for righteousness' sake. Jesus says they have no root in themselves. Certainly. Their religion is rooted only in the incidents of the occasion. It lacks intelligence and understanding. It lacks Christ. Can't these folks be helped? If so, their hard hearts will require some smashing blows. Let us hope the weathering of the years will condition them. That is usually the farmer's attitude, so he leaves this unpromising soil to the storms of fate.

"Sown among the thorns." How foolish, Mr. Farmer! Don't you know that if the briars and weeds are not rooted out the harvest will be checked? The tender growths can make no headway in a soil pre-occupied by weeds. And what are the weeds? Our Rural Friend says, "Cares of the world" and "Riches." Worldly worries and the delight of having money fill the focus of the heart. Jesus is partial and selective and demands the whole heart. He declares we cannot serve God and mammon. He condemns the man who takes just enough time for his religion to keep up a show of piety. The issue of this man's life is "unfruitful." He has gone to church for years and has come to know his conventional place, but his life has never come to fruition. It has plenty of pretention (foliage), but no fruit. Other interests and loyalties have sapped his vitality. Now, a tree does not bear fruit for itself, but for the welfare of God's creatures. So bearing the fruit of Truth and service for others is what takes the measure of a Christian. And this thorny heart cannot be helped until it renounces its love for material things, and seeks first the Kingdom of God.

"Sown upon the good ground." How well every farmer knows here is where he reaps his harvest. And this soil will produce a hundred, sixty, or thirty-fold, or according to its degree of fertility. Thank God for these honest and understanding hearts, who love the Truth and give the best of their lives to bring its redeeming charm and grace to others! Seeking first the Kingdom brings its own full harvest.

Finally, everyone is his own soil-fixer. He can plow up the heart trodden hard by earth's lumbering invasions, blast into condition the rocky places, root out the thorns of worldly anxieties and money-love, and open the life to the precious things of character. To do this is to hear perfectly. "He that hath ears to hear, let him hear."

BIBLE THOUGHTS

A NEW COMMANDMENT I give unto you, That ye love one another: as I have loved you, that ye also love one another. By this shall all men know that ye are my disciples, if ye have love one to another.—John 13:34, 35.

THOU SHALT LOVE THE LORD thy God with all thy heart, and with all thy soul, and with all thy strength, and with all thy mind: and thy neighbor as thyself. This do and thou shalt live.—Luke 10:27, 28.

When the spraying season is over, take the machine apart, wash it out, and clean and oil every connection and wearing surface.

What the Neighbors Say

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

OPPOSE SHORTENING REDEMPTION PERIOD

DEAR EDITOR:—At a directors' meeting of the National Farm Loan Association of Lapeer county, held in Lapeer, March 26, there was a unanimous vote cast for me to write to you and ask you to fight against the amendment of shortening the redemption period on a farm mortgage. As it is now we have one year to redeem a farm after foreclosure proceedings start.

Our reason is in case we have a bad year we still have another chance on another year's crop. We don't think it is fair to those who have farms now to pass such an amendment for when we bought them we had one year's protection and if we had not had this protection a great many of us would not have bought farms. We also think it will keep a great many others from buying farms.

Some moneyed men may take advantage of such an amendment, if it was passed, in case a farmer has had bad luck on weather conditions, sickness or any other cause.—Gottfred W. Weir, Lapeer County.

TAX-EXEMPT BONDS

DEAR EDITOR:—Say I wish to congratulate you for publishing in THE BUSINESS FARMER Wayne Newton's address before the Michigan State Grange, showing up the farmers' tax load. It is getting to be unbearable. Last spring when the supervisor came around, he cut our assessment ten per cent and last fall my taxes were almost \$20.00 more than the year before. That makes a man feel good. Land values are shrinking all the while what are we coming up against?

I am going to ask you a question. Why is so many learned men who have a remedy for the farmers' ills, high taxes, etc. never mention the taxless bonds? That might have something to do with high taxes as I read there are millions of dollars right here in the State of Michigan invested, not paying one cent of tax. Is that law a just law? I think it a dirty proposition on the tax-payer, I think you are doing a good work getting after the chicken thieves.—W. J. B., Allen, Michigan.

ABOUT SEVERAL THINGS

DEAR EDITOR:—I don't consider my ideas conclusive but I am about to expose my mind on some current events. I am in sympathy with that farmer that shot that chicken thief. I think the thief got just what he deserved. I think our trapping laws are a little wrong. We have open season on mink in February and March to take in anyway without traps. I think December would be better. One skin caught in December is worth as much as three in February or March. I catch a few skins not for pastime but for profit so why not take them while they are good. About tax reform I think a reform in spending would help a lot. I think the men that handle the taxpayers' money don't use it as they would their own.—O. D., Mesick, Mich.

DIFFERS WITH THE PRESIDENT

DEAR EDITOR:—Mr. Coolidge in his message vetoing the "Farm Relief" bill states that the solution of the farm situation must come from the farmer himself. This would sound better if the labor unions were not protected by government legislation in the shape of emigration exclusion laws and government legislation in the shape of tariff laws that protect the industries enabling these two, labor and capital, to unite and bring the farmer to his present state of slavery if not to final destruction. I see by the report of the Nation Industrial Conference Board that the average condition of the farmer today is six and one-half per cent worse off than it was in Grover Cleveland's time. This is not so bad as I thought it was judging from my own condition and of those that I am acquainted with. Don't you think it about time that a state meeting be called in every state in the Union for the

purpose of getting together all those that have the interest of agriculture at heart believing that it must be put on an equal basis with other industry and labor if our national prosperity is to continue and they form and put into execution an organization non-partial that will act united in getting a square deal for agriculture in local, state and national elections and also get fair favorable laws for agriculture and see those unfavorable are repealed?—C. E. Ackerman, Shiawassee County.

LAST WORD ON SLEIGHS

DEAR EDITOR:—The old saying is a woman will have the last word. Let's get the start of them this time. I wrote you an article nearly two years ago in favor of wide or standard gauge sleighs in reply to Mr. Newton of Saginaw. At

that time I wrote on theory and what I thought to be right. At this time I am writing from experience as I used a pair of wide sleighs this last winter. The job was done at an expense. Not an expensive job, for instance the two beams could be cheaply spliced for the rear bob. They do not tip over in loading or unloading or on the road. They follow the wagon or car track or make a wider track for themselves. People ask if they draw harder. I don't see why they should, especially after a few wide sleighs are using the road. Perhaps my sleigh is 50 or 75 pounds heavier than it was. What difference does that make? I would stop any time to let a nice-school-marm of from one to three-hundred pounds ride. Many say "I wish all or half or more of the sleighs were wide". That is not the way to get wide sleighs. Go to work and widen them out is the way to do it. One of my friends said "When it comes winter I tie Old Hank in the barn." I told him he was mighty glad last night when the doctor could step in his roadster and beat the stork by a nice little margin to his house even if he did have to make the last quarter of

a mile on foot, I believe wide sleighs are all right from every viewpoint.—A. G. Feary, Osceola County.

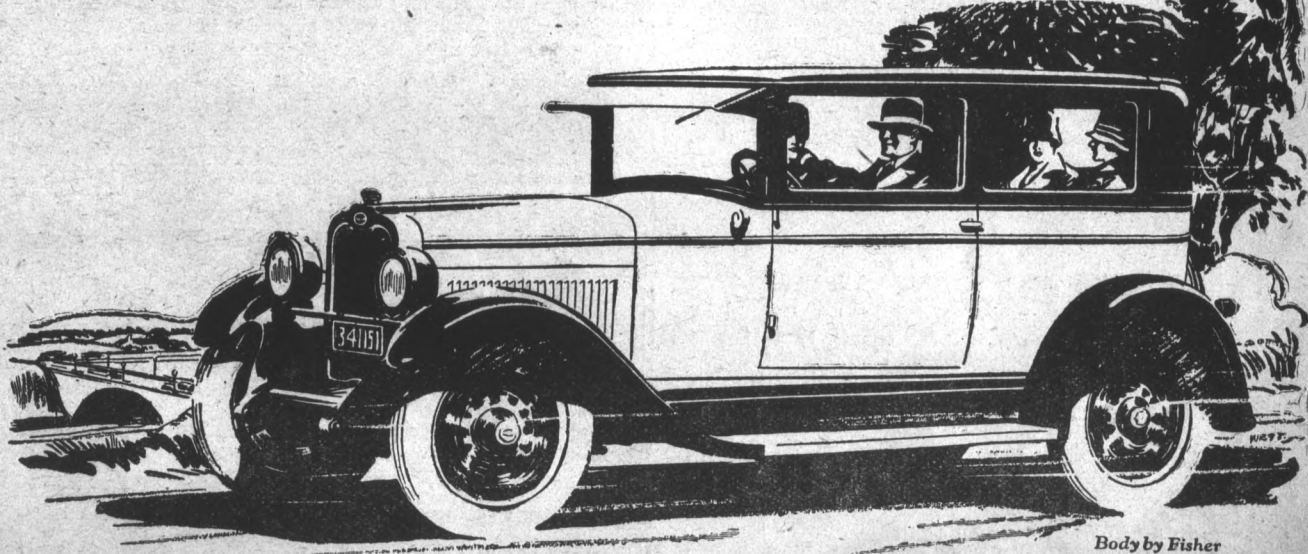
BELIEVES WILSON DID RIGHT

DEAR EDITOR:—I am a reader of THE BUSINESS FARMER and a farmer too. I am very much pleased with the way Mr. L. J. Wilson was tried and was proven to have been in the right. I often told my wife I would have done the same as Mr. Wilson did to arrest chicken thieves. We have several neighbors who lost all their chickens through thieves. So thanks for what you have done for us.—F. W. T., Gagetown, Michigan.

Enclosed please find check for \$1.00 in payment for my subscription to THE BUSINESS FARMER for three years. I would like to join your Protective Association which you have recently formed to prevent chicken thieves from getting away after trying to steal chickens in the various rural districts of Michigan. Please list me as a member of that Association.—Herman Poll, Ottawa County.

We think the paper just fine. Lost without it.—John Farma, Montcalm County.

"The result of precision construction is long life and enduring good will"



Body by Fisher

So much has been said and written about the standards of accuracy to which the Greater Oakland Six is built that "Oakland super-precision" has become almost an everyday phrase.

Owners, in discussing the car's flashing acceleration and buoyant smoothness... mechanics, when explaining the why of its infrequent repairs and adjustments—

—and even women, when exclaiming over Oakland's steadiness and steering ease—sooner or later use the words "super-precision," or others very similar. But we wonder, sometimes, if the users of that phrase really appreciate its profound significance. Do they know that in the manufacture of the the Oakland engine alone, eighteen operations are held to limits of

five ten-thousandths of an inch? That thirty-three additional operations cannot vary more than three ten-thousandths of an inch? And that three ten-thousandths of an inch is one thirtieth the thickness of an average human hair?

Yet, after all, what if they do not know it? What if they do not even care that Oakland has invested millions for laboratories and equipment to make such accuracy possible for the first time in a car of Oakland's price?

All they are concerned with is results... the result of precision construction, which is long life and flawless operation... the result of rigidly controlled quality, which is lasting owners satisfaction... the result of enduring value, which is Oakland's enduring good will!

SEDAN
\$1095

Oakland Six, \$1025 to \$1295. The New and Finer Pontiac Six, \$775 to \$975. Pontiac Six Commercial Cars, \$585 to \$770. All prices at factory. Delivered prices include minimum handling charges. Easy to pay on the General Motors Time Payment Plan.

OAKLAND MOTOR CAR COMPANY, PONTIAC, MICHIGAN

The Greater OAKLAND SIX

PRODUCT OF GENERAL MOTORS WINNING AND HOLDING GOOD WILL

The Michigan BUSINESS FARMER

SATURDAY, MAY 7, 1927

Edited and Published by
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George M. Slocum, President
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RELIABLE ADVERTISERS

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

GETTING ACQUAINTED WITH MEXICO

WE have a rare treat for you, folks. Mr. George M. Slocum, publisher of M. B. F. was a member of a party of farm paper editors of the United States to be the guests of the Missouri Pacific Railway and the Mexican government for three weeks recently. A carefully planned tour to study agriculture along the Mississippi River through Louisiana and Texas, across the border into Mexico, on down to Mexico City and even further south, was mapped out by the men in charge so as to give the editors a true picture of farming conditions in the South and in our neighboring nation. It was a wonderful trip and Mr. Slocum is going to tell you all about it, beginning at St. Louis, Missouri, where the tour started and ended. In this issue we have the first installment, other installments will appear in coming issues, and we urge that you do not miss this story.

MORE CHICKEN THIEVES IN PRISON

OAKLAND county is certainly an unhealthy place for chicken thieves to ply their trade. It was not long after we announced that we had posted \$1,000.00 to be paid out in rewards of \$50.00 each that we were called on to pay one to an Oakland county farmer who lost eight hens but later succeeded in landing the thieves and getting the \$50.00. At that time we were assured by Sheriff Schram that he and his deputies were doing everything in their power to put the chicken thief where he belonged—behind prison bars—and his record to date is one that he can be mighty proud of.

Several times we have thought that another reward would be paid in that county but it happened that none of the victims were subscribers to M. B. F., until the case of R. W. Anderson, of Clarkston, came to our attention. Two of Sheriff Schram's deputies went fifty-fifty on one of our rewards by working together and getting the evidence on four men who were later found guilty of robbing several chicken coops. Complete story appears elsewhere in this issue.

Oakland county can be proud of its sheriff, his deputies, its judges and other law enforcing officials for the way they handle the chicken thief problem. An example that could well be followed in other counties.

MR. AVERAGE FARMER

ACCORDING to figures recently released by the U. S. Census Bureau, at Washington, the majority of American farms are owned wholly by the farmers operating them. The average farm contains 145 acres, is valued at \$7,776, and the land exclusive of the buildings is worth \$40.85 per acre. Farm machinery and implements are worth \$422 and the buildings \$1,847.

Sixty-one acres is crop land, of which 54 acres is harvested, with 64 acres in pasture. A total of 24 acres is in woodland. Crops on this average farm include 13 acres of corn, 11 acres of hay, 8 of wheat, 6 of oats, 56 bushels of potatoes, 6 bushels of sweet potatoes and 11 pounds of tobacco. The orchard contains 22 apple trees produc-

ing 24 bushels of apples, 14 peach trees yielding 8 bushels, and four pear trees. There is a vineyard of almost 60 grape vines.

Mr. Average Farmer has three horses and a mule, 9 head of cattle, 8 swine, 6 sheep and 64 chickens. He sells 300 dozen eggs a year and 36 pounds of wool. Of 1,444 gallons of milk produced on his farm 418 gallons are sold with 7 gallons of cream and 166 pounds of butterfat. One hundred pounds of butter are also made.

Fertilizer takes \$38 of his income each year, \$118 goes for feed, \$26 for lumber, posts and firewood, and the hired help gets \$136.

The government report gives 6,371,640 farms, with a total population of 23,981,693. The figures show one farm in five mortgaged for an average of more than 40 per cent of its value. Only one out of every twelve owns a tractor and only one in 25 has a radio. The figures were gathered two years ago and since that time the number of radios has increased greatly over this figure. Also during the past two years the farm population is estimated to have dropped to 27,892,000.

Taking everything into consideration, just how near do you come to being an average farmer?

RUN TRUNK LINES THROUGH TOWNS

WE believe there is an old saw, "The longest way around is the best way home," referring to a fellow and his girl when they are out for a ride. Maybe we haven't quoted it exactly but that is the general meaning at least. Now we could apply this to our State highways.

If you are going some place to transact business and are anxious to get it over with and back home of course the shorter the distance the better you like it. But how often are you or anyone else in such a hurry? Seldom, we would say. Then when you are taking your time as you travel along you are interested in the scenery, are you not? We are and we have no reason to believe that we are any different than the rest of the folks. We would rather take a route 125 miles long through several towns and villages to reach a certain point than a direct road 100 miles long with no municipalities along the way, although it probably would take an hour or more longer. We believe that most people would agree with us as to which was the most desirable route.

Cities, towns, and villages are in the most prosperous and most fertile parts of the country.

THE FATE OF A CHICKEN THIEF

By Dora Youngs, Osceola County

We have all heard tell of the chicken thief,

Who comes around at night,
And takes away a flock at a time
Then hurries out of sight.

They made a visit in Greenville,
Only a few months ago.
They stopped at Mr. Wilson's coop,
Their skill they tried to show.

But Mr. Wilson heard them come,
And when they started to run
He told them not to run away
Or he'd fire with his gun.

They heeded not his warning
They didn't even stop;
Then Mr. Wilson kept his word,
And fired the fatal shot.

He tried to scare the chicken thief,
He didn't shoot to kill.
But he tried to protect his own property,
For most everybody will.

Now this has been a question
Ever since that night,
Whether it was considered as a crime
Or just a farmer's right.

We all sympathize with Wilson
And this is our belief,
If Mr. Wilson gets his freedom,
'Twill down the chicken thief.

When Mr. Wilson's trial was held,
The Judge let him go free,
The people's hearts are filled with joy
For he won the victory.

Now, this should be a lesson,
Which the chicken thief should heed,
And we hope he'll be a true American
And loyal to his creed.

MR. WILSON THANKS YOU

DEAR EDITOR: I received two checks, \$300.00 for Mr. Barden and \$100.00 for Mr. Johnson, for which I want to thank you and your many readers for the loyal support given me. I certainly appreciate it very much.—L. J. Wilson, Greenville, Mich.

The best farms of any section are usually near a municipality for at least two reasons; the founders of the city, town or village chose that location because of the desirability of the spot and surrounding country, and the farms become better than they were at first and continue to lead because of the nearness of the market for the products.

Then if our State highways lead through our municipalities, even though they have to be a few miles longer and cost a few thousand dollars more, our visitors and our own folks travel through the better parts of our fair State. Particularly does this appeal to our visitors, the tourists from other states, who are possibly seeing Michigan for the first time.

Gov. Fred W. Green has stated that he is in favor of such a policy, which is contrary to the one adopted during the Groesbeck administration, and we commend him for his stand. He has an eye to the future.

PUT UP A SILO

IF the European corn borer could have its way every silo in the country would be destroyed because the silo is one of its worst enemies. You see few silos in Canada where the corn acreage has dropped from 100,000 acres to 8,000 within recent years, and there is reason to believe that much less than 8,000 acres will be planted this year in Kent and Essex counties where borer infestation is 100 per cent. In this country where the silo plays a prominent part in the feeding program on most of our farms producing corn in any quantity the borer will not have things so much its own way. Farm lands in Kent and Essex counties, Canada, are said to have declined \$25 per acre in value because of this pest. It doesn't take long to pay for a silo at that rate.

CLEAN-UP-WEEK

GOV. FRED W. GREEN has set aside the week of May 16 to 21 as Clean-Up-Week and urges the people of Michigan to remove all rubbish and inflammable material from dangerous proximity to buildings. Figures show that 75 per cent of all fires are caused by carelessness. Last year there was a total property loss of \$17,538,503.26 from 18,309 fires, according to the State fire marshal. Much of this could have been saved if we had been more careful.

Of course, this Clean-Up-Week applies mostly to our cities and other municipalities, but there is plenty of need to observe it on the farm. In the city they have fire protection while in most parts of the farming sections there is practically none. Let's make every week Clean-Up-Week on the farm.

GOOD OIL WELLS SCARCE

ON this page in our April 9th issue we had something to say about Michigan's oil wells. You will remember that we stated there was oil in Michigan in paying quantities but for you not to get excited or over anxious to sign any leases, or rent or buy more property than you can successfully handle, thinking that you are going to get rich from an oil well. You will find the statement of Charles W. Haensel, secretary of the Saginaw Board of Commerce, of interest. Saginaw is, you know, the oil center of Michigan at present.

Mr. Haensel says that 90 per cent of the oil areas around that city are failures so far. Summing up the situation he says there are 155 wells in the district yielding around 1,800 barrels, or an average of 11 barrels daily. This is only a profit of \$10 a day at present prices. Then when you take into consideration the fact that it costs from \$9,000 to \$12,000 to drill a well you realize that it will be some time before an actual profit is shown.

COMING EVENTS

July 19-23.—International Baby Chick convention, Grand Rapids, Mich.
August 1-4, 1927.—International Country Life annual meeting, M. S. C., East Lansing, Mich.
August 4.—Farmers' Day, Michigan State College, East Lansing, Mich.

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

THE PUBLISHER'S DESK

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

"EVERETT" STILL ACTIVE

I read in the M. B. F. about "Everett" representing the "Never Idle Poultry Tonic." Today a "Mr. Everett" called at my house selling the "Never Fail Poultry Tonic." He was about five feet tall, heavy set, blue eyes, wore gray felt hat, lumberjack shirt and dark pants. He had another man with him, about the same size but a little older. They were driving a Ford roadster, about 1920 model, with a truck body. He wanted to cull my hens but I would not let him. He said his tonic would kill worms and body lice. It was \$1.50 a bottle or \$10.00 a gallon and he offered to take seven old hens for a gallon. The tonic was to be put in the drinking water. They had a chicken crate with them. Is this the same "Everett" you have warned us about?—R. L., Cass County.

WE cannot say whether or not this is the same "Everett" we have written about in our columns several times, but we do know that his "tonic" will not do what he claims it will. There are no internal remedies that will kill external parasites, and the next time some fellow tries to sell you one which he claims will just show him the road, then go into the house, get the sheriff on the phone and tell him which way the fellow went.

HAS THE PICTURE AGENT CALLED ON YOU?

EVERY year at about this time we have a siege of spring fever, house cleaning and enlarged picture agents. Once in a while the latter fails to put in an appearance but usually he is "Johnny-on-the-spot", although the publicity he has received through M. B. F. has just about ruined his game in the rural sections. At one time the farmer was the chap he could "fleece" the easiest, but that was before we turned the spotlight on him. Since that time he has received a cool reception at the home of our readers.

Has he called on you yet this spring? One of the men here at the home office tells us that he was "favored" with a visit from one the other day. When our friend opened the door he was asked by Mr. Agent, "You received a letter from me recently, didn't you?"

"As I don't know who you are or what your business may be I can't answer that question," was the answer he got. Then he gave his name and stated he was with an art house located in Chicago. As he began to talk about the "beautiful" enlarged pictures being put out by his concern he took from his pocket a handful of envelopes. Holding the envelopes before our friend he suggested that he draw one and started to explain how he might be lucky and get one that contained a coupon that entitled him to a free picture. We say "started to explain" because that is as far as he got before our friend opened up on him and told him what he thought about the proposition, about the company, and last but not least about him for working such a scheme. At first Mr. Agent tried to act offended and put up a defence but he soon found out that it was of no use because our friend knew what he was talking about so he beat a

hasty retreat with our friend calling after him, "And when I do want any enlarged pictures I will go to a local photographer because then I am sure of satisfactory work at honest prices without any misrepresentation."

If one of these agents calls on you turn the dog loose and let him do his "darnedest." These cusses are so tough and poisonous that it might prove fatal to the dog if he tried to make a meal on one of them but one good nip will not make him very sick. If you have no dog try applying the toe of your shoe to the proper place as he is headed away from you. A broom or rolling pin in the hands of a woman also works wonders in getting rid of these agents.

FITTING EYES BY MAIL

An enclosing advertisement sent out by the True-Fit Optical Company of Chicago and would like to know if they are reliable.—Subscriber, Mecosta County.

PERHAPS this company is thoroughly reliable, we cannot advise as to that, but why even consider the proposition of properly fitting your eyes with glasses by mail? You would not employ a blacksmith to operate on you for appendicitis, would you? Still the chances of the operation performed by the blacksmith being a success would be just about as good as the chances of getting your eyes fitted properly to glasses by mail.

Your eyesight is too precious to experiment with. Go to someone who makes it his business to fit glasses and have him make a thorough examination of your eyes. Sometimes poor eyesight is caused by some ailment elsewhere in the body, and when that is corrected there is no need for glasses. Find out from one who knows.

USE OF MAILS DENIED HOSIERY "MILLS"

THE Victor Hosiery Mills of Philadelphia, Pa., has been denied the use of the mails by the U. S. Post Office department. William Victor, who operated no mills, was conducting his business from a furnished room by means of advertisements featuring "Men's Silk Socks," "Men's Silk and Wool Hose," and "Men's Wool Hose," endeavoring to sell merchandise through the mails. Investigation revealed that the hose were chiefly cotton, cheaply made and in some cases imperfect—decidedly different in quality from that which prospective purchasers were led to expect from his advertising.

WEEKS CARBURATOR

DEAR PUBLISHER:—I noticed in M. B. F. of April 9th that one of the Clare county subscribers would like to know about the Weeks Super Carburetors. Will say that I do know all about them. I sent \$3.00 for one of them and any one wanting one can get mine for postage to cover cost of mailing. The only thing I ever got from the use of it was an overheated engine. We used ours for a couple of trips and found it useless. The old carburetor on our Ford has it beat forty ways.—W. J. L., Cedarville, Mich.

I wish to express my gratitude to you for your aid in securing a settlement of my claim against the _____ Company. Your second letter brought results as I received a check for \$5.00 a few days later, with explanation that their records showed my claim settled but no check forwarded. This is just another lesson in united effort. Thanking you again and hoping I may be able to reciprocate in the near future, I am.—A. N. Larsen, Allegan County.

I am writing to thank you for the help in getting me my money from the Tire Company. They sent me a check yesterday for \$4.09. When I sent the tire back they sent me another that I wouldn't accept. Then they sent me a check. If it hadn't been for you I never would have gotten the money. I will always be a booster for THE BUSINESS FARMER.—George C. Holmes, Grand Traverse County, Michigan.

The Collection Box

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

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

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

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

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

Report Ending April 29, 1927
 Total number of claims filed..... 3002
 Amount involved.....\$31,549.90
 Total number of claims settled..... 2506
 Amount secured.....\$29,212.24

How many "Good Things" are really GOOD?

You know the fellow who always has a speculative "good thing" which he will tell you about in confidential whispers. But did you ever make a real check-up on these so-called "good things"?

If you did you'd probably find that for every one that would have made you money, there were 19 others that would have involved the loss of your entire investment.

The safer, surer and wiser way is to invest systematically in the First Mortgage Real Estate Bonds offered by the Federal Bond & Mortgage Company.

For then you incur no risk of losing your money, and you can build up an estate in an amazingly short time.

We have worked out a plan of investment which will suit your needs, whether you invest \$10 or \$1,000 each month.

6 1/2%
 First Mortgage Bonds

[Send for our booklet describing this plan. Just tear off the lower portion of this advertisement, write your name and address on the margin and mail to us.]

Federal Bond & Mortgage Co.

Federal Bond & Mortgage Building
 Detroit, Michigan

1913

WHEN WRITING TO ADVERTISERS PLEASE MENTION MICHIGAN BUSINESS FARMER

LEADS STATE IN AUTOMOBILE INSURANCE

Large Increase in Business for April

15,000 More Cars Insured in One Year than Any State Competitor

REASONABLE RATES

TWELFTH YEAR OF SUCCESS

State-Wide Organization to Give Prompt Adjustments

Increase in Business and Assets as follows:

Dec. 31, 1922	\$226,499.45
Dec. 31, 1923	375,945.95
Dec. 31, 1924	565,225.96
Dec. 31, 1925	704,152.41
Dec. 31, 1926	840,845.24

The leading farmers insure in this company because the local agent and the home office are convenient to give prompt service on claims.

Call on the local agent or write to the

CITIZENS' MUTUAL AUTOMOBILE INSURANCE COMPANY
 Howell, Mich.

Better

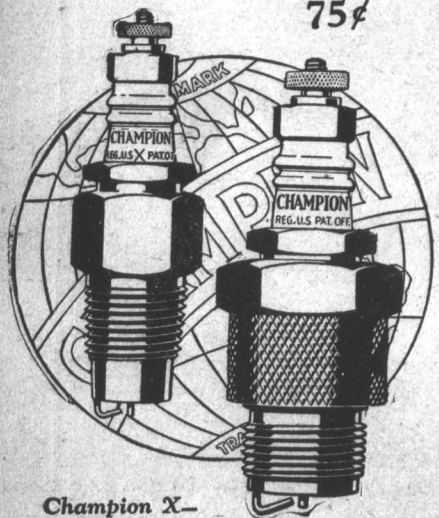
For Cars, Tractors Trucks and Stationary Engines

On two out of three farms you will find Champions the choice for better performance in tractors, trucks, stationary engines and all other engine-driven farm equipment.

This preference for Champions on the farm duplicates the world-wide preference for Champions among millions of motorists—further emphasizing the fact that Champion is the better spark plug.

Car manufacturers recommend, and hundreds of thousands of motorists are changing spark plugs every 10,000 miles to insure better and more economical car operation. This is true, even of Champions, in spite of their world-wide reputation for remarkable long life.

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



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

60¢

CHAMPION

Spark Plugs
TOLEDO, OHIO



Millbank Brings Back Its Bacon

How a Protective Association Solved the Neighborhood
Thievery Problem

By W. E. DRIPS

(Continued from April 23 issue.)
DIDN'T say anything but kept right on going as I wasn't anxious Mike should know what I found. Say, I couldn't get home fast enough. Jim was getting the car shined up to take the family to church when I came up. I showed him the tag, without saying anything and he looks at me and says, "Well, what's the joke this time?" "Nothing," says I, only I found this down to the Dike house," and then I proceeded to explain further. "Well, I swan," was Jim's reply, and instead of going to church, him and me went back that afternoon to see what else we could find. We looked all over the place and couldn't find another and anyway finally gave it up as a bad job. "Anyway," I says. "It's a clue," as we was riding home. "Yep, Bill," Jim replies. "You found an ether can at Frosts as a ghost clue and now you got one of my markers for a clue to my hog stealing, but so far there ain't nothing else. When you going to produce the stuff?" Well, I didn't care for that kind of kidding. Right there I made up my mind to get busy and solve the mysteries. Just how I wasn't sure, but Jim let me keep the ear marker as a beginner and hoped I'd have better luck with it than he had. Meanwhile the sheriff continued to take all the praise that was bestowed on him by folks for capturing a gang of bandits. It looked like the News was satisfied and they was writing nice things about Mr. Thomas, "our local arm of the law." But the praise was short lived. Just before the fall term of the grand jury met we had a big storm. It was a terror as far as the wind was concerned and the worst thing it did was to put the light

again. Well, Jim excused the hold up, and with profuse apologies to Mike, permitted him to depart. "That darned sheriff," says Jim, causes more trouble than he does good. Come on, Bill that's enough for tonight. I might have shot one of the neighbors on account of that cuss. Say, Mike is sure a genius. Getting that ol' rattle-trap to working. I s'pose he will haul more junk than ever to his place, now that he can travel faster." Next day I made up my mind I would call on Mike. I wanted to see the car. We weren't so busy on the farm, so I told Jim I wanted to go see Mike, and he agreed. Said as long as I was up half the night on account of the fool sheriff, I ought to expect a half-day off to catch up on sleep. So I proceeded to call on Mike. When I arrived, Mike wasn't in sight, and I wandered around through the junk piled here and there, hoping to find the car and inspect it. I spied the auto under a lean-to shed and was heading that way when Mike came out of the barn looking excited and hurried over to me. "Hello, Mike," I sang out. "Come over to see the car. You sure did a good job fixing her up." "Glad to see you," he says. "Just putting out some stuff for the hogs," and he sat a couple of pans down over by the house. "Hogs sick?" I asked, concerned like. "Not exactly," Mike explained. "They are off feed, and I think maybe a little of this worm remedy will help. By the way, what did you hear from the sheriff this morning? Hope he caught the fellers he was after." "No, they didn't; least, that's the latest report I had. Jim is so blamed mad to

WHAT HAS HAPPENED SO FAR

THIEVES were active among the farmers in Millbank township although things quieted down right after they stole six hogs from Jim Barton. Folks had their own ideas as to who the guilty parties were but they had no evidence on anyone so nothing was done until one night old Mrs. Shaster was shot at when trying to keep someone from carrying off her chickens. Right then and there it was decided to organize a protective association and get busy. Bill, former apprentice of the local county warden who was working for the Bartons because of poor health, decided to solve the mystery if possible and get the reward of \$100 which the association had offered. In the last installment he found one of Jim's hog markers which led him to believe that he was on the right trail. And that is where we left him.—Editor.

plant on the bum. So Carter was in darkness for several days and folks had to resort to lamps again. Then the next thing happened. While Carter was struggling along as best it could without its electricity one night the jail was held up. One man walked up to the jailer and hit the turnkey over the head, took his keys, unlocked the cells and Thomas' swell catch of bandits just naturally walked out and disappeared. Maybe you think there wasn't excitement when the turnkey came to and staggered upstairs and routed Thomas out of bed. Thomas sent out calls for help wherever he could and it was one of these calls that got Jim up to answer the telephone. They wanted him to call out his association members and patrol all roads and see if the bandits couldn't be captured again. Thomas sure put up a swell appeal, Jim said afterwards, and I guess he knew what the News would say if he didn't act fast. Jim did get some of the boys to turn out, but they got tired of waiting along the roads and nothing happening so we didn't catch anyone. We was just about ready to turn in when we saw a car coming down the road and Jim says, "Well, here's our chance. Maybe this is some of the gang, so look out." The car wasn't moving fast so Jim didn't have any trouble stopping it. Jim isn't afraid much. I'll hand him that but he was all ready to shoot when the car stopped. "Come out and be recognized," Jim yells. "Sheriff's orders to stop all travelers, who are you?" Maybe you think we wasn't surprised when the driver says sure and out gets Mike Albert. "Well, I swan!" Jim exclaims. "What in time you doing out this time o' night and driving a car like that?" Mike was laughing, like he thought it was a good joke, and says, "Don't blame you, Jim, for being surprised. The thing that surprises me is that I got so close to home in this wreck before it stopped again." Then Mike proceeded to tell how he had got the wrecked car assembled and running and how he had gone to town to hunt up some parts. He had left town all right, he said, but not being used to the car, he stalled it up the road a few miles and had been tinkering with it for a couple of hours before he got it started

think he might have shot you last night, he ain't the same today." "Well," Mike says, "you know I came near not stopping. I wasn't used to the gears and brakes, and almost forgot to put on the right brake, I was so scared. Well, get in, and we will back the thing out and I'll show you how she runs." I got in all right, but the bus would not start. Mike discovered the reason and had to get out and go to the house to get the ignition key. Said he would be back right away. But several minutes went by and he didn't come, so I decided to look around. Was curious about what was the matter with his hogs, so decided to look at them. Went over to the pen, or over to the place where Mike had come from, but didn't see any signs of a hog. Was just turning to look another place when I saw Mike running around the barn toward the house. Thought it was funny, too, as he could have got to the auto shed by coming direct, but supposed he had forgot just where he left that key. So I turned to go back to the car and wait, as I hoped he would be along in another minute. Well, he came out all right and I mentioned I had been over to look at the hogs and had seen him ducking back toward the house. Mike looked at me kinda funny just then, but before I could say anything, he says, "Yep, I left that blamed key out there in the barn. Was afraid I'd lose it when I was putting down hay, and hung it on a nail and then forgot it." He soon had the car running with a terrific noise and rattle and we backed out into the road. Then the darned thing stopped, and we tried and tried but it wouldn't do nothing but sputter. Well, Mike cussed, and I did, too, but it didn't help or start the car. Then Mike had an idea. "I got a can of high test gas I used to start her the other day," he says. "Wait here and I will get it." He left me sitting there, and soon came back with an ordinary oil can and we raised up the hood and opened the pet cocks and he squirted the mixture into the cylinders. He closed them and set the can down, and then cranking the car and it started off fine. (Continued in May 21st issue.)

Money spent in culling chicks is money saved.



Ceresota Flour



Delight Your Home Folks

Order a sack of CERESOTA from your grocer. There is no substitute for good flour. It's real economy to use Ceresota. Goes farther and makes better bread.

The Prize Bread and Pastry Flour of the World—
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THE FARM GARDEN

By C. H. HARNDEN
(Questions Gladly Answered.)

COMPANION AND SUCCESSIVE CROPPING

IN travelling through the rural districts I have often noticed farm gardens located at an inconvenient distance from the house and have often wondered if the garden would not have been more enjoyed and more healthful vegetables eaten if it had been located nearer the farmstead. At times these inconvenient locations may be justified due to lack of space near the house, but whenever possible at least a small space near the house should be devoted to raising the vegetables most relished and used most often by the family, which will vary of course with the family in question.

By companion and succession cropping it is possible to materially increase the productiveness of a small plot of ground, not to mention the advantages to be gained by so doing.

As an illustration of companion cropping as practiced here at Maple-side Gardens we set our early cabbage 18 inches apart in rows two feet apart. Between each cabbage in the row we set a well grown lettuce plant and between the rows we sow radish seed.

The crops follow each other in quick succession. Radishes first, followed by lettuce and cabbage.

The lettuce in conjunction with the cabbage tend to shade the ground thus conserving moisture needed for the cabbage and keeps the weeds down.

The cabbage maggot which often destroys early cabbage will attack the radish in preference to the cabbage and many of them will be destroyed when the radishes are harvested even though they do some damage to the radishes.

As an illustration of succession cropping we often grow a crop of radish or spinach followed by a crop of beans or late cabbage and follow this up with turnips or bagas. Either of the above outlined methods may be varied under different conditions and aside from increasing the production of the garden they will also decrease the labor and time required to care for the garden.

It may also tend to keep the house garden nearer to the home, which I am sure the housewife will appreciate. The garden so located can be cared for at odd times when the time available would not justify going far from the house such as a few moments before or after dinner or supper.

KILL OUTWORMS

Can you tell me of anything to put on or in the ground that will kill cutworms? I have a large garden about one acre and the past two years the cutworms have taken everything I put in it till in July so I get no early garden at all.—C. B., Maybee, Mich.

THESE pests are usually more troublesome on land that has recently been in sod, but sometimes invade stubble land. Personally we have never been troubled by them to any great extent, but the following poison is widely used and recommended: ten pounds bran, ½ pound Paris Green, quart cheap syrup and two gallons water.

Mix the bran and Paris Green together dry, dissolve the syrup in the water and add to the bran. Scatter thoroughly over the field. In a small way wrapping paper may be wrapped around the stem of transplanted plants and left project 1½ or 2 inches above ground. This method is not to be recommended on extensive acreage.

Thoroughly remove all trash such as weeds, corn stalks, etc., from garden as the cutworm frequently winters over in such.

APPLES HAVE VALUE AS FEED FOR DAIRY COWS

APPLES may be fed to dairy cows and other cattle with results nearly as good as when corn silage is fed, for ripe fruits have about 40 per cent of the feeding value of corn silage, according to the New York experiment station. All classes of stock relish apples, pears and similar fruits, and no bad effects should follow if they are fed properly.

Greater } Performance
Roominess
Long Life

Prove **CHRYSLER "50"**

Greater Value

In its truly extraordinary results Walter P. Chrysler and his corps of engineers gave the public something immediate, something convincing, something final and conclusive with which to measure Chrysler "50" against and above anything around its class—either in six or four cylinders.

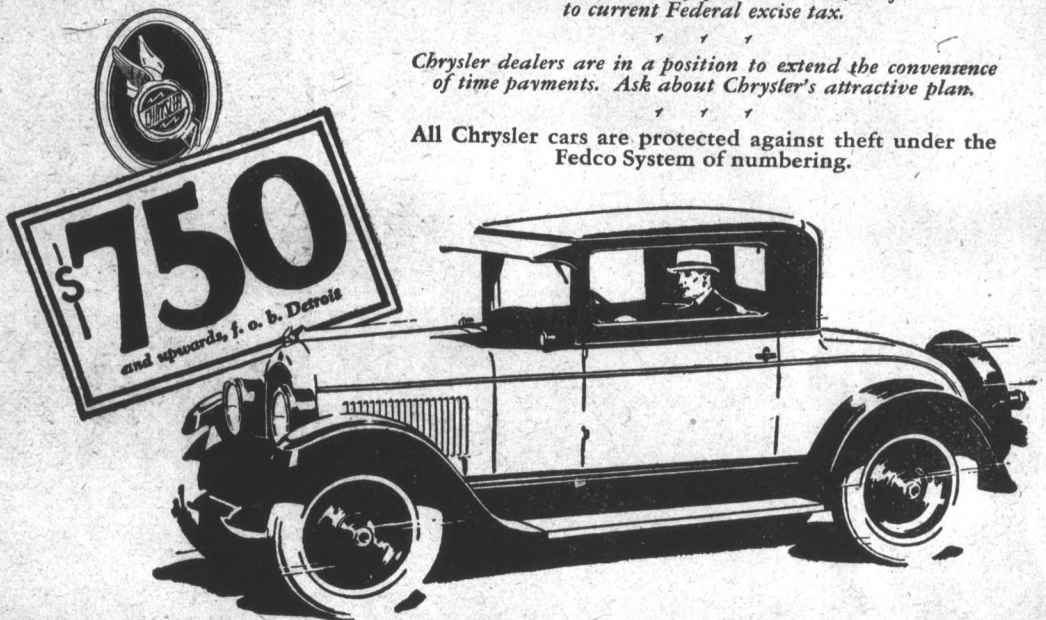
From its very introduction Chrysler "50" has won overwhelming public acceptance for what it was designed and built to be—the giant of its class in Standardized Quality, outstanding performance, full family size, complete appointment and every essential that makes for indisputable value.

Coupe, (Genuine-leather upholstery) \$750; Coach, \$780; Roadster, (with rumble seat) \$795; Sedan, \$830; Landau Sedan, \$885; f. o. b. Detroit, subject to current Federal excise tax.

Chrysler dealers are in a position to extend the convenience of time payments. Ask about Chrysler's attractive plan.

All Chrysler cars are protected against theft under the Fedco System of numbering.

50 and more miles an hour.
5 to 25 miles in 8 seconds.
25 miles to the gallon.
Full-sized with ample seating capacity for all passengers.
Mohair plush upholstery.
Chrysler smartness and beauty.



CHRYSLER MODEL NUMBERS MEAN MILES PER HOUR

GOT YOUR PAD FOR THE MARKET REPORTS? If you haven't received one of our pads for taking down the market reports broadcast at 6:40 o'clock, eastern standard time, through WGHP, write for it. The wave length is 270 meters.

Her Asthma and Cough Are Gone

Suffered 15 Years. Found Quick Relief. No Sign of It Now.

Readers who have been tortured by asthma or bronchial trouble, will be glad to know how Mrs. Amanda Kincaide, 1483 Lafayette St., Detroit, Mich., ended the disease. She says:

"I had asthma for fifteen years. I was very weak, had no appetite, and my cough was awful. It smothered me so I had to sit up in bed for hours, to get my breath. I am 60 years old, and had almost given up hope of ever being well. One day, I read in the paper what Nacor had done for another lady, and decided to try it. After the first few doses, I began feeling better and kept right on getting better, gaining in weight and strength. My asthma is gone, I have no cough, and am feeling fine in every way."

This remarkable letter is just one of hundreds received from sufferers, from asthma, bronchitis, and severe chronic coughs, telling how their trouble left and never returned. Their letters and a booklet full of vital information about these stubborn diseases, will be sent free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how serious your case seems, it can do no harm to get this free information, and find out how thousands have been restored to health. Write for it today.—(Adv.)

NEIGHBOR DAVE SAYS—



"Nice words on th' tombstone sometimes cover a multitude o' sins, an' anyhow they're most too late to be any use as character reference.

More satisfyin' to get th' posies while we can smell 'em.

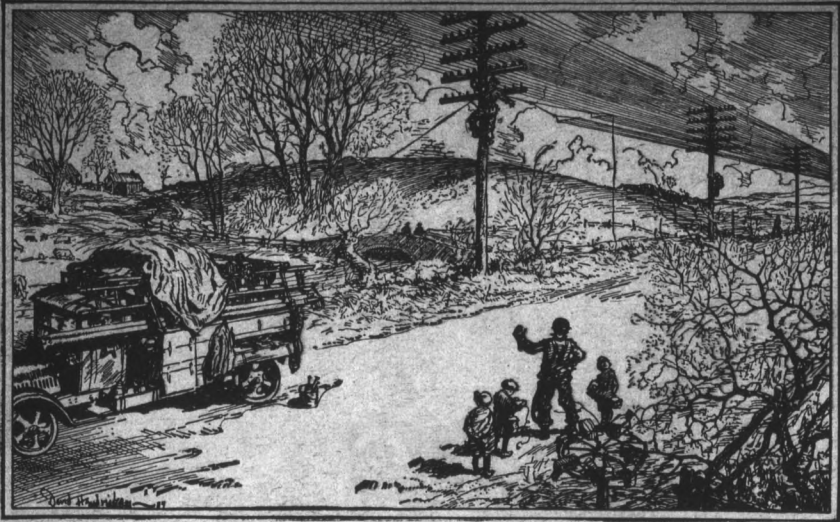
LEADCLAD is gettin' kind words every day from th' folks. They're testifyin' to its strength an' long life.

That's what it's made for. The thick, heavy jacket o' lead keeps a medium weight LEADCLAD fence strong an' sound long after th' heaviest ordinary fence has rusted away. We got LEADCLAD fences in th' heavyweight, too, if you feel you like that kind.

They all have th' same long life. I'll see you get samples, an' details of th' LEADCLAD CLUB OFFER if you'll write to me. Address NEIGHBOR DAVE at th' Leadclad Wire Co

PS.— I want to tell you about LEADCLAD LAWN FENCE. MOUNDSVILLE, W.VA.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE MICHIGAN BUSINESS FARMER



Communication for a Growing Nation

An Advertisement of the American Telephone and Telegraph Company



The first telephone call was made from one room to another in the same building. The first advance in telephony made possible conversations from one point to another in the same town or community. The dream of the founders of the Bell Telephone System, however, was that through it, all the separate communities might some day be interconnected to form a nation-wide community.

Such a community for speech by telephone has now become a reality, and the year-by-year growth in the number of long distance telephone calls shows how rapidly it is developing. This super-neighborhood, extending from town to town and

state to state, has grown as the means of communication have been provided to serve its business and social needs.

This growth is strikingly shown by the extension of long distance telephone facilities. In 1925, for additions to the long distance telephone lines, there was expended \$37,000,000. In 1926, \$61,000,000. During 1927 and the three following years, extensions are planned on a still greater scale, including each year about two thousand miles of long distance cable. These millions will be expended on long distance telephone lines to meet the nation's growth and their use will help to further growth.



THE CHILDREN'S HOUR CLUB

Motto: Do Your Best
Colors: Blue and Gold

Mildred Darby, President
Thomas McCarthy, Vice-President
Uncle Ned, Secretary-Treasurer

As a member of The Children's Hour Club I pledge myself:

- To live a Christian life and keep the Ten Commandments.
- To do my best in everything I do.
- To be true to my country, the United States of America.
- To do at least one good deed each day.
- To assist the less fortunate than I.
- To be considerate of others.
- To be kind to people and to animals.
- To become educated.
- To always conduct myself in a way that is becoming to a lady or gentleman.

got first prize. Then we had a lunch, after we got through eating, Frula King, that is another of my chums, told fortunes. I was dressed up like a man gypsy. The ones that got their fortunes told had to pay a penny. Our gypsy name was Mr. and Mrs. Moonshine. I wish the cousins could have been there. Well I must sign off for tonight.—From your niece, Anna Whetbeck, Gregory, Michigan.

—It certainly would be some large party with all of the members of the Children's Hour there, wouldn't it, Anna? Fact is, I think it would have to be held out of doors because there are so many that we could not find a house large enough to hold all of them.

Dear Uncle Ned:—If I don't see this letter in print I'll be like one of two kings that fought but I hope to see it in print. Once two kings were fighting against each other. One king lost his army, they got scattered all over and the king came to a cave and went in and laid down. He saw a spider trying to spin a web from one rock to another. Six times the king had tried to get his army together and had failed. Six times the spider had tried but failed. At last she made ready for the seventh time and that time she made it. The king then arose and got all his scattered army together and won victory. So I'll be like him. I would like a card with the motto on it. If you have enough please send me one.

I'll be taking up all the room so will close. Hoping to see my letter in print, I am your want-to-be niece—Madonna Chaney, Route 2, Morley, Michigan.

—You win, Madonna. It would be impossible to resist you after that story. Come again.

Dear Uncle Ned:—I received my pin and I thank you for sending it. I am going to see if I can get some new members. May I ask you one thing. How old should they be before they can join The Children's Hour? I hung up my pledge card in my room. I will try to get some pictures to send to you. I will send you my picture soon.

How many children do you have to get before you can have a club of your own? Where I live out here it is nice and we have good roads. I will do all I can to help the club. Your friend.—Elton H. Hickmott, Route 3, Box 107, Birmingham, Mich.

—Glad you like your pin and will try to get some members. You can start a club with only two members and add to your membership. It makes no difference how young they are, just so they read and enjoy the Children's Hour.

A Game to Play

SACKED

GIVE each guest to a party a yellow sack which he must put on over his head, punching holes for the eyes, nose and mouth. Charcoal and black crayons are applied so that each one may draw any facial expression he desires on his own face. When all have put on sacks, they start shaking hands with each other, calling by name anyone whom they recognize. If a person's guess is correct, he is privileged to mark a large X on the face of the one whose identity he guessed. The one who first gets his face full of X's is taken in hand by the leader of the game, and penalized in any way to suit the audience.



A NEW YORK STATE FRIEND

All of you will remember the interesting letters from Nora Hann, of Franklinton, New York, that have appeared on this page. This is Nora, herself, with her dog.

DEAR girls and boys: I am told that forgetfulness is a sign of old age. If that is true I will have to admit that I am getting old, although I hate to do it. Now, what do you suppose I forgot? Some of you may know but not very many I'll bet. Well, I forgot to give a closing date for our Book Contest. How many of you thought of that when you read about the contest in our April 9th issue?

Because of my forgetfulness I must now announce the closing date. It shall be May 9th which will give you just one more chance to send in a letter if you have not already done so. Letters must reach my office not later than noon of that date.

It makes me very happy to see how great the interest is in Our Club and I am enrolling new members daily. If you have not judged yet you can do so at any time. All you have to do is accept our pledge which appears on this page and send in two cents as an initiation fee. Also be sure to give your complete name and address as well as your age and date of birth. Then your name will be entered in our membership book and you will receive a membership button and card by return mail. You can wear the button while the card which contains our pledge is to be hung up in your room.

If you can form local clubs among your friends let me know so I can help you. I am sure you can have great fun holding meetings this summer. You can make these meetings regular picnics with plenty to eat and lots of games.

We are led to believe that spring-time is when the poetical side of our nature, if we have any, comes to the top, and we are most inclined to write verses at that time. The large number of poems received during the last few weeks indicates there is much truth in this statement. And most of these poems are really excellent and would be a credit to people many years older. I only wish that I could do as well. Also I appreciate all the stories, drawings and pictures I am receiving. You may be sure I want more of them and will use all I can.—UNCLE NED.

Our Boys and Girls

Dear Uncle Ned:—I received your letter telling I could join the merry circle. I sure was glad. Now I will try to win a pin by writing a story. I hope I can but anyway I will do my best as our motto is.

The Party

One of my girl friends had a Valentine Party. We sure had fun. Now I will tell you what we did. We played games for a while and then there was a paper donkey hung on the wall and we had to try to pin a tail in the right place. Well, I got the booby prize. After that we told jokes. The one that told the best was to get a prize. Well, what do you know, I

20 for your old separator

Trade in your old machine on an improved Sharples Tubular. Why worry along with an old separator that is losing cream when this improved Sharples will give you heavy, uniform cream and as clean a skim as ever accomplished?

New positive jet, leak-proof feed. All the best features of the old Tubular with many new improvements. Before you repair or buy, investigate our liberal trade-in offer and new low prices. Write today.

THE SHARPLES SEPARATOR CO.
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West Chester, Pa.

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Send for our FREE Book on Modern Farm Buildings and learn how thousands of far-sighted farmers are putting up permanent, fire-safe, Kalamazoo Glazed Tile buildings at no greater first cost than good frame construction.

THE OLD RELIABLE KALAMAZOO SILO

Wood stave or glazed tile. Kalamazoo tile silos are fire-safe, frost-proof, moisture-proof, and acid-proof—the biggest profit-paying opportunity for your farm offered anywhere today. Pays for itself in one year. Don't wait. Prices are low—right now. Save money. This FREE Silo Book Tells How. Write for it.

KALAMAZOO TANK & SILO CO.
Dept. 54
Kalamazoo, Mich.

DON'T WEAR A TRUSS

BE COMFORTABLE—

Wear the Brooks Appliance, the modern scientific invention which gives rupture sufferers immediate relief. It has no obnoxious springs or pads. Automatic Air Cushions bind and draw together the broken parts. No salves or plasters. Durable. Cheap. Sent on trial to prove its worth. Beware of imitations. Look for trade-mark bearing portrait and signature of C. E. Brooks which appears on every Appliance. None other genuine. Full information and booklet sent free in plain, sealed envelope.

Brooks Appliance Co., 318 State St., Marshall, Mich.

Every Day You Need KRESODIP No. 1

(STANDARDIZED)

TO AID IN KEEPING All Livestock and Poultry Healthy

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

THE FOLLOWING BOOKLETS ARE FREE:

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

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

ANIMAL INDUSTRY DEPARTMENT OF
Parke, Davis & Co.
DETROIT, MICH.

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300 STRAWBERRY PLANTS \$2 POST
150 Sen. Dunlap—150 Warfields 2 PAID
HAMPTON & SON, R. 6, Bangor, Mich.

House Frowns on Raising More Road Funds

(Continued from Page 3)

compensation of Senators and Representatives may be justifiable, we certainly disapprove of the bill which is being speeded through the Legislature to raise the compensation of Justices of the Supreme Court from \$10,000 to \$15,000 per year. Why should those who interpret our laws be paid all out of proportion to those who draft and enact them?

State Officials Want More Pay

We don't feel any enthusiasm over the bill to give the State Administrative Board power to boost the salary of the State Health Commissioner, Chairman of the Securities Commission and Director of Conservation. As long as it has always been possible to obtain good men at the present \$5,000 salary we see no crying need for raising the remuneration for these jobs to \$7,500 or \$10,000 as proposed. The House failed to pass this bill by the narrow margin of four votes, but it was reconsidered and tabled and may be passed any day.

Then there are 15 or 20 executives of the various State educational, penal, corrective and charitable institutions who seem to have banded together in a league to present a united front in demanding higher salaries. Some of these may possibly be warranted. However, we feel that in passing judgment upon such matters, the lawmakers should not forget that many of these heads of State Institutions have their residence, high-powered automobile and practically all their living expenses furnished by the State, and hence their salary, whatever it is, is largely "velvet."

The function of government is to protect the many against the few, to defend the majority of decent citizens against the smaller group who would exploit them. It is a perversion of government to tax the many unreasonably to follow the behests of little cliques, forgetful of the desires of the over-whelming majority of citizens.

FIFTH ANNUAL CORN GROWING CONTEST FOR 1927

WHO will be the 1927 Corn King of Michigan? The Farm Crops Department of Michigan State College will again conduct a five acre corn growing contest among Michigan farmers. Last year, Paul C. Clement of Britton was awarded this honor when he obtained a yield of 90 bushels of shelled corn to the acre.

This year the State has been divided into three districts. The sweepstakes prize of 80 rods of wire fence donated by the Keystone Steel Wire Company and 80 steel fence posts donated by the Red Top Steel Post Company will be awarded to the grower having the greatest mar-

gin above the cultural cost of producing his crop.

Three prizes will also be given in each of the three districts: 1st—1 ton of 20 per cent acid phosphate, donated by the Supply Service of the Michigan Farm Bureau; 2nd—½ bushel of Hardigan alfalfa seed, donated by the Seed Service of the Michigan Farm Bureau; 3rd—50 pounds of binder twine, donated by the Michigan Industries Inc., of Jackson, Mich.

Entries for the contest close July 1st. Last year, many growers sent in their entries too late in the season. Each contestant must be a member of the Michigan Crop Improvement Association. He keeps an accurate account of the seed, fertilizer, labor, etc., used in producing his crop. In the fall, his field is sampled by a representative of the Crops Department and his yield determined.

The Association will award a gold medal to the growers producing 100 bushels of shelled corn or over, a silver one to those with a yield of 85 bushels and a bronze one to the growers having a yield of 75 bushels or over.

Applications blanks may be obtained from county agricultural agents and from the Farm Crops Department of Michigan State College.—Donald Kline.

CROP REPORTS

(Continued from page 10.)

Monroe.—Good weather and roads in country places improving. Farm work is progressing nicely. Much care is being given to destroying the corn borer. Prospect is good for fruits in this section. Potatoes not priced in market list but good potatoes for planting can be had as low as \$1.00 bu. Prices vary greatly on potatoes for table use and quality also varies. Supply is plentiful. Quotations at Monroe: Wheat, \$1.20 bu.; corn, 90c bu.; oats, 38c bu.; rye, 90c bu.; butter, 45c lb.; eggs, 20c doz.—F. H., April 28.

Washtenaw.—Have had three hard frosts the past week. Some damage done to fruit buds. Some oats remain to be sown. Some wheat fields look good. Others have large spots of winter killed plants. Farmers are as a rule cooperating splendidly in the corn borer campaign. Pastures and meadows are very backward. What farmers can do if they cooperate was shown in the recent election when the Washtenaw farmers elected their candidate for school commissioner on a non-partisan basis against the opposition candidate who carried the cities with a large majority. Quotations at Ann Arbor: Butter 45c lb.; eggs, 27c doz.—A. W. S., April 29.

Shiawassee.—Farmers doing best they can to get rid of corn stalks. Some fields too wet to plow. Large acreage of oats in but not all sowed. Freezing has damaged alfalfa and other clover very bad. Most wheat looking good. Pigs scarce. Cold weather holding pasture back.—G. L. P., April 29.

It rarely pays to cut or grind hay, except for horses doing very heavy work.



The Carpet Stick—a Relic

NOTHING harder to keep clean than the farm-house rug—takes a lot of beating and sweeping—but no woman does this on the electrified farm.



All G-E products are marked with this monogram. On motors for vacuum cleaners, sewing machines, water systems, or for general utility, it means that the design of skilled engineers has been carried out with the best material and workmanship. G-E motors are doing the hard work of the world both indoors and out. To insure lasting service look for the G-E monogram when you buy MAZDA lamps, Wiring System, or any other electrical equipment for the farm.

If you are on an electric line or hope to be soon, ask your electric power company for a copy of the G-E Farm Book which explains many uses for electricity on the farm.

Electricity cleans carpets and rugs with a vacuum cleaner for a few cents a day. Washing, pumping, cooking, and sewing can also be done cheaply by electricity. The electric refrigerator keeps things cold. Electric motors do heavy outside work—such as hoisting, grinding, and sawing. MAZDA lamps provide instant, cheery light for house and barn.

The old "carpet stick" is put away and everybody enjoys some spare time on the electrified farm.

GENERAL ELECTRIC

MICHIGAN MILKMAKER DAIRY FEED



Insist Upon This Trademark

The local co-op or farm bureau agent can supply you. If you want to know about the success others have with it, write Dept. D.

THE M. F. B. SUPPLY SERVICE
LANSING, MICHIGAN

The Song of the Lazy Farmer



MY NEIGHBOR'S feeling pretty sore, he says each year his tax is more, it keeps a-goin' up and up, they tax his car and tax his pup, they tax his poultry and his swine, in fact, they go right down the line and tax him on each bloomin' thing he has around the place, by jing. His mower and his radio on the assessor's list must go, there ain't a thing that he has got they overlook, he don't know what to do to get the cash to pay so they won't take his farm away.

The trouble with my neighbor is he's got too many things, gee whiz, his place looks too blamed prosperous; when the assessor comes to us and sees the buildings needing paint and that my barns and fences ain't had no repairs for years and years, he just says, "Lazy, it appears that you ain't makin' anything so I won't soak you hard, by jing!" My pup is mangy and so thin it ain't worth while to put him in, my cows are poor and got T. B. so they ain't worth much, by gee. And so it goes about the place, that feller doesn't have the face to make me pay a great big tax when he looks 'round and gets the facts, and so I never need to fret 'bout what the tax collector'll get!

The second time

IT'S home, but it isn't perfect. You know more now than when you first hung up those curtains and moved your furniture in. You have lived with those walls, bookcases, stoves, cups and saucers long enough to know their merits and demerits. The kind you would buy the second time, and the kind you wouldn't buy. If you and Sarah could start all over again, you'd profit from that experience. Avoid what has proved unwise—study advertisements, home-furnishing pamphlets—let the potatoes scorch and the lima beans boil dry—just comparing new refrigerators, bathtubs, patterns of delicate china. You'd want to make sure what you bought this time would please you as much tomorrow as today.

Yet day by day you are making that home-place over. "We do need some new curtains." "Hadn't we better get some butter knives?" The only difference is a gradual instead of a wholesale affording. And by knowing the advertisements you know the future of what you buy. You know by name, for instance, the curtains that won't sag or fade.

All the wisdom that your windows, your power washing machine, the wind, sun, rain would write out for you slowly about those curtains, season by season—you get in one swift reading of the curtain advertisements. Experience usually deals with the past. With advertisements, it deals with the future! You buy the now and the will-be when you buy advertised wares.

Read the advertisements to know what is advertised—what is certain to satisfy you.

Reading advertisements prepares you for happy, safe choices first times as well as second times—every time you buy.

TREES

By Joyce Kilmer

I think that I shall never see
A poem lovely as a tree.
A tree whose hungry mouth is prest
Against the earth's sweet flowing breast;
A tree that looks at God all day,
And lifts her leafy arms to pray;
A tree that may in Summer wear
A nest of robins in her hair;
Upon whose bosom snow has lain;
Who intimately lives with rain.
Poems are made by fools like me,
But only God can make a tree.

CAN EARLY, SAVE FUEL AND TEMPER

FARM Friends, I began my canning operations for 1927, the other day and I expect to do more soon, so that when hot weather and the "busy season" arrives, I shall have less to do than I would otherwise. Also I have saved fuel by using the big range for a dual purpose, i. e., heating the kitchen and cooking my fruit.

I had a very generous supply of canned tomatoes, so I opened several quarts, added cup for cup of sugar, a teaspoon of salt to the gallon, and baked in a moderate oven with the grate under for about 2 hours and behold some delicious red preserves. Cat hot.

By the way, baking is the only easy method of making preserves, marmalades, or fruit butters as it eliminates all danger of sticking on the bottom and requires but little stirring.

Next I shall make plum butter by using equal parts of plums and finely cooked apples (either canned or fresh will serve.) Cook plums until pits loosen readily, put through the colander, add apple sauce, a little salt and $\frac{3}{4}$ as much sugar as fruit. Bake slowly about 2 hours from time fruit begins to boil. Pour into quart or pint jars and seal hot.

Huckleberry and raspberry jam are also fine made in this manner except that it is unnecessary to rub berries through the colander.

To make cherry marmalade, pour off juice to use for jelly, put cherries through the food chopper using the crumber, add equal amount of apple sauce, a little salt and cup for cup of sugar. Bake as for plum butter.

Fresh fruits may be used later in the season but why not now if supplies are plentiful? These recipes canned piping hot in sterilized jars, keep almost indefinitely.—B. O. R., Gratiot County.

NUTRITIOUS BREAD

WHOLE wheat and graham flours are much more wholesome than the refined flour with the coarser elements left out. Bread made from them is more nutritious and also aids digestion.

It is very easy to make delicious whole wheat or graham bread setting it right with the white bread sponge.

Make a soft sponge using white flour one or two yeast cakes, and one tablespoonful each of salt and sugar, and a tablespoonful of melted shortening. When the sponge is light make the white bread in the usual way. To the part left add from one-half to two-thirds of a cup of sugar and mix the dough stiff with graham flour or whole wheat. Raisins may be added if liked. It does not need to be moulded with the hands or kneaded. Let rise either once or twice before dipping with the mixing spoon into deep bread tins. Let rise again. Bake a little slower than white bread, increasing the heat if necessary to brown.—E. H. D., Wexford County.

USEFUL STAND FOR SMALL ROOM

IF your kitchen or bedroom is small the suggestion of one of our good friends Mrs. S., of Montrose, on how to make a small stand will be helpful to you. Her husband made one for her for less than a dollar and she would hate to part with it for several times that amount.

Get a piece of lumber one inch square and about twelve feet long. Out of this cut four pieces all of the same length to be used as legs for your stand. Next get from a grocery store a cheese box, also purchase eight stove bolts. The top of cheese box is to make the top of your stand. If you want a flat top you use it just as it is but if you rather use the rim of the top only and set your basin or bowl into the top of the stand you can easily separate the rim from the top. Of course the legs are to be



The Farm Home

A Department for the Women

Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: I have been reading about the movement of the Girl Scouts to replace the beautiful trees of our land. In some parts of the country they have planted thousands of trees, that will make forests in years to come.

This impressed me as being one of the finest things I've heard in a long time. It is just another of the splendid things which every community may do to add comfort and beauty to their surroundings.

Some sixty years ago my grandfather planted about eight maple trees in a half circle along the road in front of his home, on the Lake Shore road west of Cleveland.

Today the old farm-house and barns are gone, a popular club house occupies the site, but all of grandfather's trees, except one, are standing as stately monuments to his memory.

I hope every one will read the poem in the corner, which expresses such a deep reverence for God's handiwork, and while there is still time, let every family plant a tree.

Your Friend,
Mrs. Annie Taylor

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

properly bolted to the rim. Now take the rest of the cheese box and trim it down until there is only two or three inches of side or rim above the bottom, cut four holes at proper places in bottom, insert the four legs and bolt at height desired. This makes a shelf on which you can set your water pitcher. Also a cheap soap dish purchased at your local variety store can be hung over the edge, and a towel rack placed on the legs just below the top.

Mrs. S. says that they sandpapered their's and then went over it with white enamel. Cracks were filled in with putty. I am sure it was very pretty when done.

I would like to hear from others who have handy home made furniture and will welcome their letters. Help someone else and perhaps they can help you.

SUGGESTIONS

IT is a pity we cannot have more space for our department. Here is a wee bit contribution to help along. Try a few raisins in rhubarb sauce and make your rhubarb pie one-third raising. Before stewing rhubarb cover it with boiling water and let stand five minutes. Pour one-third raisins. Before stewing lessens the amount of sugar required and is better every way than adding soda. Cranberries may be treated the same way.

I wonder if you all know that your bouquets of pussywillows will keep much longer and better if no water is put in the vase with them. Those who have not raised straw flowers, have missed a treat. I had Helichrysum and Statice last summer and will have more kinds this year. They make very nice Christmas gifts. They cost almost nothing. Hang the heads down and dry in the shade.—Mrs. F. S., Traverse City, Mich.

Personal Column

Cause of Goiter.—What causes goiter of neck? Some say it is from lack of iodine, others say it is caused from the lime in the water here in Michigan. What do you think? I would like to know the cause and how to prevent it for my little daughter is already showing signs of one in her neck. I feel worried about it and want to check its growth.—Mrs. E. T., Petoskey, Mich.

—Lack of iodine in the drinking water is one of the causes of goiter. This Department has demonstrated that simple goiter is much more prevalent in sections

of the state where the water supply contains no iodine than in other sections where there is a small supply of iodine in the water.

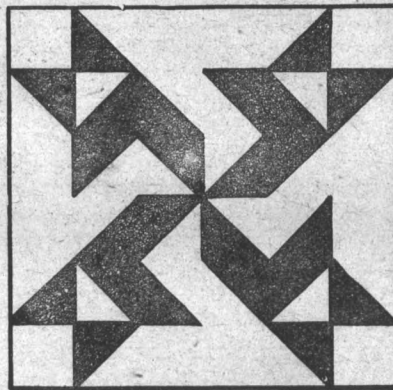
If your daughter is suffering from simple goiter she can be helped by giving her iodine. A simple way to do it is to use iodized salt in the family, as that substance, used both for the table and cooking, will give sufficient iodine to supply the deficiency.—Guy L. Kiefer, M. D., Commissioner of Dept. of Health.

Taking Slips.—Will you please tell me when is the best time to take slips from flowers? Also, to transplant and what is good for the little black flies on plants?—H. C. E., Remus, Mich.

—Your question is hard to answer. Different plants have different times at which cuttings or slips are taken. If reference is made to house plants such as coleus or geraniums the work may be done at any time from now on.

Black flies on plants may be eradicated with nicotine sulphate. It usually comes under the trade name of Black Leaf 40 and may be bought with directions attached from any seed house.—Alex Laurie, Charge of Floriculture, M. S. C.

Pin Wheel Quilt Block.—Here is a rather attractive design and it makes a pretty quilt. It is called the "Pin Wheel" design. I have one of the blocks which was sent to me by one of our good friends and I will gladly loan it to you if you will promise to send it right back. I will have many requests for it and want to



PIN WHEEL

take care of them as fast as possible so it will be necessary for each to return it by an early mail. If you have requested any of the other designs that have appeared and have not received them just remember that I have many requests and your's will be taken care of in its proper order. I am anxious to serve you all.—Mrs. Annie Taylor.

Ever Hear This One?—I wish some of the M. B. F. readers would help me get

Ice Cream Called Health in Frozen Form

HEALTH in frozen form is the description given ice cream by James A. Tobey in the April issue of Hygeia. Because of the carbohydrate contained in this food it is often called frozen heat. It is one of the most valuable of American nutriment and should not be confined to the athletic training tables or to hospitals.

Ice cream, properly made, is simply a concentrated and refined form of milk and milk is the most nearly perfect food in existence. Adding fruits and other flavors to ice cream merely increases its value as a food. Ice cream, like any very hot or very

cold food, should be eaten slowly and it should be included in the meal and not added after the stomach has been already overcrowded.

Sometimes ice cream is made with condensed or evaporated milk, sometimes with whole milk and cream, but always the process must be a sanitary one and the milk must be free from disease germs. Ice cream, although a typically American dish, was first made in Italy in 1756. It was served for the first time in this country by Dolly Madison at a White House dinner in 1809. It is now popular abroad as well as in America and is usually advertised in Europe as "American" ice cream.

a song. I think the name of it is "And I'm going to see my mother when the work's all done"—Mrs. F. F., Laingsburg, Mich.

"Wreck of Old '97."—I would like to get the words to the song "The Wreck of the old '97."—Miss H., Big Rapids, Mich.

"Prisoner's Sweetheart."—I would like to get the words to the song, "The Prisoner's Sweetheart", a sequel to "The Prisoner's Song."—Miss A., Hudsonville, Mich.

Wants Onion Pie Recipe.—Can some good German cook tell me how to make onion pie?—Mrs. B., Jackson, Mich.

Two Songs.—I am writing to ask you to help me get the songs, "The Blind Girl" and "The Boston Burglar."—Mrs. P., Colling, Mich.

Dialogue Wanted.—I would like to get the dialogue, "Slight Misunderstanding." It is the conversation between an old tramp and a deaf lady. I used to have it but lost it.—Mrs. H., Ithaca, Mich.

Favorite Songs

ROSEWOOD CASKET

In that little rosewood casket
That is resting on my stand,
Is a package of old letters
Written by a lover's hand.

Will you go and get them, sister?
Will you read them o'er to me?
For oftimes I've tried to read them,
But for tears I could not see.

Read those precious lines so slowly
That I'll not miss even one,
For the cherished hand that wrote them,
His last work for me is done.

You have got them now, dear sister,
Come sit down upon my bed,
And press gently to your bosom
This poor throbbing aching head.

Tell him that I never blamed him,
Though to me he's proved untrue,
Tell him that I'll ne'er forget him
Till I bid this world adieu.

Tell him that I never blamed him,
Not an unkind word was spoke,
Tell, oh tell him, sister, tell him,
That my heart in coldness broke.

When I'm dead and in my coffin
And my shroud's around me bound,
And my little bed is ready
In the cold and silent ground.

Place his letters and his locket,
Place together o'er my heart,
But the little ring he gave me
From my finger never part.

You have finished now, dear sister,
Will you read them o'er again?
While I listen to you read them
I will lose all sense of pain.

While I listen to you read them
I will gently fall asleep,
Fall asleep to wake with Jesus,
Oh, dear sister, do not weep.

For the Movie Fan

Special Delivery.—I have told about so many comedies in this department that I am sure you will think that my sense is highly developed. I will admit that I do enjoy good, clean comedy, but that is not the reason I talk about so many of them. The reason is that the larger percentage of the best pictures issued are comedies.

This picture is the second one to be made featuring Eddie Cantor, famous stage comedian, and I recommend it to you if you like to laugh. Some time ago I told you about "Kid Boots" his first picture and at that time said he was a coming screen star. This last picture indicates that I was far from wrong, that he already ranks with the best of the funny men working before the camera.

In this play Eddie is disowned by his father because he is considered a no-good and told not to come back until he had earned \$20,000. He becomes a postman which accounts for the title of the picture. Of course he is in love with a sweet girl, played by Jobyna Ralston. A young chap, posing as an oil company promoter but later found to be a crook, also pays attention to Eddie's girl. Eddie finds out the man is Blackie Morgan on whose head there is a price of \$20,000 and finally places him under arrest and turns him over to the police.

—if you are well bred!

The Courteous Automobile Driver.—The courteous and careful driver never fails to observe those procedures which make for the convenience of others:

1. He remembers that the carrying of licenses and identification cards is a civic courtesy as well as a civic regulation.
2. He never forgets that "gas and booze" do not mingle well, and that though the hand may still be clever at the steering-wheel, good judgment is not geared up to normal even after a few drinks; and good judgment is one of the corner-stones of road courtesy.
3. He does not imagine that he belongs to a society committed to the ideal

of making pedestrianism the most deadly of out-of-door sports. He waits for women and children and—even men.

4. He knows that he should not, especially when there are women in the car, try to pass another car near the top of a steep hill, where a curve may lie just ahead.

5. He bears in mind that when so-called "whistle-beaters," "corner-cutters" and "jay-walkers" on foot offend, that these are ill-bred persons who simply carry their bad manners from the sidewalk into the street, and that he places himself on their level if he loses control of his temper.

6. He does not have to be told that racing trains, when he is carrying women passengers, is one of the crudest forms of discourtesy because of the almost unavoidable danger it entails.

7. Finally, he always gives the small car an equal chance, and is invariably courteous on the road because courtesy is the only means of safety.

AIDS TO GOOD DRESSING



5788. Ladies' Frock with Slender Hips.—Cut in 9 Sizes: 38, 40, 42, 44, 46, 48, 50, 52 and 54 inches bust measure. A 44 inch size requires 3 3/4 yards of 40 inch material together with 1 1/4 yard of contrasting material for trimming portions on front, and facing on cuffs, and belt. If made with long sleeves 3 3/4 yards of figured material will be required together with the contrasting material. The width of the Dress at the lower edge is 2 1/4 yards.

5774. Boys' Suit.—Cut in 4 Sizes: 2, 4, 6 and 8 years. A 6 year size requires 1 1/2 yard of Blazer, and 1 yard for the Trousers in material 36 inches wide. If Blazer is made with long sleeves. If made with short sleeves 1 1/4 yard is required.



5783. Ladies' Apron.—Cut in 4 Sizes: Small, 34-36; Medium, 38-40; Large, 42-44; Extra Large, 46-48 inches bust measure. A Medium size, without the contrasting material will require 2 3/4 yards 32 inches wide. For facing of contrasting material on the pockets 1/2 yard 7 inches wide is required.

5773. Child's Play Frock.—Cut in 4 Sizes: 2, 4, 6 and 8 years. A 4 year size requires 2 yards of 36 inch material if made as illustrated in the large view. If made without the tunic portions, 1/2 yard will be required.

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The Runner's Bible

So shall the knowledge of wisdom be unto thy soul: when thou hast found it, then shall there be a reward, and thy expectation shall not be cut off.—Prov. 24:14.

WOMEN'S EXCHANGE

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

145.—Choice gladioli and dahlia bulbs for geese or duck eggs.—Mrs. Richard Perkins, Harrisville, Mich.

146.—Annual flower seeds for others or perennial flower seeds.—Mrs. Florence L. Saundres, Traverse City, Mich.

147.—House plants and flower seeds to exchange. What have you?—Mrs. Joe Dupine, R. 1, Standish, Mich.

Recipes

Graham Loaf.—3 cups graham flour, 2 teaspoons salt, 1/2 cup sugar, 1 teaspoon baking powder, 2 teaspoons soda, 2/3 cup molasses, 1 cup raisins, 2 or more cups sour milk to make it thin enough but not too thin. Bake one hour in slow oven.—Mrs. D. E. P., Cadillac, Mich.

Graham Bread.—3/4 cup of sugar, 1 tablespoon of lard, butter, or compound, 1 1/2 cups of sour milk or butter milk if you have it, 1 teaspoon of soda, 2 1/2 cups of graham flour, 1/2 cup of white flour, 1 teaspoon small of baking powder sifted with flour. One can use raisins if they like them.—C. A. S. M., Pewamo, Mich.

English Plum Pudding.—One-half cup of sugar, 1 pound of raisins, 1 pound currants, 3/4 pound of bread crumbs having been put through food chopper, 3/4 pound of suet put through food chopper, 1/2 pound of flour, 1/4 pound citron and 1/4 pound orange peel, can be bought already sliced in cartons, 1/2 nutmeg, pinch of ginger. Mix all together with 4 or 5 eggs and coffee liquid to mix soft or omit liquid and use 9 eggs. Put in cloth bag and boil six hours. Excellent with whipped cream served on it. Slip a plate under pudding bag while boiling so it will not stick to kettle bottom.—Mrs. W. W., Albion, Mich.

Candy and Cookie Recipes.—I sure enjoy the Farm Home page. I always look for new recipes as I do enjoy the new dishes of food.

Here is a recipe for good hard candy for those who like the kind that stays for a while. 4 cups granulated sugar; 2/3 cup corn syrup, 4 tablespoonsful of molasses, 1/3 teaspoonful cream of tartar in 4 tablespoonsful vinegar, 1 tablespoon butter and 1 cup water. Cook until it will snap when dropped in cup of water. One cup of walnut or hickory nut meats may be added if liked. We like the walnuts meats best. If ground or crushed they season better and you will find you have a good hard candy. Can be pulled when cooked enough, if liked.

Here is one for graham cookies: 2 eggs, 1 cup sour cream, 1/2 cup sweet milk, 1 cup melted shortening, 1 1/2 cups sugar (part white and part brown,) 1 1/2 cups oat meal, a little salt, 1/2 teaspoonful of baking powder, 2 tablespoonsful vanilla extract, and enough graham flour to make a stiff dough, use white flour on board for rolling out. Then sprinkle with sugar and bake in quick oven until light brown.—Mrs. P. V., Ada, Mich.

Dandelion Nests.—Butter a baking dish and fill it 3/4 full of cold boiled rice. Make as many depressions in the rice as there are persons to be served. Break an egg into each depression, sprinkle with salt and strew with pieces of butter. Bake until eggs are set. Serve hot, with little balls of stewed dandelions that are rolled in hot fried bread crumbs.

Dandelion and Beef Fritters.—Cut cold roast beef into fine shreds, make a batter of 1 egg well beaten, 1 cup water or soup stock, 1 tablespoon butter and flour enough to make a batter of ordinary thickness. Season with salt and pepper, add shredded beef, and 1/3 as much of boiled dandelions. Drop by small spoons into hot fat. Fry brown, serve with a slice of lemon or some crisp lettuce.

Dandelion Salad.—Dandelion leaves must be small to be tender. Cut the root off, wash the leaves with care, then drain, dress with salt, pepper and vinegar, toss 1/2 cup crisp small pieces of fried bacon over salad, or if desired use a regular French dressing. A slice or two minced onion may be used with the dandelions.

Cream of Spinach Toast.—Boil some fresh spinach in a little salted water, until quite tender, season with salt, pepper and butter, also 2 tablespoons thick cream. Toast as many slices of bread as you need, put spinach on very thickly. Decorate with cubes of boiled beets.

There is no substitute for sleep

You cannot cheat Nature without cheating yourself. And—don't let your bed-spring cheat you, by robbing you of rest. Wake up! Change to a Foster Ideal Bedspring and 120 spirals. Health says, "Give your spine perfect support". Commonsense adds, "Give your nerves better relaxation", and thrift advocates, "Buy an Ideal Spring not merely because of value but because it will save you money by keeping your body up to par."

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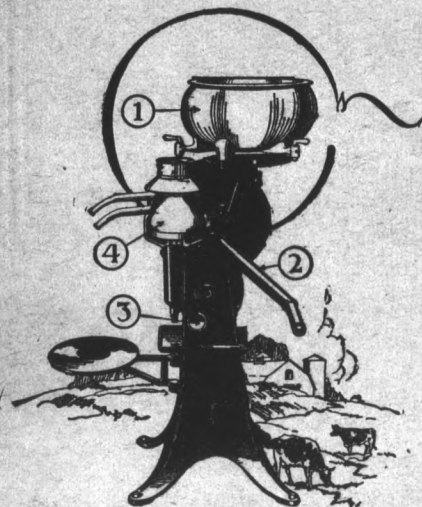
INTERNATIONAL PAPER COMPANY
 New York, March 30, 1927.
 The Board of Directors have declared a quarterly dividend of Fifty Cents (50c) a share on the Common Stock of this Company, payable May 16th, 1927, to Common stockholders of record at the close of business May 2nd, 1927. Checks will be mailed. Transfer books will not close.
OWEN SHEPHERD,
 Vice-President & Treasurer.

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"Easier Turning"



These new De Laval are the easiest starting and turning separators ever made. Try one and you will agree they are.



Cream separator users who have seen and tried these new De Laval pronounce them the "best yet." They are without doubt the cleanest skimming, easiest running and most convenient separators ever made.

Other new features are:

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DAIRY and LIVESTOCK

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

KENT C. T. A. LED IN MARCH

EXCELLENT March weather helped Michigan dairy cows to average three pounds more of butterfat during March than they did during February. For March the 19,955 cows under test reported in 76 Michigan cow testing associations out of 106 operating produced an average fat amount of 26.5 pounds per cow.

The Kent-West Association led all of the Michigan organizations in butterfat production with an average of 35 pounds per cow. O. J. Becker of Lansing, Michigan, member of the Ingham-Lansing C. T. A. and owner of a herd of mixed grade Holstein and Guernsey cows, had the highest herd average of all Michigan herds under test for March. For the last four months this herd has been under retest conditions and the production for March was 54.98 pounds butterfat.

The Pontiac State Hospital is the owner of the highest producing cow for all Michigan associations for March. The five year old purebred Holstein owned by this institution produced 27,062 pounds milk and 110.5 pounds fat under four times a day milking and was retested by the tester, Harold Elmer.

Reports from the testers indicate that there will be a large number of new seedlings made of sweet clover and an enlarged acreage of alfalfa during 1927.—A. C. Baltzer.

DRY CORN STALKS AND BEAN VINES

Would there be any feeding value in dry corn stalks after cows have eaten the leaves, also the vines of beans after pods are off if these stalks and vines were put through a feed grinder and ground fine? How about grinding hay?—T. B., Bay City, Mich.

THERE is, of course, some feeding value in both these parts of the plant. I do not think however, it will materially increase the feeding value by putting it through the feed grinder and grinding it fine before feeding. In a trial conducted here at the College with a poor grade of alfalfa hay we found cows produced as much milk on unground hay as they did on ground hay. Unpublished work at other experiment stations tends to show that ground and unground barley have the same feeding value. Consequently I do not think there is any advantage in putting roughages through the grinder for the dairy cow.—J. E. Burnett, Associate Professor of Dairy Husbandry, M. S. C.

SOUTHDOWN SHEEP

Will you please tell me about the Southdown sheep? How do they compare with the other breeds on a general farm where the lambs are generally sold off the grass? Is it well to cross grade medium woolled ewes with the rams? Are they good rustlers on rough pastures? Are the ewes good milkers and mothers? Is there any reason why they are not as extensively raised as other breeds?—F. K., Burr Oak, Mich.

THE Southdown breed of sheep is ideal from the standpoint of mutton conformation, their lambs making perhaps the best cutting lambs to be sold over the block. They are low down, compact and blocky. The ewes are also very good milkers and produce well over a 100 per cent of lambs. Furthermore they are one of the most attractive sheep from the standpoint of appearance.

There are two reasons why the Southdown has not been more widely raised. These are the fact that the Southdown is a rather light shearer netting about six pounds of wool to a clip and they are also rather small, the lambs not being as heavy at six months of age as most of the large breeds such as Shropshire, Hampshire and Oxford. From the standpoint of production of market lambs, the Southdown ram bred to large grade medium ewes produce an excellent market lamb. The Southdown ewe is just as good a rustler as the other Down breeds.—Geo. A. Brown, Professor of Animal Husbandry, M. S. C.

BREEDERS' DIRECTORY

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

CLAIM YOUR SALE DATE

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

May 12—Jerseys, Marston Farm, Bay City, Michigan.
 May 28—Herefords, Crapo Farms, Swartz Creek, Michigan.

JERSEYS

AUCTION SALE REGISTERED JERSEYS

[102 HEAD]

50 cows, 3 herd bulls, calves, yearlings, several bull calves. Herd established 1875. T. B. Tested. Register of Merit Stock. Splendid opportunity for Foundation Herd; Producing Cows; Calves for Boys' and Girls' Clubs; or Herd Bulls.

Thursday, May 12, 1927
 10:30 A. M.; Rain or Shine

MARSTON FARM

4 Miles Northwest from Bay City, on Trunk Line M-10.

T. F. MARSTON, BAY CITY, MICH.
 Phone 1511 Write for Catalogue

Dispersal Sale — 102 Head

CATTLE

GUERNSEYS

GUERNSEYS

FARMER'S PRICES FOR BULL CALVES Sired by most popular blood lines. Write for circular. WOODLAND FARMS, Monroe, Mich.

FOR SALE. SEVERAL NICE HIGH-GRADE Guernsey calves, three months old. LAKEWOOD FARM, Box 127, Whitewater, Wis.

Guernsey Dairy Heifer Calves, Practically Pure bred, \$25.00 each. We ship C. O. D. Write L. Terwilliger, Wauwatosa, Wisconsin.

HEREFORDS

Hereford Sale, Saturday, May 28, 2:00 P. M. Also interesting program promised by M.S.C. Judging Team. Write for particulars. Our herd bulls international winners. Oldest U. S. Herd. Crapo Farms, Swartz Creek, Michigan.

Hereford Steers

Calves, yearlings and two's. Well marked. Beef type, showing splendid breeding. Dark reds. Most all bunches dehorned. Good sacker order. Can show few bunches around 45 to 90 head. Each bunch even in size. Also a few bunches shorthorn steers. Will sell you choice of one car load from any bunch. Write stating number and weight you prefer, 450 lbs. to 800 lbs.
 V. V. BALDWIN, ELDON, IOWA.

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HOLSTEINS more Calves!

The ability to produce large healthy calves each year is an established Holstein characteristic. Holstein calves are easily raised and surpluses may be profitably vealed at early ages.

Write for literature
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 ASSOCIATION OF AMERICA
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SHORTHORNS

FOR SALE PURE BRED POLLED SHORT- horns. High class cows and heifers at reasonable prices. Geo. E. Burdick, Mgr., BRANCH COUNTY FARM, Coldwater, Michigan.

Reg. Shorthorn Cows—Good individuals, Heavy milking strain, calves at side, some yearling bulls. Write Joe Moriarty, Hudson, Michigan.

SWINE

BIG TYPE POLAND CHINA SPRING PIGS \$25 each until May 1st. E. A. CLARK, Breckenridge, Michigan.

A FEW GOOD HAMPSHIRE SPRING BOARS at a bargain. Bred gilts now ready to ship. JOHN W. SNYDER, St. Johns, Mich., R. 4.

BIG TYPE BERKSHIRES Boars ready for service sired by International Grand Champion \$60.00 each. COREY FARMS, New Haven, Michigan.

POULTRY

MAMMOTH BRONZE TURKEY EGGS, \$4.00 per 10 by insured Parcel Post, prepaid. RALPH WISE NURSERIES, Plainwell, Michigan.

Tune in on WGHP, Detroit, every night except Saturday and Sunday at 8:40 o'clock for MICHIGAN BUSINESS FARMER Market Reports

VILLAGE VIEW Chicks direct from farm to YOU



Big Reduction For May and June

Our breeding stock has free farm range and is selected by a trained poultry specialist. High record male birds are used exclusively. Buy from experienced poultrymen and save.

Postpaid prices	50	100	500	1000
Eng. White Leghorns and Anconas	\$6.00	\$11.00	\$50.00	\$90.00
Barred Rocks	6.50	12.00	55.00	100.00
Assorted Chicks for Broilers		8.00	37.50	70.00

Effective May 15th All Chicks 1c Lower

We guarantee 100% live delivery. Order direct from this ad and save. Reference: Zeeland State Bank.

8 WEEK OLD PULLETS, 90c EACH

We will deliver to you, immediate shipment guaranteed 8 week old pullets at 90c each. Healthy vigorous stock that you will like. Write at once. VILLAGE VIEW POULTRY FARM, R. 3, Box 4, Zeeland, Mich.



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Order Now for May and June Delivery

Bred-to-lay Stock—All flocks scientifically culled and mated for high egg production. All breeds contest winners.	100	500	1000
Foreman Strain Barred Rocks	\$18.00	\$75.00	\$145.00
Selected Barred Rocks	13.00	60.00	115.00
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Tancred American S. C. White Leghorn	13.00	60.00	115.00
English Barron S. C. White Leghorn	10.00	45.00	85.00
All Heavy Chicks—Assorted lots	11.00	55.00	105.00

100% live delivery guaranteed—prepaid parcel post. CAPITOL KEYSTONE HATCHERY, Dept. 101, Lansing, Mich.

1000 PURE-BRED CHICKS ON HAND

CAN SHIP AT ONCE AT REDUCED PRICES

Barred, White and Buff Rocks, Black Minorcas, White or Silver Laced Wyandottes, \$13.00 per 100. White, Brown and Buff Leghorns, Anconas, 11p. Buff Orpingtons and Bl. Langshans 15c. Heavy mixed broilers 12c. Light mixed broilers 8c. Light Brahma 18c. If less than 100 ordered add 35c extra. June chicks \$1.00 per 100 less. 4 to 10 weeks old pullets. Circular free. LAWRENCE HATCHERY, Phone 76761, GRAND RAPIDS, MICH.

HA! LOOK! Buy Our Big Husky Easy To Raise Chicks

CAN SHIP AT ONCE!

15 pure bred varieties. Some won 1st and 2nd prizes in production class. Won many 1st prizes blue ribbons in large poultry show. Also, have one flock of Morgan-Tancred Strain, blood tested White Leghorns, of 250 to 312 egg breeding. The owner paid \$150 for 6 eggs to improve our flock. Every one of our breeders has been culled and selected for breeding quality. **LOOK! MAY, JUNE, JULY CHICKS \$3.00 PER 100 LESS.** Free Circular. 4 to 10 weeks old pullets.

BECKMAN HATCHERY :: GRAND RAPIDS, MICHIGAN

ENGLISH TYPE WHITE LEGHORNS MICHIGAN ACCREDITED

The Big, Deep Bodied Hens With Large Combs That Produce The Large White Eggs	100	200	500
SPECIAL MATED	\$11.00	\$21.50	\$50.00
STANDARD UTILITY MATED	9.00	17.50	40.00

OTTAWA HATCHERY & POULTRY FARM
 Route 10, Box 42-B HOLLAND, MICHIGAN.

VETERINARY DEPARTMENT

Edited by DR. GEO. H. CONN
(Questions gladly answered free for paid-up subscribers. You receive a personal letter.)

PROUD FLESH IN EYE

I would like to know what I can do for a cow that scratched the ball of her eye a little on a nail about seven months ago, and now there is some proud flesh growing in the eye. Is there anything that I can put in the eye that will take the proud flesh out?—J. O., Daggett, Michigan.

THIS is really a case that should be examined by your veterinarian and then have him prescribe treatment; if you will place a little calomel in this eye once or twice each day for a few days it will possibly help it. Try it but remember this is a very difficult thing to handle.

SEVERAL QUESTIONS

I have been informed that blue stone or sulphate of copperas, was good for sheep as a drench, as a worm exterminator and as a health measure. Would it be feasible to use the same in their drinking water. If so, what quantity should be used?

I have a mare that has a bunch on her leg, the symptoms of a thornpin. She is not lame. Would you advise using anything on it, or wait until she goes lame? If so, what should I use?

I have a cow with a swelling on the outside of the hind leg, 8 inches above the hoof, which runs at times. She is not lame, but it seems to be very painful to touch. It has been

"SOME" CALF

DEAR EDITOR: A calf weighing 150 pounds was born recently on the Harrison Farm, three miles east of Athens. Dr. Scofield, the Athens veterinary, reports it to be the largest "baby calf" he ever saw. Mr. Hitchcoe who is living on the farm, also has a calf that was sixteen days old and weighed 117 pounds. Note the difference.—A. L. H., Athens, Mich.

there three months. Can you inform me what this is, and what to do for it?—J. P. Burton, Mich.

NO, you cannot give blue stone in the drinking water.

For the bunch on the horse's leg I think that equal parts of iodine and glycerine painted on each day for several days with an old tooth brush might be very good for it.

For the cow's leg have your druggist make up some epsom salts with glycerine into a thick paste; place a thick coating of this over this swelling and bandage it up. Apply every two or three days as long as needed to reduce swelling and pain.

FEEDING LINSEED MEAL

Please tell me if it is profitable to feed raw linseed oil to an eight month old sucking calf which is getting ground corn, ground barley and molasses.—A. D., Traverse City, Michigan.

I COULD see no advantage in feeding raw linseed oil to this calf; it is often used as a laxative but never as a feed as far as I know.



WARRING ON CORN BORER

The government purchased over 100 large tanks like the one shown on the truck. They are used to store gasoline and chemicals and play an important part in the fight against the European Corn Borer.



Top of Milk Tank is waist high—easy to fill

Milk and cream spouts are open—easy to clean

One piece aluminum skimming device is very easy to clean

All shafts are vertical and run on "frictionless" pivot ball bearings making the New Butterfly the lightest running of all separators

Made \$61.39 More From Same Cows
"We made \$78.61 worth of butter before we had the machine, and in the same length of time we made with the Butterfly Separator \$140 worth of butter from the same number of cows."
THOS. S. KERNSKY
Point Aux Pins, Mich.

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If you need a Cream Separator, don't fail to send for this new Free Folder today. Get our latest price-smashing offer on all sizes of Famous Butterfly Separators. See why 200,000 American farmers have selected this light-running machine, with the wonderful aluminum skimming device that gets all the cream and is so easy to clean.

Remember, our prices are real factory prices. Every machine built in our own big American plant.

We ship any size machine you need for only \$2 down—nothing more to pay for 30 days. We give 30 days' free trial, and a year to pay rest of our low factory price out of the extra cream profits the Separator itself will save and make for you. Payments as low as \$3.50 per month. You don't feel the cost at all. Send for Free Folder today.

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with the low-down, self-draining milk tank, the easy-cleaning, open milk spouts, the one-piece aluminum skimming device, the cut steel gears and frictionless pivot ball bearings always running in oil. No other Separator at any price skims closer, runs easier, cleans easier, or lasts longer. Guaranteed a lifetime against all defects in material and workmanship.

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Free Folder shows and describes all. Tells you just what size to order for your herd. Shows the many exclusive features.

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—right on your own farm so you can compare with others and judge for yourself. We pay freight both ways and refund what you have paid if you are not pleased. You take no risk.

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Gentlemen: Please send me your Free Catalog Folder on Butterfly Cream Separators and latest offer. I keep.....cows.

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THRIFTY CALVES raised without Milk!

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(with concentrated sweet skim milk)

Don't sacrifice milk profits. Grow stronger, healthier calves with this unequalled substitute for milk. Ryde's Cream Calf Meal is prepared from the very choicest materials, especially milled and steam cooked, dried and remilled. Try a bag. Watch how quickly your calves develop into sturdy stock while you sell the milk. For sale at your dealer's or write: **RYDE & CO., 5434 W. Roosevelt Rd., Chicago**



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heavy canvas, with leather sling, with pockets, for campers, farmers, woodsmen. Price \$1.00 POSTPAID. Illustrated catalog, 380 pages, issue 1927, at 50 cents, shows tents, high-power rifles, helmets, saddles, etc. Special circular for 2c stamp. Established 1865. Francis Bannerman Sons, 501 Broadway, New York City

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stops lameness while horse works, or money back. Signed guarantee to end spavin, thorpin, high ringbone, splint, shoulder, tendon and foot troubles. FREE big book clearly describes every lameness, and tells what to do. Book, sample guarantee and "vet" advice are all FREE. Write today!

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339 State Street Binghamton, N. Y.
Druggists sell and guarantee "Save-the-Horse," or we mail it direct. It's CHEAPEST, helps horses most and quickest.

TREAT SWOLLEN TENDONS

Absorbine will reduce inflamed, strained, swollen tendons, ligaments or muscles. Stops the lameness and pain from a splint, side bone or bone spavin. No blister, no hair gone, and horse can be used. \$2.50 at druggists, or postpaid. Describe your case for special instructions. Interesting horse book 2-S free. From a race horse owner: "Used Absorbine on a yearling pacer with strained tendon. Colt all over lameness, though for a time, couldn't take a step. Great stuff."

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W. F. YOUNG, Inc., 369 Lyman St., Springfield, Mass.

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3 Things are more important than the price you pay

First—How strong is it? How does it compare with carbolic acid?

Second—Is it standardized? That is, will it run uniform, or does it vary in strength?

Third—What kind of emulsion does it make? Milky white? Free from any specks or oily streaks on the top, and free from settlings at the bottom? A poor emulsion not only denotes an inferior dip, but a waste to you.

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IS FIVE TIMES AS STRONG AS CARBOLIC ACID

It has a carbolic acid co-efficient of 5. That's why Dr. Hess Dip costs less to use, no matter what price you pay for others. It requires less of it to make an emulsion.

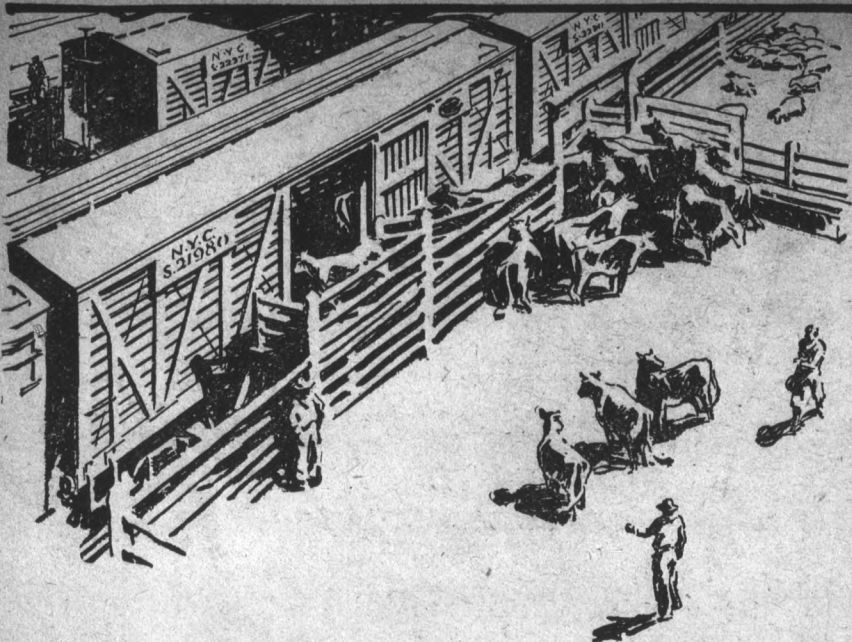
Dr. Hess Dip is standardized, always the same, whether you buy it in Maine or Texas, the same yesterday, today and tomorrow.

Dr. Hess Dip makes the finest, whitest milky emulsion of any dip that you can buy, and stays that way for weeks. The whiteness proves its worth.

Have your dealer place a teaspoonful in a glass of water—and see for yourself how much better it is.

Dr. Hess Dip and Disinfectant kills hog lice, sheep ticks and scab; destroys disease germs; keeps down foul odors; makes living quarters healthful. Guaranteed.

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Where Everybody Loses

INJURIES and death to live stock in transit are a direct loss to live stock feeders, shippers, stockyards and the railroad.

Seventy-five percent of such losses are avoidable. For example, sixty-three percent of the hogs that die in shipment do so from congested lungs caused by over-exertion, excitement and over-crowding before going aboard the car.

And seventy percent of broken bones are caused by lack of mineral substances in general feeding.

Through careful handling, properly balanced food and exercise, live stock casualties can be largely eliminated. And what have been losses to everyone concerned can be converted into profits.



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FROSTPROOF CABBAGE AND ONION PLANTS; large rooted, quality plants, all varieties; quick shipment; Postpaid, 500, \$1.00. Expressed 75c thousand. Hollywood Farms, Pavo, Ga.

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IMPROVED ROBUST BEANS ABSOLUTELY pure. Choice stock, seven dollars per hundred, freight prepaid. Improved American Banner Wheat and Wolverine Oats in season. A. B. Cook, Owasco, Michigan.

OPENHAGEN AND WAKEFIELD CABBAGE plants, \$1.00, 1000; Colhard, \$1.00; Tomato, \$1.00; Bell Pepper, \$1.50; Onion, \$1.25; Porto Rico Potato, \$2.00. Large openfield grown, carefully packed. Quitman Plant Co., Quitman, Ga.

REGISTERED AND CERTIFIED SEED CORN— Clement's white cap yellow dent, fire-dried on racks, ear tested and germination guaranteed. Good seed is scarce, order yours early. Paul Clement, Britton, Michigan. Member of the Michigan Crop Improvement Association.

CLARAGE CORN HOLDS WORLD HIGH GERMINATION record. 168 bush. per acre. Dunlap & Son, Williamsport, Ohio.

BUY YOUR GRIMM ALFALFA SEED DIRECT from the introducer, and know that your foundation stock is pure, pedigreed seed, bred from the original Grimm strain. Acclimated to severe northwest temperatures since 1857. A. B. Lyman, Introducer, Excelsior, Minnesota. The Home of Grimm Alfalfa.

MASTADON—THE MARVELOUS EVERBEARING strawberry, 100 plants \$3. Raspberry, grapes, shrubs, 12 spires \$1. 100 Eldorado Blackberry \$1.75. Cherry trees, fruit, shade. Everything to plant. Seed potatoes, 100 Washington Asparagus roots 75c. 1000 2-yr. \$7. Gardeners Hubbard squash seed \$1 pound. Wax beans, sweet corn, 1000 strawberry plants \$3. Write Prestige Nursery, Allegan, Michigan.

FOR SALE, STRAWBERRY AND RASPBERRY plants. Dunlap, \$3.50 per 1000. Write for our special bargain prices. Fred Staley, Bangor, Michigan.

STRAWBERRIES, \$3.00 to \$3.50 1000; Raspberries, blackberries, grapevines. Wholesale prices. Cloverleaf Nursery, Three Oaks, Mich.

PINK ROSE BUSHES, DOZEN \$7.75. Myrtle MacLaren, Hesperia, Michigan, R5.

DAHLIAS—CHOICE NAMED VARIETIES. Price list free. Mrs. Geo. Spear, Marlette, Michigan.

TOBACCO

HOMESPUN CHEWING AND SMOKING tobacco; five lbs \$1.25; ten \$2.00; cigars 50 for \$2.00; pipe free, pay when received. Farmers Association, Maxons Mills, Ky.

GUARANTEED HOMESPUN TOBACCO—CHEWING 5 pounds \$1.00; 10—\$1.75. Smoking, ten \$1.50. Pipe Free; Pay when received! United Farmers, Bardwell, Kentucky.

TOBACCO: KENTUCKY SWEETLEAF, SMOKING 15 lbs. \$1.50. Chewing \$2.00. Pay when received. Ernest Choate, Wingo, Kentucky.

LEAF TOBACCO—GOOD, SWEET, CHEWING, 3 lbs. 75c; 5, \$1.00; 10, \$1.75. Smoking, 3 lbs. 50c; 5, 75c; 10, \$1.25. United Farmers, Mayfield, Kentucky.

A MICHIGANDER IN THE LAND WHERE TEX MEETS MEX

(Continued from Page 4)

and the State Agricultural College, where Dean W. R. Dodson showed us the progress they are making in teaching a diversified agriculture to the future "planters" of the new South.

The agricultural college buildings are all very new and built on a site especially selected and arranged, so that the grouping, architecture and landscape ensemble a modern college of uniform style which has not been penalized by the changing moods of many generations of trustees, as have our older schools and colleges in the North.

One of the interesting sights was the Brahmas, or so-called "sacred cattle" which have been imported from India to cross with the cattle of the South, because of their immunity to the ever-present tick.

We were shown a unique experimental sugar-refinery, largely built by the students themselves, a five story building of considerable proportions, which is equipped to handle either sugar-cane or sugar-beets. The theory being, that with this combination a refinery in Louisiana could be kept in operation practically the year around. Obviously, Michigan cannot compete in sugar-cane growing, so it is to be seen whether Louisiana can successfully grow beets, if she can, then here looms another competitor for our beet-sugar market.

New Orleans

We were up before the sun to visit the old market in this quaint old city, so rich in French-Spanish history. Except for the fish section it might have been the Eastern market at Detroit on a July morning. But here we watched them cut up giant turtle, open oysters and shuck schrimps, and at noon, when we sampled these delicacies of the Gulf of Mexico in the famous old "Louisianne" restaurant, we understood why this city is world-famous for its sea-food cooked as only the Creole knows how.

In striking contrast to the old French section of New Orleans, with its over-hanging balconies, streets so narrow that two vehicles cannot pass, and its ancient cathedral, is the modern metropolis with its forty story skyscraper, and a harbor development second to none in the world.

We rode for miles up and down the mighty Mississippi, which is widened here into a harbor over a mile in width, past warehouses owned by the city which will hold more cotton than it would appear to the observer one small world could ever use. These warehouses actually afford an area of more than 5,715,289 square feet and will safely store six million bales of cotton, are seven miles long, built of steel and concrete and represent the largest development of their kind anywhere in the world. A public grain elevator with a capacity of 2,500,000 bushels also faces the wharves. Yet from the boat on which we are riding we can barely see the tops of the factory buildings, which are behind the levees and thirty feet or more lower than the surface of the river on which we are floating. One must be a native of the Mississippi valley to calmly go about his business, never giving a moment's concern to the fact that only a narrow levee holds back a flood of yellow water!

Houston and Galveston

Once proud Galveston, principal harbor of the great state of Texas, smiled at the growth of a village forty-five miles from the sea and chuckled at its apparent immunity for all time from competition with its matchless port. The ships at Galveston wharves bore the flags of every maritime nation in the world and discharged their cargoes and re-loaded with the products of the great and rapidly developing empire of Texas.

Today, we watched a merchant ship bearing the flag of Japan, swing out from her berth at the Houston turning basin and head down a man-dredged canal, for Tokyo, Osaka, or Yokohama, and she will pass Galveston two or three hours from now without so much as tooting a salute.

It is perfectly safe to make this statement in Michigan, but to mention this fact on the front-porch of

POULTRY

KLAGER'S "PURE BRED" CHICKS ARE FROM healthy parent flocks culled for egg production. Will grow into profits for you. Most quality per dollar. Cert-O-Cull Chicks. Five leading breeds, White Rocks, Barred Rocks, Rhode Island Reds, White Leghorns, White Wyandottes. Get information about our chicks before placing your order for the season. Order now—chicks delivered when you want them. 100% live delivery. Postage prepaid. Descriptive circular free. Klager's Hatchery, Bridgewater, Michigan.

RICHARDSON'S ROCKY RIDGE DAY AND two weeks old chick. Stock blood tested three years for bacillary white diarrhea. W. Richardson, Hanover, Michigan.

BETTER CHICKS AT LIVING PRICES— Eleven breeds. Eighty per cent of our chicks go to old customers. Write. Litchfield Hatchery, Litchfield, Michigan.

PULLETS—8 AND 10 WEEKS OLD, 85c EACH. Special May and June prices on our quality Pure Bred Baby Chicks, S. C. White Leghorns \$100.00 per thousand, Barred Rocks and Reds, \$12.00 per hundred, \$115.00 per thousand. Arrowhead Farm and Hatchery, Montrose, Mich.

MICHIGAN ACCREDITED WHITE LEGHORN chicks. 100-\$9.00; 200-\$17.50; 500-\$40.00. Safe arrival guaranteed. Order from this ad and save time. Ottawa Hatchery, Holland, Mich.

EIGHT WEEK OLD WHITE LEGHORN PUL- lets \$90.00 per 100. Cockerels free. Live delivery guaranteed. Gumser Willow Farm, Holland, Michigan.

REDUCED PRICES ON BABY CHICKS FOR May. 100% live delivery guaranteed. Purebred Leghorns 10c, Rocks and Reds 12c, Wyandottes and Orpingtons 13c. Discount on large orders. Send for free catalogue and prices. Model Hatchery, Box 8, Monroe, Ind.

WHITTAKER'S MICHIGAN CERTIFIED REDS. Both combs. Trapped, Bloodtested. Michigan's Greatest Color and Egg Strain. Chicks, Eggs, Cockerels. Catalog Free. Interlakes Farm, Box 2, Lawrence, Mich.

QUEEN QUALITY ACCREDITED CHICKS. Hollywood and Tanager S. C. White Leghorns \$11.00 per 100. Barred Rocks, S. C. and R. C. Reds, \$14.00 per 100. Queen Hatchery, Zeeland, Michigan.

BARRED PLYMOUTH ROCK EGGS. ARISTO- crat strain, \$1.50 per 15, \$5.00 per 60. N. Ayers and Son, Silverwood, Michigan.

W. WYANDOTTE HATCHING EGGS FROM Fishel's egg a day line culled flocks. \$5 per 100. Mrs. Tracy Rush, Alma, Mich.

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

WHITE HOLLAND TURKEYS, TOMS AND hens. Toulouse ganders. White Pekin ducks, drakes. Alden Whitcomb, Byron Center, Mich.

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FOR SALE. 240 ACRES, PARTIALLY CLEAR- ed, with spring creek. Good house and cellar, shed barns, small orchard. Good pasture. Priced right for quick sale. Thomas McLaughlin, Sears, Michigan.

FOR SALE, SEVENTY ACRE FARM. WILL sacrifice for less than cost of buildings. For full particulars, write. L. M. Worden, R4, Ionia, Michigan.

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IF YOU ARE A MAN WORTHY OF THE NAME and not afraid to work I'll bet you \$50.00 you can't work for us thirty days and earn less than \$200.00. Think I'm bluffing? Then answer this ad and show me up. Openings for managers. Wonder Box sells on sight. The best selling proposition in America today. Write Tom Walker, Dept. 183, Pittsburgh, Pa.

PET STOCK

RABBITS WANTED, FLEMISH GIANTS, breeding age. State color, age, sex, weight and price. Pedigree preferred. Claude Greenwood, St. Johns, Michigan.

MISCELLANEOUS

RICH MAN'S HARVESTER, POOR MAN'S price—only \$25.00 with bundle tying attachment. Free catalog showing pictures of harvester. Process Co., Salina, Kansas.

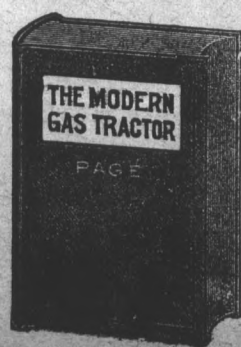
WANTED—BOARDING HOME FOR 13 YEAR old boy. Willing to work. Has had farm experience. Write Box 45, Michigan Business Farmer.

YOUR BARREN COWS CAN BE MADE "SAFE" With Calf or money refunded. Remedy \$2. Booklet Free. Breed-O-Remedy Co., Box E, Bristol, Conn.

CHOICE WHITE CLOVER HONEY, POST- paid, five pounds \$1.00. Homer Buzzard, Fenton, Michigan.

FARMERS' WOOL MADE INTO BLANKETS, batting and yarns at fair prices. Send for circulars. Monticello Mills, (Estab. 1886) Monticello, Wisconsin.

SPECIMENS WANTED, METEORITE OR NAT- ural metallic iron. Stuart Perry, Adrian, Mich.



The Modern Gas Tractor

By Victor W. Page

An invaluable book to any tractor owner or operator. Contains 590 pages, over 300 illustrations, 3 folding plates, is printed on line paper and cloth bound. Add it to your library.

\$2.50 POSTPAID

The Book Review The Business Farmer Mt. Clemens-Mich.

the Hotel Galvez would be suicidal. You may gather from the above that Galveston today holds about the same opinion of Houston that Houston does of Galveston. From what their boosters told me, I believe their opinion of each other is the only thing they hold in common.

One cannot take a ride down the Houston ship canal without getting such a thrill as comes only at the Culebra cut, or at some other place where the mastery of man over nature's handicap is apparent. Houston, destined by geographical position to forever be an inland city, dependent upon Galveston as an inlet and an outlet for her industry, dug a canal forty-five miles to the Gulf of Mexico, and wide enough and deep enough for the largest ocean-going vessels to traverse safely and speedily. Thus in one grand gesture did Houston become an ocean port for all time, which destines her to be the metropolis of this amazing state.

(Editor's Note: In the next issue we will follow Mr. Slocum to Corpus Christi, to the largest ranch in the United States and through the wonderful Rio Grande Valley to the Mexican border.)

RADIO DEPARTMENT

By B. K. OSBORN

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

The Business Farmer broadcasts daily, except Saturday and Sunday, through station WGHP, of Detroit, on a wave length of 270 meters.

6:15.....Farm School
6:40.....Markets and News

WHICH STATIONS DO YOU PREFER?

RADIO broadcasting stations have become so plentiful it seems as though it is almost impossible to tune-in one station with any degree of satisfaction unless you are right near the station you want to get. If you try to get distance you have two or three stations on at once. Something must be done to clear up the air, and it is for that reason a Radio Commission has been appointed with headquarters at Washington, D. C. Their main duty will be to pick from over seven hundred stations now on the air the ones that deserve the most consideration, the ones that are the most popular and should have the most favorable wave lengths and hours for broadcasting. You can imagine what a big job they have on their hands. To help the Commission get this information practically all of the daily newspapers of the country are requesting their readers to write in advising which stations they like best. In most cases a list of the first ten is requested. When you consider that thousands upon thousands of those readers will respond you can readily see how valuable this information will be in helping the Commission to decide. However, most of these folks will be residents of the towns and cities, and we want to see the farmer have a voice in the matter. It is only natural that his taste differs some from the city man's, and one should have his wishes respected just as much as the other. Write in telling us which stations you prefer, listing them in the order of their popularity so that we can put the information in the hands of the Radio Commission to give them the farmer's viewpoint. Address your letters to The Radio Department, THE BUSINESS FARMER, Mt. Clemens, Mich.

No Athlete

One Boy: "My brother has a gold medal for running five miles, an' one for 10 miles; a silver medal for swimming; two cups for wrestling, an' badges for boxing an' rowing!"

Another Boy: "He must be a wonderful athlete."
"He's no athlete at all. He keeps a pawnshop."

The Place For It

"Do you want me to put the muzzle on your dog for you?"
"No, indeed," said the woman who had talked for half an hour. "When I get home I will put it on myself."

H A V E A C A M E L



Camels are superb tobaccos in a joyous blend

NO DOUBT about it, you can't beat Camels, regardless of how much you pay. Here are the world's choicest tobaccos combined with a skill that makes Camel the masterpiece of cigarettes. Smoke a pack or a million and each successive Camel opens a new understanding of tobacco enjoyment. Never a tired taste in a thousand packs of Camels.

For smoking pleasure supreme, get acquainted with Camels. There is or can be no better tobaccos or blending. Camels are first in popularity, and your own pleasure, as soon as you try them, will confirm the experience of millions.

In fact, you'll agree, after a trial, that this is the one sure call to smoke contentment: "Have a Camel!"

R. J. REYNOLDS TOBACCO COMPANY, WINSTON-SALEM, N. C.

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THEY BEAR INSPECTION

Reliable Poultry Farm

LOWEST PRICES

IN OUR 30 YEARS BREEDING EXPERIENCE Pay Only ONE CENT Per Chick With Order

Tom Barron Strain S. C. White Leghorns, 270-300 egg foundation; 300-egg strain Anconas; all large, long bodied birds with large combs. Heavy winter layers. Also Evergreen strain Rose Comb White Wyandottes. Reduced Prices for last of April and for May delivery.

	50	100	500	1000
S. C. White Leghorns.....	\$6.00	\$11.50	\$55.00	\$100.00
S. C. Sheppard's Anconas.....	6.00	11.50	55.00	100.00
Rose Comb White Wyandottes.....	7.50	14.00	68.00	
Broiler or Mixed Chicks.....	4.75	8.50	40.00	

Deduct 2 cents per chick from these prices for June delivery. Deduct 1 1/2 cents per chick for broilers. For our EXTRA SELECTED MATINGS ADD 2 CENTS PER CHICK TO THESE PRICES. Order direct from this ad—Save time and worry. We guarantee satisfaction and 100% live delivery on all chicks. Shipped postpaid. Reference: Zeeland State Bank.

Reliable Poultry Farm & Hatchery, Route 1, Box 41, Zeeland, Michigan.

White Leghorn Chicks

Our chicks are from Egg Line Bred Barron Strain. They are all culled. Inspected by Michigan State Accredited. Discount for May.

25	50	100	500
Price \$3.00	\$5.50	\$10	\$48.00

10 per cent with order.
Balance 6 days before shipment. 100 per cent safe arrival.

ELGIN HATCHERY,
Zeeland, Michigan.

SEND NO MONEY FOR SILVER LAKE CHICKS
Just mail your order. We ship C. O. D. and guarantee prepaid 100% live delivery of sturdy, pure-bred chicks, from healthy bred-to-lay flocks. Wh., Br. & Buff Leghorns 10c; Eng. Wh. Leg. 11c; Trapped Wh. Leg. 13c; Bd. & Wh. Rocks, R. I. Reds, Anconas, Bl. Minorcas, 12c; Buff Orpingtons, Wh. Wyan., Buff Rocks, Wh. Minorcas, 13c; Mixed 8c; all heavies 10c. Orders for 50 chicks 1c more, 25 chicks 2c more.
Silver Lake Egg Farm, Box MB, Silver Lake, Ind.

CHICKS! Reduced Prices! 7c Up!

From Michigan Accredited Class A Flocks. Special Eng. Whites, S. C. Eng. White and Brown Leghorns, Anconas, R. I. Reds and Assorted chicks. No money down. 100% live delivery postpaid. Catalog free.

THE BOS HATCHERY, R. 2-B, Zeeland, Mich.

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



DILIGENT CHICKS DID IT
and will do it for you

We confidently believe we are sending out the finest, strongest, real quality chicks at the most popular prices. Twelve years of honest dealing behind us. Located 2 Miles North of Holland, Mich., on M-11. Visitors welcome.

PULLETS AFTER MAY FIRST

	25	50	100	500
Postpaid prices on				
S. C. White Leghorns.....	\$2.75	\$5.25	\$10.00	\$45.00
Barron Plymouth Rocks.....	3.50	6.75	13.00	62.50
Rhode Island Reds S. C.....	3.50	6.75	13.00	62.50
Mixed all heavies. Good chicks.....	2.75	5.25	10.00	47.50
Mixed lights. All good chicks.....	2.25	4.25	8.00	37.50

DILIGENT HATCHERY & POULTRY FARM
Wm. J. Knoll, Prop. RR. 11 Holland Mich.



Finish What You Started—

Feed Larro Growing Mash Now

No other feed does as much as a good growing mash to give young chicks the big, husky bodies, the appetite, the ambition and the capacity they need for the work ahead of them.

That is why we spared no effort or expense to put into Larro Growing Mash—minerals and dried buttermilk and other choice ingredients—everything needed to make it the ideal feed for the growing period.

That is why, before we sold a pound of it, we made hundreds of tests with our own chicks at the Larro Research Farm, the proving ground for Larro feeds, just to be sure that Larro Growing Mash would get better results than any other growing mash.

Expert poultrymen have written from all parts of the United States telling us that they, too, have had similar experiences with Larro Growing Mash. Miniborya Farm, Drewry's Bluff, Va., for instance, entered in the Georgia Egg-Laying Contest, a pen of ten white leghorns developed on Larro Growing Mash. The ten birds laid 258 eggs for the month of January and received the highest rating of any single pen entered in any of 27 contests held in the United States and Canada.

In the Southeastern Egg-Laying Contest, Miniborya's Larro-grown pullets took first, third and ninth places in a field of 1200, entered from 12 states. First place was given for a laying record of 309 eggs in one year.

Make Larro Growing Mash a permanent part of your feeding program. You'll be amply repaid through better production when your flock starts laying.

THE LARROWE MILLING COMPANY
DETROIT, MICHIGAN

Larro

"Feeds That Never Vary"

Send for interesting and helpful Free Bulletin on "Finishing the Pullets". Ask for Number 28 M



Look for the red, white and blue bull's-eye sack. It's your assurance that you are getting the best feed made and one that is always uniform

Controlling Rural School Affairs

IN presenting our report I am presuming that some of you at least, unless you have studied the subject, do not know just what a so-called county unit embraces. There are two types or systems in force, that known as a complete plan and the partial plan. The only difference is in the degree of administrative authority experienced as I shall detail later in this report.

There are at present eleven states operating under the complete plan, namely, Alabama, Florida, Georgia, Kentucky, Louisiana, Maryland, New Mexico, North Carolina, Tennessee, Utah, and Virginia.

In all these states the administrative authority of school affairs is

One of its chief objections is that it is undemocratic, that it is no longer of, by and for the people. This in my judgment outweighs all others as the fundamental principle of local self-government, school or civic.

It is claimed also, and with some element of truth, that the people do not now have sufficient interest in their schools. In most districts there are some who are not particularly interested in school affairs except from a taxpaying standpoint, but it is my observation that parents of pupils of school age are interested.

Interest and control are interdependent and it necessarily follows

IN our January 15th issue we published an article regarding the organization of the rural school officers of Washtenaw county known as the "Rural School Officers and Patrons Association of Michigan." The purpose of the organization is said to be to encourage that people in the rural communities have more of a voice in rural school matters. Since then the county unit committee of the association made a report to the rural school officers of their county from which we are publishing excerpts.—Editor.

vested in a county board of education of five, seven or nine members, elective by the people. The power of this board in different states is not identical but in general may be classed as follows:

1. To appoint a county superintendent of schools (school commissioner) and determine his salary;
2. Determine annually the county school budget;
3. Determine the educational policies for the school county;
4. Levy uniform school tax for the county;
5. Expend all school money for county schools;
6. Issue bonds if necessary for school buildings within constitutional limits;
7. Appoint all school teachers, supervisors, principals, attendance officers, bus drivers, janitors and other employees and fix their salary;
8. Provide the necessary modification of the curriculum for each school county in harmony with state law;
9. Abandon, combine or consolidate schools in its discretion.

If you will examine the general school laws of this state and note the changes which have been made in the last twenty years or less you will be impressed with the fact that during this period there has been a gradual diversion of school control, away from the people they serve and the placing of that control in the power of state and county authorities. Chiefly in the hands of the state.

That effort is not singular to Michigan, it is not sporadic, but it is apparently a well defined plan of professional educators and administrators of the country to centralize into compact bodies the educational facilities of the nation. Furthermore these changes have been made not at the insistence of the people themselves, but generally without their knowledge or consent.

It is at once apparent that under a complete county plan once the machinery is provided you have a board of complete autocratic control, able to dictate the school policies without serious interference from the people who are affected.

that with control entirely removed, interest would, also diminish. A single board in one county could not be interested in the individual districts as are the local patrons and could consider their problems only in the aggregate and therefore would be less amenable to the desires of any individual or any particular district.

In general, the county unit system provides the "master stroke" to remove the control from the people and to permit the introduction of many changes without the necessity of obtaining those changes by separate effort, nor in separate localities.

Eight states have the partial plan, namely: Arkansas, California, Mississippi, Ohio, South Carolina, Texas, Washington, and Wisconsin.

The duties of the county board under the partial county unit system, like the complete, differs in various states, but in the main applies to the directing of the policies of the superintendent or commissioners office with that official acting in an advisory capacity, and as executive officer.

Michigan patrons should be particularly concerned with the changes taking place in other states, owing to the presenting to the legislature and subsequent defeat last year and the reintroduction this year of a bill for the partial county unit plan. Its interest should not end with the partial plan because of the fact that several states which now have the more drastic complete plan first adopted the partial.

This bill which was introduced last year, a copy of which I have in my possession, briefly, provided for the election of five members as a board of education in each county. The terms of each overlap, similarly to district and city boards. They draw no salary, save travelling expenses. No two members can hold office simultaneously from the same township or city.

Their duties are to employ a county superintendent of schools, deputies, supervisory teachers, clerks in

MEET PROF. L. F. LIVINGSTON, FOLKS



L. F. Livingston

PROF. L. F. LIVINGSTON is an Extension Specialist at M. S. C. as many of you know. Agricultural engineering is his work, and we might add his play also as he is greatly enthused over it. He was born in Ohio in 1889, and secured his education in the states of Ohio, Iowa and Washington. It was in the latter state that he secured his B. S. degree in civil engineer work. That was in the year of 1908. Nine years later he came east and affiliated himself with the University of Wisconsin, in charge of land clearing work. Beginning in January 1918 he spent over a year in the service of his country. After that he married and in 1921 moved to Marquette, Michigan, as an expert in charge of agricultural engineering for M. S. C. A year ago he was placed in charge of all agricultural engineering extension work in the State. Michigan is proud of him and the fine work he is doing. Others appreciate him also as is evident from the fact that he has served as chairman of the Land Clearing Committee of the American Society of Agricultural Engineers and held the same position on their Forestry Committee.

office and any other employees, necessary and fix the salary of each.

The superintendent is employed for a term of four years and acts as executive officer to the board.

The board has power to remove, upon recommendation of the superintendent, any employee but has no power to remove the superintendent. That removal is provided for in the general school law.

In many counties, Washtenaw included, with the cities participating in the selection of this board, it would result in few townships, having representatives on this board unless it had a village or city within its borders. Because of the congested voting centers, rural patrons would have only slight control over an office which functions entirely for rural schools. The passage of this bill would also provide for the creation of several hundred new teaching officers in the state by its provision for supervisory teachers.

Is the county unit system the salvation of higher educational standards?

Permit me to point to some outstanding records of achievement by states which have no county unit system.

From a survey by the Russell Sage Foundation of the educational standards of all states the following may be noted: In 1900 Montana ranked tenth; in 1918, ranked first; Arizona, 32nd in 1900, third in 1919; Idaho 34th to 18th in the same period, Michigan 19th in 1910, tenth in 1918; North Dakota 27th in 1910, 15th in 1918; Iowa 30th to 7th in same period and Indiana 18th to 4th in 1924.

The only states ranking above Indiana in 1924 were California, New Jersey, and Ohio, none of which have the complete plan. Furthermore, with the exception of Utah, not one of the states having the complete plan rank in the upper one-third of educational standing.—Walter Rawson, Chairman.

The Experience Pool

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

CARING FOR CHICKS

DEAR EDITOR:—I have worked out a simple method in the care of baby chicks which has been very successful. Perhaps it may help some of the readers of your paper. I do not feed until they are three days old. Then I start with all the new milk they want and a small amount of good commercial chick starter mush to which is added about a teaspoon of cod liver oil per 100 chicks. After the first week increase the oil to about three teaspoonsful per day per 100 chicks and keep it before them all the time. I continue to give new milk at the rate of one quart per 100 chicks after the first week and also keep water before them all the time. Also grit of some kind.

I do not feed any scratch grains the first two weeks as a dry mash alone prevents them from eating more than they want also preventing bowel trouble. After two weeks old I feed about ten T of scratch feed per day for one hundred chicks. This is fed whenever I am in the brooder house during the day.

I have lost only 2% of them by using this method and expect to have 2 lb broilers at ten weeks of age.—E. V., Ewart, Michigan.

THRUSH IN FOOT

DEAR EDITOR:—I notice in your March 12th issue on page 33, Mrs. S., Paw Paw, wanted to know what to do for thrush in horses feet. I have a cure that never failed. Get two ounces of tincture of salts, pick up the horse's foot, clean, then apply and hold foot up a bit. It won't touch anything but bad flesh. Apply twice a day for a few days and once a day after. It will do the work.—H. B. D., Manton, Mich.

His Gift

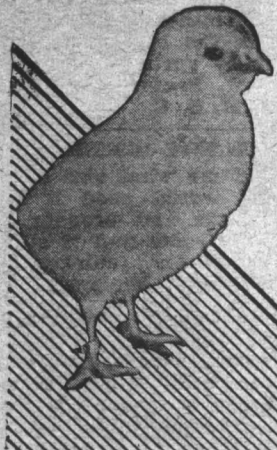
A Scotchman invited to a golden wedding was told that each guest would be expected to take a golden present. He took a goldfish.

big reductions SUPERIOR LEGHORNS

During the weeks of May 16, 23, 30 and June 6, 13, 20 and 27 we will deliver to you prepaid and 100% live delivery guaranteed, Superior S. C. White Leghorns at the following remarkably low delivery prices. Just fill in the coupon below for the number you desire and mail it today. We will ship your order when you designate.

100 for \$9.00
500 for \$45.00
1000 for \$85.00

\$375 Net Profit in One Month



That is what Guy Burgis of Fair Grove, Mich., made last January with 832 pullets raised from 2000 Superior chicks bought last June. Write today for our latest low prices and get started with the right stock. Stock of this quality is cheap even at prices much higher than we are asking.

THESE CHICKS ARE MICHIGAN ACCREDITED

Even at these low prices these chicks are Michigan Accredited and will pass the exacting requirements to be classed as such. Furthermore on Superior Farms breeding plant is where we blend our Tancred and Barron strains to produce those big bodied profitable birds. We have 600 pullets entered in R. O. P. (record of performance) this year and are individually pedigreed—thousands of chicks. Write for complete information describing special matings at slightly higher prices.

Superior Poultry Farm, Inc.

Box 401, Holland, Michigan

GENTLEMEN: Enclosed please find \$_____ for which please ship me _____ Leghorns as advertised the week of _____ (Signed) _____ P. O. _____ State _____

PROFIT PRODUCING CHICKS

—SPECIAL SUMMER PRICES—

Make money this summer raising B & F chicks. Late broilers bring good prices and the pullets will be laying in five to six months. You have your choice of three breeds—all profitable.

S. C. WHITE LEGHORNS	50	100	500	1000
	\$8.00	\$11.00	\$52.50	\$100.00
BARRED ROCKS & R. I. REDS	7.00	13.00	62.50	120.00

S. C. WHITE LEGHORNS	50	100	500	1000
	\$5.00	\$ 9.00	\$42.50	\$ 80.00
BARRED ROCKS & R. I. REDS	6.00	11.00	52.50	102.50

Broilers all heavies \$9.00 per 100; \$42.50 per 500. Mixed Broilers \$8.00 per 100; \$37.50 per 500.

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

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

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



FOREMAN'S CHAMPION LAYERS

Chicks—Ten Week Old Pullets—At Reduced Prices

State and National official laying records have been made by Foreman's quick maturing strains of Barred Rocks and White Leghorns hatched during May.

Write for free catalog illustrating our official winning individuals and pens and America's foremost strains of high production Barred Rocks and White Leghorns. We breed our Winners.

FOREMAN POULTRY FARM, Box 323-E, Lowell, Mich. Prof. E. C. Foreman, Owner and Manager.

Babion's Pure Bred Chicks

Also BLOOD TESTED CHICKS from highest producing strains in all leading varieties. 100 per cent Live Delivery Guaranteed. 35 VARIETIES.

S. C. White, Brown & Buff Leghorns, Anconas	Prepaid Prices on 25	50	100	500
Barred, White & Buff Rocks, R. I. Reds	\$2.75	\$5.50	\$10.00	\$45.00
White Wyandottes, Black Minorcas	3.75	7.00	13.00	62.00
Buff & White Orpingtons, S. L. Wyandottes	4.25	8.00	15.00	72.00

Mixed Heavies, \$2.75; \$5.50; \$10. Mixed Lights, \$2.50; \$4.50; \$8.00. Send for large Price List including Ducklings. Please remember Quality goes ahead of Price. Consider this when you place your order. No. C. O. D. orders shipped. 10% will book your order, balance 2 weeks before chicks are delivered. BANK REFERENCES. You cannot go wrong in ordering from this ad direct. CHICKS Hatched from TRAPNESTED LAYERS, 3c per Chick higher than above prices. CHICKS Hatched from BLUE RIBBON PENS, all BLOOD TESTED, 8c per Chick higher. Write at once today.

BABION'S FRUIT AND POULTRY FARMS, Lock Box 354B, FLINT, MICHIGAN.

ROYAL EGG BRED LEGHORNS

Our White Leghorns won the 1925 Michigan Egg Contest. Contest average 176 eggs. Our pen averaged 241 eggs. You get same blood lines as produced these winners in Royal Chicks.

303 EGGS AT AMERICAN EGG CONTEST. This year our hen No. 251 laid 303 eggs at the American Egg Contest. Is it any wonder "75% of our business is from old customers"? In spite of heavy demand as a result of these winnings our price remains the same. Order early and be sure. Money refunded if order can't be filled when specified. Free literature.

ROYAL HATCHERY & FARM, S. P. Wiersma, Prop. R2, Box E, Zeeland, Mich.

RELIABLE CHICKS

LOW PRICES NOW

Get your Chicks for winter layers right now at these low prices. Order from the prices given below. These chicks are strong, healthy and pure-bred. We guarantee 100% live delivery and satisfaction.

S. C. White Leghorns, 9c; Barred Rocks, 12c; Assorted, 7c

Reliable chicks have proved satisfactory for years. You can depend on them. Order today at above prices. Orders less than 100 lb more. Bank reference. **RELIABLE HATCHERY, 92 EAST SEVENTEENTH ST., HOLLAND, MICH.**



Hicks knows Chicks

REESE V. HICKS, Managing Director of the International Baby Chick Association says, "To attempt to raise baby chicks without the use of buttermilk is the most serious mistake a poultry raiser can make." Collis Process Pure Dried Buttermilk contains the germkilling lactic acid small chicks need to stimulate digestion, regulate the digestive tract and ward off poultry ailments. If you want authoritative ideas on correct poultry feeding send for our 44-page Poultry Manual. It is free.

Collis Products Company
Dept. 690 CLINTON, IOWA

COLLIS PROCESS PURE DRIED BUTTERMILK

Pure Bred Means Profits

Get Myers Pure Bred Chicks for profits, from leading strains of S. C. White Leghorns, Barred Plymouth Rocks, Rhode Island Reds and White Wyandottes. Chicks from paying parent flocks will live and grow and pay for you.

Cert-O-Culd
Flocks are pure bred, culled for egg production, size and type, Smith hatched chicks, healthy, vigorous and peppy. Order early. Shipped when wanted. Live delivery guaranteed. Write for descriptive catalog.

Myers Hatchery
Box 7
Mt. Pleasant, Mich.

LIVE and GROW

CHICKS! LOOK! READ!

Pure Bred S. C. Whites and Brown Leghorns and S. C. Anconas. Flocks culled by an expert. Strong sturdy chicks at \$9.00 per 100; 40.00 per 500; \$80.00 per 1000. Shipped postpaid. 100% live arrival guaranteed. Order direct from this ad. Bank references. **Riverside Poultry Farms, R7, Holland, Michigan.**

S. C. Buff Leghorn Chicks From Bred To Lay stock. Michigan Accredited. Send for circular. **J. W. Webster & Son, Bath, Michigan.**

Buy Your Baby Chicks From M. B. F. Advertisers

WOLVERINE S.C. WHITE LEGHORN
BLOOD WILL TELL **100% SAFE ARRIVAL GUARANTEED** **BABY CHICKS** **MICHIGAN ACCREDITED**

SPECIAL JUNE PRICES

Order Direct from this ad. and Save Time, or Send for Catalog

	50	100	500
Grade A Mating, Our Very Best	\$7.50	\$14.00	\$67.50
Grade B Mating, from Selected Stock	6.00	11.00	52.50

On All Orders Mailed Us Before JUNE FIRST Deduct 10% from the Above Prices

Send \$1.00 for Each 100 Chicks Ordered. Pay Postmaster Balance When Chicks Arrive

100% Safe Arrival Guaranteed. We Pay the Postage.

Have You Tried Wolverine Leghorns?

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

Bred for Size, Type and Egg Production Since 1910

All breeders accredited by Michigan State College and Michigan Poultry Improvement Association. Don't buy any other chicks until you have our new 1927 catalog explaining our matings in detail and how you can have greatest success with poultry.

Write for copy, it's FREE.

WOLVERINE HATCHERY & FARMS
 H. P. WIERSMA, Owner, Dept. 5, ZEELAND, MICHIGAN.

EGG LINE WHITE LEGHORNS
BABY CHICKS-EGGS

For JUNE Shipments	25	50	100	500	1000
Super Mating	\$4.00	\$7.50	\$14.00	\$65.00	\$120.00
Standard Mating	3.00	5.50	10.00	47.50	90.00

Buy Your Baby Chicks from stock that has proven its worth. A choice from either our Super or Standard Matings will provide you with a flock of dependable breeding—from birds that have demonstrated their worth in our own flocks.

PATER Pen Won Michigan 1926 International Egg Laying Contest. Birds entered were from our proven Tanager Strain Breeders. Get this blood for best results. All flocks, eggs, chicks, Michigan Accredited. Every bird approved and all males leg banded by a Michigan State Poultry Improvement Association Inspector.

Illustrations show our Michigan 1926 International Egg Laying Contest Winners. Our pen of ten birds laid 2488 eggs in 51 weeks, and averaged 248.8 eggs each. All chicks prepaid parcel post or express.

We Guarantee 100 Per Cent Live Delivery

J. PATER & SON, Route 4, Box B, Hudsonville, Mich.



WINSTROM
BIG HUSKY CHICKS
 PROVEN LAYERS—MICHIGAN ACCREDITED.
 GET THESE HIGH QUALITY PROFIT PRODUCERS
 ENGLISH AND TANCRED STRAIN WHITE LEGHORNS, S. C. BROWN LEGHORNS, SHEPPARD'S ANCONAS, BARRED ROCKS AND S. C. RHODE ISLAND REDS. Also Mixed Assorted Chicks. All from carefully culled, selected breeding stock. Heavy Laying Type, Profit Producing Pullets, from English and Tancred White Leghorns. Order NOW for Assured deliveries. FREE Circular Gives Full Details. Write at once. 100% Live Delivery Guaranteed. Bank Reference.

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

AMERICAN CHICK FARM
 Michigan Accredited. S. C. White and Brown Leghorns, Anconas, Black Minorcas, and Barred Rocks. Our Leghorns are large, deep bodied birds with full lopped combs.
WRITE for SPECIAL PRICE REDUCTION on MAY and JUNE DELIVERIES. Describes in full, gives full details of our matings and tells how to raise Baby Chicks for Greater Profit. Write for prices. FREE 1927 CATALOG.
 We Guarantee 100% Safe Arrival in Good Health.
 Member International Baby Chick Association
American Chick Farm, Box B, Zeeland Michigan

Michigan Accredited Chicks

Buy your chicks from heavy laying flocks that are officially accredited by inspectors supervised by Michigan State College and of prize winners at the Holland Poultry Show. White and Brown Leghorns, Anconas, Barred Rocks, S. C. R. I. Reds, 100% live delivery, postpaid. Send at once for free catalogue, full particulars and details—prices from 8c up.

HILLVIEW HATCHERY, C. BOVEN, Proprietor
 R. 12, Box 40 HOLLAND, MICHIGAN

Fairview Profit Producing Strains
 BIG DISCOUNTS NOW FOR EARLY ORDERS ON HATCHING EGGS, CHICKS, PULLETS AND EARLY BREEDING COCKERELS.
 Michigan Accredited. Six Leading Varieties. Trapnested Leghorns Under R. O. P. Worth S. C. Heavy Type White Leghorns. White and Barred Rocks. S. C. Anconas. S. C. Rhode Island Reds. S. C. Brown Leghorns. We Guarantee Satisfaction.
WRITE FOR OUR LIVE AND LET LIVE PRICES.
Fairview Hatchery & Poultry Farms, Box B, Zeeland, Mich.

BUY YOUR BABY CHICKS FROM MICHIGAN BUSINESS FARMER ADVERTISERS

Poultry Department

(Questions answered free of charge.)

FAIL TO HATCH

I have been having trouble hatching eggs this year. Most of the eggs have fully developed chicks in them but do not hatch. Will you kindly give me the cause and a remedy?—W. O. P., Sturgis, Mich.

MANY times we find that chicks develop until the 20th day, at which time death occurs. This is usually attributed to either of two faults. First, it may be that the stock from which the eggs came was of rather low vitality, and the germ weakened, or second, it might be that there was not sufficient moisture in the incubator to properly soften the membrane, thus making it possible for the chick to pick the shell.

A suggested remedy might be to improve the vigor of the parent stock, or to add extra moisture to the incubator either by placing moisture pans in the bottom of the incubator, or by sprinkling the eggs.—C. G. Card, Professor of Poultry Husbandry, M. S. C.

SPACE FOR 100 HENS

Please tell me what size of poultry house I would need if I had about 100 hens and brooder room and incubator room and if stone is good for veneer for a chicken coop?—R. K., Gladwin, Michigan.

FOR 100 hens, we recommend a house 20x20 feet. A brooder house should be about ten feet square, to readily care for 300 chicks. I can see no objection except the expense, when one uses stone as a veneer for a chicken coop.—C. G. Card, Professor of Poultry Husbandry, M. S. C.

TWO OFFICERS GET CHICKEN THIEVES AND SPLIT REWARD
 (Continued from Page 4)

recent months and the courts have been called upon to make some examples of men caught in this business. The sentences have been heavy and are intended as a warning to others. If chicken stealing continues, the men engaged in it may expect sentences that will not make them happy. I am satisfied that the wives of these men were aware of what they were doing.

We wish other judges were at all times as courageous as Judge Covert and that other men on the bench had the same viewpoint in regards to the farmer's rights in this State. Brave officers backed by stern justice in the courts will solve this chicken thief evil as nothing else will do. Oakland county shows to other counties in the State a splendid example of cooperation between officers and the court and other counties can well afford to follow their example.

Fifty-Fifty on Reward

THE BUSINESS FARMER after a careful investigation of the facts in the case of the stealing of Mr. Anderson's chickens and a personal conference with Sheriff Schram are very happy to split the fifty dollar reward between Deputies Copp and Arnold, each officer will receive a check for \$25.00 as a reward for their efforts in leading to the arrest and conviction of the thieves involved in this case. We have Sheriff Schram's word for it that these men deserve the credit and should get the reward. Our reader Mr. Anderson also deserves considerable credit for his efforts in calling our attention to the loss of his chickens and pointing out the fact that he would like to see the officers get the reward, for after all they were the men who by their untiring efforts put the men where they belonged—behind the prison bars.

The Reason

Nurse: "Yes" Johnny, the doctor brought twins."
 Johnny: "Gee, that's what we get for havin' a specialist."

CANCER—FREE BOOK SENT ON REQUEST

Tells cause of cancer and what to do for pain, bleeding, odor, etc. Write for it today, mentioning this paper. Address Indianapolis Cancer Hospital, Indianapolis, Ind.—(Adv.)

White Diarrhea

Splendid Success of Mrs. Ethel Rhoades in Preventing White Diarrhea

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

"Dear Sir: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. My first incubator chicks when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Dept. 528, Waterloo, Ia., for a \$1.00 box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."—Mrs. Ethel Rhoades, Shenandoah, Iowa.

Cause of White Diarrhea

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

Never Lost a Single Chick

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

Never Lost One After First Dose

Mrs. C. M. Bradshaw writes: "I used to lose a great many chicks from White Diarrhea, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 528, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail."—Mrs. C. M. Bradshaw, Beaconsfield, Iowa.

You Run No Risk

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

WALKER REMEDY CO., Dept. 528, Waterloo, Iowa.

Send me the [] 50c regular size (or [] \$1 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to promptly refund my money if not satisfied in every way. I am enclosing 50c (or \$1.00). (P. O. money order, check or currency acceptable.)

Name
 Town
 State..... R. F. D.....

Mark (X) in square indicating size package wanted. Large package contains about two and one-third times as much as small.—(Adv.)

WHITE LEGHORN BABY CHICKS



COMMERCIAL MATING **MICHIGAN ACCREDITED**

For MAY and JUNE Delivery

S. C. WHITE LEGHORNS
 \$9.50 per 100 \$45.00 per 500 \$85.00 per 1,000

S. C. MOTTLED ANCONAS
 \$10.50 per 100 \$50.00 per 500 \$95.00 per 1,000

Odds and Ends (not accredited) \$7.00 per 100 \$32.50 per 500

ORDER DIRECT, Sending Cash-With-Order for MAY and JUNE deliveries. Illustrated Catalog with description of Wyngarden Special Matings sent FREE with special price list of Pullets, on request.

WYNGARDEN HATCHERY & FARMS
 BOX B ZEELAND, MICHIGAN

Baby CHICKS 8 to 12 Week RURAL PULLETS

MICHIGAN ACCREDITED

UNEXCELLED IN THEIR PRICE CLASS

READ OUR WINNINGS ON STANDARD PRODUCTION STOCK

LANSING STATE SHOW—1st Old Pen, 1st Young Pen, 1st Hen, 2nd Cock, 3rd Cockerel. ZEELAND SHOW—Special 1st Old Pen, 1st Young Pen, 3rd Young Pen, 1st Cock. WEST MICHIGAN STATE FAIR—1st Old Pen, 2nd Hen. In competition with some of the best and most noted stock in Michigan.

Also won many FIRSTS on Anconas and Brown Leghorns. Send for FREE Catalog. All flocks closely-culled, every bird banded.

PRICES GREATLY REDUCED FOR MAY 16th, 23rd, 30th DELIVERY.

WHITE LEGHORNS	Per 100	500	1000
Pure Hollywood, 260-290 egg pedigree	\$18.00	\$87.50	\$170.00
Improved Hollywood Mated, 260-290 egg pedigree	12.00	57.50	110.00
Tancred Mated	11.00	52.50	100.00
Barron White Leghorns	10.00	47.50	90.00
ANCONAS—Famous Sheppard Mated	12.00	57.50	110.00
Utility Anconas	10.00	47.50	90.00
BROWN LEGHORNS—Very best grade	11.00	52.50	100.00
BARRED ROCKS	13.00	62.50	120.00
BROILER CHICKS (not accredited)	7.00	35.00	

Shipments on Monday and Wednesday of every week. Write for Prices on Other Quantities. WIRE ORDERS PROMPTLY HANDLED.

PULLETS: White and Brown Leghorns, Free Range Raised, 8 to 12 weeks for shipment starting May 16th. WRITE FOR PRICES.

RURAL POULTRY FARM
 Route 1, Box B, Zeeland, Michigan.

Town Line POULTRY FARM

Michigan Accredited CHICKS REDUCED

Our stock is the result of 14 years of breeding for SIZE, TYPE, WINTER EGGS and HIGH FLOCK AVERAGE, instead of a few high individuals. We have HOLLYWOOD, TANCREDED, and ENGLISH type S. C. White Leghorns, SHEPPARD'S Anconas, Brown Leghorns and Barred Rocks. Hollywood foundation stock from 260-290 egg record; Tancred foundation stock from 250 up egg record stock. Ancona foundation direct from Sheppard. The very best in Brown Leghorns and English Leghorns. NEWTOWN hatched chicks from free range breeders. The strongest proof of the quality of our chicks is that we have doubled our hatching capacity over last year. With "TOWNLINE" you also get "PERSONAL SERVICE."

BIG PRICE REDUCTION USE THESE PRICES FOR DELIVERY WEEK OF MAY 23 AND 30

Eng. Type S. C. White Leghorns	100	500	Anconas and Brown Leghorns	100	500
Hollywood or Tancred Leghorns	\$11.00	\$50.00	Barred Rocks	\$11.00	\$50.00
Sorted or Mixed Chicks 8c each	13.00	60.00		14.00	65.00

Assorted or Mixed Chicks 8c each. For week of June 6-13, all prices 2c per chick less, except mixed, 1c. Chicks shipped postpaid. 100% live delivery guaranteed. Discount on early orders. Large New Catalog Free.

J. H. GEERLINGS, Manager, R. F. D. No. 1, Box E, ZEELAND, MICHIGAN.

WASHTENAW Baby Chicks

Michigan Accredited Chicks

These prices apply May 16 and after on our first class Michigan Accredited Chicks:

BARRED PLYMOUTH ROCKS	50	100	500	1000
S. C. & R. C. R. I. REDS	\$7.00	\$13.00	\$62.50	\$120.00
WHITE PLYMOUTH ROCKS	7.00	14.00	67.50	130.00
WHITE WYANDOTTES	7.50	14.00	67.50	130.00
GRADE A WHITE LEGHORNS	7.50	14.00	67.50	130.00
ENGLISH WHITE LEGHORNS	6.00	11.00	52.50	100.00

ASSORTED CHICKS (When we have them) 6.00 11.00 52.50 100.00

We have been producing high class poultry for 10 years and our chicks are the result of most careful breeding. You will not be disappointed. Write today. Catalog upon request.

Washtenaw Hatchery, 2502 Geddes Road, Ann Arbor, Michigan

LAKEVIEW POULTRY FARMS

REDUCED PRICES EFFECTIVE MAY 15TH

Lakeview chicks are Michigan Accredited Official records up to 252 eggs at Michigan egg contest 1923, 24, 25. Every breeder inspected and passed by inspectors supervised by Michigan State College. Smith Hatched.

Prepaid prices on 25 50 100 500 1000

S. C. White Leghorns (Tancred)	\$3.25	\$6.50	\$11.00	\$52.00	\$100.00
Barred Rocks, S. C. & R. C. R. I. Reds	3.75	7.00	13.00	62.00	120.00

Special Matings higher. Mixed Chicks \$8.00 per 100—all heavies \$10.00. Order from this ad at these prices. Member International Baby Chick Association.

LAKEVIEW POULTRY FARM, R. R. 8, Box 3, HOLLAND, MICHIGAN.

Bargain Sale of Baby Chicks

All Michigan Accredited. From the Very Best Egg Strains in the Country.

PRICES To May 15 May 15 to June 1 June and July

For Prompt Delivery in Lots of	100	500	100	500	100	500
S. C. W. Leghorns and Anconas	\$10.00	\$47.50	\$9.00	\$42.50	\$8.00	\$37.50
Barred Rocks	12.50	60.00	11.50	55.00	10.50	50.00
Broilers, Assorted	6.50	32.00	6.50	32.00	6.00	30.00

All Firsts—No Seconds. Biggest bargain we have ever offered on Baby Chicks of this high grade in all our long years of experience. Order NOW! Direct from this ad to insure delivery date.

MICHIGAN POULTRY FARM, Box 1, HOLLAND, MICHIGAN.

SILVER WARD SELECT CHICKS

ROCK BOTTOM PRICES

Read these new low prices on Silver Ward Accredited chicks. Every breeder approved by specialists under supervision of Michigan State College. 100% live delivery postpaid. Ref.: Zeeland State Bank. Member International Baby Chick Assn.

Extra Selected	25 chicks	For shipment	May 16	May 23	May 30	June or July
Barron S. C. Wh. Leghorns	50	3.75	8.50	3.25	8.00	
Tancred S. C. Wh. Leghorns	100	7.00	6.50	6.00	5.50	
Sheppard's Anconas	500	13.00	12.00	11.00	10.00	
	1000	62.50	57.50	52.50	47.50	
Standard Heavy Laying	85	3.25	3.00	2.85	2.75	
S. C. English Wh. Leghorns	50	6.00	5.50	5.25	5.00	
S. C. Anconas	100	11.00	10.50	10.00	9.00	
	500	62.50	50.00	47.50	45.00	
	1000	100.00	95.00	90.00	85.00	
Selected Bred-to-Lay	25	4.50	4.25	3.90	3.75	
Barred Rocks	50	8.50	8.00	7.25	7.00	
	100	16.00	15.00	13.50	13.00	
	500	77.50	72.50	65.00	62.50	
	1000	150.00	140.00	125.00	120.00	
Asst. Broiler Chicks	100	8.40	8.20	8.00	7.00	
All Breeds	500	40.00	38.00	37.50	35.00	

SILVER WARD HATCHERY BOX 30 ZEELAND, MICHIGAN

KNOLL'S S. C. White Leghorn Chicks

BABY CHICKS 8 WEEKS OLD PULLETS

SPECIAL INTRODUCTORY OFFER

We want you to know the High Quality of Knoll's Michigan Accredited Chicks and Stock. That's why we are offering our Special Low Prices on May and June Chicks, and April Hatched Pullets.

White Leghorns, Tancred Strain	Per 100	500	1,000
White Leghorns, Barron Strain	\$12.00	\$57.50	\$110.00
Brown Leghorns, Grade A	10.00	47.50	90.00
Barred Rocks, Grade A	14.00	52.50	100.00
Mixed Chicks (not Accredited)	7.00	32.50	

We guarantee 100% Live Delivery, Postpaid. PULLETS, 8 to 14 weeks, 85c to \$1.10 each according to age for delivery before May 25th. Your order must reach us by May 15th. Order from this ad. Satisfaction guaranteed.

Write for Catalog KNOLL'S HATCHERY, R. R. 12, Box B, HOLLAND, MICHIGAN

HOLLAND HATCHERY

NEW LOW PRICES

ON MICHIGAN ACCREDITED CHICKS

Write now for our latest price list giving our new low prices on this old reliable strain. This is your chance to save. Every chick hatched from selected rugged, free range breeders officially passed by inspectors supervised by Michigan State College.

PRICES EFFECTIVE MAY 15th

S. C. WHITE LEGHORNS	100	500	1000
ANCONAS	\$10.00	\$47.50	\$90.00
BARRED ROCKS	12.00	57.50	110.00

Last December one of our customers reported \$1037.70 worth of eggs from 935 hens in the last five weeks of 1926. This is \$28.05 income per day or a profit above feed of almost \$23.00 per day. This is just the chance you have been waiting for—strong, husky chicks, high egg parent stock, Michigan Accredited. 100% safe arrival guaranteed. Free catalog and price list.

VAN APPLEDOORN BROS. HOLLAND HATCHERY & POULTRY FARM, R7-B, HOLLAND, MICH.

MEADOW BROOK

CHICKS AT REDUCED PRICES

Try chicks this year from Silver Cup winner. The above winning made December 1926 in Production and Exhibition classes in strong competition. The males and their brothers are among those heading our matings this year. We are the oldest hatchery in Western Michigan. 25 years in business. Have made as many winnings in the last five years as any other hatchery in Western Michigan. Our free catalog and price list tells all. A trial will convince you.

MEADOW BROOK HATCHERY, H. DePree Sons, Proprietors, Box B, HOLLAND, MICHIGAN.

UNDERMAN CHICKS

Chicks that are hatched from free range breeders carefully selected. Our flocks and hatchery inspected and passed by representative of Michigan State College. Refer you to State Commercial Savings Bank. Order from this ad.

Our Chicks are Michigan Accredited.

Prices Effective May 8th.

S. C. White & Brown Leghorns	25	50	100	400	1000
Barred Rocks	\$3.00	\$5.25	\$10.00	\$38.00	\$90.00
S. C. Reds	4.25	6.75	13.00	50.00	120.00
	4.00	6.25	12.00	46.00	110.00

Heavy Mixed \$11.00 per 100—Light Mixed \$7.00 per 100.

10% down books your order. Free catalog. 100% Live delivery prepaid.

HUNDERMAN BROS., R. R. No. 3, Box M, ZEELAND, MICHIGAN.

DEAN EGG FARM CHICKS

Michigan Accredited Chicks—

White Leghorns a Specialty—also best strains of Barred and White Rocks, R. I. Reds, White and Silver Laced Wyandottes, Anconas. Expert selection of breeding stock, together with scientific incubation methods, assure husky, liveable chicks.

DEAN EGG FARM & HATCHERY
 Birmingham, Mich.
 Box C

Established 1911—Free Catalogue—

79% OF OUR CHICKS

are being sold to old customers this season. One of the reasons is this record. \$1497.96 was the amount received from eggs in December, 1926 for 1400 May 11 hatched pullets as reported by Mr. Glenn T. Ellis of Walled Lake, Michigan. This is probably the reason Mr. Ellis again ordered 3500 chicks for delivery on the same date this year.

DOWN'S POULTRY FARM, Route 1, Romeo, Mich.

UNUSUAL WHITE LEGHORNS

BUY ASELTINE'S BLOOD TESTED PEDIGREED

Trapnested Barred Rock and Hanson strain White Leghorns and join our family of happy prosperous poultry raisers.—Blood Will Tell.

ASELTINE POULTRY FARM, BURLINGAM, GRAND RAPIDS, MICHIGAN.



MARKET FLASHES



Choice Heavy Steers Are Scarce

Hogs Off—Lambs In Demand At Good Prices

By W. W. FOOTE, Market Editor.

THOUSANDS of farmers in the southern and southwestern states are suffering from the terrible floods that have devastated several states, and the situation is appalling, requiring quick assistance from more prosperous parts of the country. Farther north heavy rains have caused apprehension that planting would be delayed in corn districts, as well as in the wheat region. Otherwise, there was no material difference in the reports from most agricultural districts, and so far as grain was concerned there was a general feeling of dissatisfaction because of the abnormally low market prices, especially for wheat, corn and oats. Rye and barley were the exceptions, bringing good prices owing to last year's short crops. A normal acreage of several grains appears probable, with a moderate increase over last year probable unless cut down by unseasonable weather. Live stock prices this year have been much less satisfactory for hogs than for beef cattle, despite the country supply of the former, and profits have turned out much short of most expectations. Probably, the remarkable boom in prices for fat cattle in the markets of this country has been a great surprise to most stock feeders, but it was the natural outcome of marked reductions in the shipments of stockers and feeders to most feeding districts. A great deal of damaged corn has been fed to cattle and hogs, and in this way it returned good profits. Prices for sheep and lambs have ruled high most of the season, prime fed lambs selling at times up to \$17 per 100 pounds for flocks with the wool on their backs. The sheep industry is a very profitable one for experienced men, although low prices are still paid for wool. Of late the big Chicago packers have bought a large part of their lambs on the Denver and other distant western markets and shipped them through.

Light Trade in Grain

For many weeks speculative trading in the several grains on the Chicago Board of Trade and on other produce exchanges of the United States has been only moderate in volume, and cash transactions continue to comprise a large share of the daily business. Hostile legislation has lessened speculation, especially in wheat, and the aggregate weekly sales of wheat, corn, oats, rye and barley have run short of those reported a year ago. Rye and barley sell high, but this cannot be said of the other cereals, and wheat sold around \$1.37 for May delivery, while last year it sold as high as \$1.71 and two years ago at \$1.57. Scandalous commercial transactions on the Board of Trade have tended to lessen speculative sales of wheat, and the rather large world supplies made it no easy matter to put prices higher, traders being in a hurry to sell on little advances and pocket their profits. Corn and oats still sell not materially different from a year ago, but over two years ago May corn sold as high as \$1.10. Rye sold a short time since for \$1.08, which compared with 88 cents at the same time last year. Crop reports are closely watched and the government radio reports on the weather are highly regarded, many farmers staying away from their field work for the day if rains are promised. Oat seeding is late.

Prime Cattle Scarcer

For many weeks there has been a steadily growing scarcity of the choicer kinds of long fed heavy steers, and as is always the case when there is a lack of any particular kind of steers, the demand far exceeds the meager offerings shown in the Chicago stock yards from day to day. A year ago conditions were reversed, and heavy steers were largely marketed, the result being that these sold comparatively low and much below the best yearlings.

On a recent Monday about 17,000 cattle of all kinds arrived in Chicago, and the highest sale was that of 17 head of prime long-fed Hereford steers that averaged in weight 1619 pounds at \$14. They came from a Cherokee County, Iowa, feed lot, and graded extremely high, as well as unusually heavy. The next best sale on that day was that of 180 steers averaging 1390 pounds at \$13.25, and the best long yearlings brought \$12.50. The top cattle sale of that day stood the highest of this

prices, and a much smaller premium is now paid for the best light hogs. During the last week of April there was a general let-up in the movement of hogs to Chicago, and supplies were smaller than a week earlier or a year ago. At the close hogs sold at \$8.80 to \$11, comparing with \$9.30 to \$10.90 a week earlier. The demand from eastern packers has continued the principal supporting factor. Hogs weighing below 225 pounds were the highest sellers.

Lambs Scarce and Higher

Recent supplies of lambs offered on the Chicago market were nowhere near sufficient to meet the demand, and prices had a substantial advance, with the best woolled lambs selling up to \$17.25 per 100

but strength returned and the price is at the same level quoted in our last issue. Light red kidneys are quoted at \$6.85 and dark ones at \$5.10.

RYE

Exporters are the main customers in the rye market and their demands are sufficient to hold the price firm. A one cent gain is noted over two weeks ago.

POTATOES

Potatoes are plentiful with prices about one-half what they were a year ago. Old stock is holding well at the present level and is expected to clear up well. New potatoes continue to decline.

HAY

There has been little activity in the hay market this spring. In most sections prices are under a year ago.

DETROIT LIVE POULTRY

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

LIVE POULTRY—Broilers firm, all other lines easy; Hens: Good selling colored, 29c; leghorns, 25c. Cocks, 16c. Stags, 20c. Broilers, 2 lbs up, barre-1 rocks, 50c; other colored, 44@45c; under 2 lbs, 2@4c cheaper; leghorns, 38c. Ducks: White, 4½ lbs up, 38c; smaller or dark, 35c. Geese, 32c.

DETROIT BUTTER AND EGGS

Butter is easy with best creamery in tubs quoted at 41@42c per lb. Creams are 22½@23c per dozen for fresh firsts.

BOSTON WOOL MARKET

April closed in the wool market with everything quiet and price changes few. Ohio fleece wool, fine delaine in grease was quoted at 44@45c, and quarter-blood at 42@43c.

SEED MARKET

DETROIT.—Clover, cash, domestic, \$26.50; imported, \$16.85. Alsike, cash, \$24. Timothy, cash, old, \$2.60; new, \$2.70.

CHICAGO.—Clover, \$29@35.70. Tim-Timothy, \$4.50@5.25.

LIVESTOCK MARKETS

CHICAGO.—HOGS—Slow with 5 to 10c losses on weight, averages 200 pounds up compared with high time early; top, \$11; bulk desirable, 150 to 200 pound averages, \$10.65@11; 210 to 240 pounds, \$10.35@10.85; 260 to 300 pounds, \$10@10.40; most packing sows, \$8.90@9.25; pigs upward to \$10.90; better grades, \$10.25@10.75.

CATTLE—Steady to strong, market on all classes except bulls, the latter weak to 25c lower; light vealers up to \$10.85; medium strong weight sausage bulls, \$6.25@6.50; light heifers, \$9@10; shippers and small killers \$11.50@12.50.

SHEEP—Fat lambs 15 to mostly 25c higher than Thursday, medium to good 80 pounds, \$16.25; desirable 75 to 90 pounds, clipped lambs, \$11.50@16.00; choice 87 pound lambs, \$16.25; sheep steady; choice clipped ewes up to \$8; packing medium woolled ewes, \$7.50.

EAST BUFFALO, N. Y.—HOGS—Active, mostly 25c@35c higher; spots 50c up; pigs slow around 12; 150 to 160 lbs. \$11.75; few 210 to 230 lbs. \$11.40@11.50; 240 to 260 lbs. \$11@11.10; packing sows, \$9@9.25.

CATTLE—Cows steady, others slow. CALVES—Active, strong to 50c higher; good and choice vealers, \$12.50@13. Cull and common grades, \$8@9.

SHEEP—Market strong; good and choice clipped lambs, \$16.25; good woolled lambs \$16.50@16.75; few cull and common clipped \$12@13.

MISCELLANEOUS DETROIT MARKET QUOTATIONS

May 2.—DRESSER CALVES—Steady; best grades, 17@18c; medium grades, 14@15c; poor grades, 11@12c. (Best city dressed calves are selling in Detroit for 20@21c lb.)

LIVE RABBITS—Steady, 4½ lbs up, 25c.

WHOLESALE FRUITS

(Wholesalers' prices to retail merchants.) APPLES—Delicious, boxes, \$3.50@4; Stagmen Winesap, 162-count boxes, \$2.75; 125-count boxes, \$3; Arkansas Black, boxes, \$3; Northern Spy, bu. \$3; other varieties, bu. \$1.50@2.

JOBBER LINES

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No. 2 Mixed	1.33		1.30	1.75
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No. 2 Yellow	.77		.76	.75
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RYE—				
Cash No. 2	1.07		1.06	.91
BEANS—				
C. H. P. Cwt.	4.65		4.70	4.05 @ 4.15
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Per Cwt.	3.50	2.55 @ 2.85	2.50	4.73 @ 4.77
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Salt pork in barrels, family, \$34@38; clear back pork, \$23@28. Smoked meats: Hams, 28@31c per lb; shoulders, 20c; picnic hams, 18@19½c; bacon, 28@32c. Dry salt briskets, 18@20c. Lard: Pure, 13½@15c; compound, 11½. Tallow: No. 1 edible, 11c; inedible, 8c. Fresh pork loins: Lights, 25c; medium, 24c; heavies, 21c.

GRAND RAPIDS MARKETS

May 2, 1927

Butter fat, 47c lb. Eggs by jobbers, first 21@22c doz; by retailers, 23@24c doz. Poultry—Live weight, heavy fowls, 24@26c lb; Leghorn fowls, 20@22c lb; stags, 14@16c lb; old roosters, 12@16c lb; Leghorn broilers, 30@35c lb; Rocks and Reds, 35@40c. Pork—Dressed hogs, heavy, 12@12½c lb; light, 13@13½c lb.



You Owe it to Them—

WHAT will become of those who depend upon you when your usefulness, your ability to earn a regular income comes to an end? Have you provided for their future and your own as well?

How much of your present earnings are you putting aside to *guarantee* you freedom from worry when age creeps along? You owe it to those dependent upon you to give a thought to your future and to theirs.

Thrift is the basic habit to freedom and sound investing is the road to financial independence. You must pay for that freedom out of your present earnings—you must begin now—The coupon will bring you the details.

THE MILTON STRAUSS CORPORATION

First Mortgage Real Estate Bonds
Penobscot Building, Detroit, Mich.

COUPON
Please send me your booklet "Before You Invest"

Name _____
Address _____
City _____

MBF-5-7

Beef—Dressed steers and heifers, 10@16c lb; beef cows, 6@8c lb; bulls, 8@10c lb.

Veal—Dressed No. 1, 15@16c lb; No. 2, 11½@14c lb.

Lambs—Spring, No. 1, 35c lb; No. 2, 30c.

Apples—Northern Spy, fancy, \$2.75 bu; A grade, \$2@2.50; B grade, \$1.75; Baldwins, fancy, \$1@1.10 bu; A grade, 85@90c bu; B grade, 75c bu; Ben Davis, 50c bu; Gano, 50@75c bu.

Wheat—No. 1 red, \$1.14 bu; rye, 80c bu; corn, 85c bu; oats, 48c bu; barley, 90c bu; buckwheat, \$1.50 cwt; beans, white, \$4.15 cwt.

CROP REPORTS

Allegan—Wheat looks good. Alfalfa started out fine but looks sick since heavy freeze. Oats about all sown; some rotting on poorly drained ground. Pasture coming along slow; some have stock out. Quite a number of early potato patches. Large acreage of alfalfa will be sown this year.—L. G. E., April 28.

Huron—Dry spell followed by heat culminated in wind storm evening of April 19th. Many barns levelled, some livestock killed. Rain and snow since has made fields unfit but wheat and clover benefitted. Plenty of hay. Labor scarce.—E. R., April 28.

(Editor's Note: Other crop reports will be found on pages 10 and 19.)

WATCH LIVESTOCK SHIPMENTS IN WARM WEATHER

"WITH the coming of hot weather, it is imperative that shipments of livestock be watched closely," is the warning sent out by the Michigan Livestock Loss Prevention Association, an organization made up of representatives from all industries interested in the livestock business from producer to packer.

Mr. J. H. O'Malley, President of the Association, says further, "The first hot spells come suddenly and usually cause our most severe losses. One day in May of 1926 over 1100 animals arrived dead or crippled in one terminal market on account of an unexpected rise in temperature. Common sense, supplemented with good sound judgment, is sufficient to avoid these losses."

A poster has just been issued by this Association and is being placed on display at shipping points and other points where the shippers can note the important points to consider in hot weather. Among them enumerated on this poster are: (1) Handle animals patiently to avoid excitement; (2) bed cars with sand instead of straw; (3) spray water on feet of hogs, but not on their backs; (4) do not feed just before loading.



Week of May 8

LOCAL storms of rain and wind that will do damage in many parts of the state will be in action as this week begins. Not later than Monday the temperature will take a sudden drop to much cooler readings.

This condition will be modified about middle of week as a result of the threatening to rainy weather expected at that time. From this time on through the rest of the week rainy weather will be more or less prominent in the state.

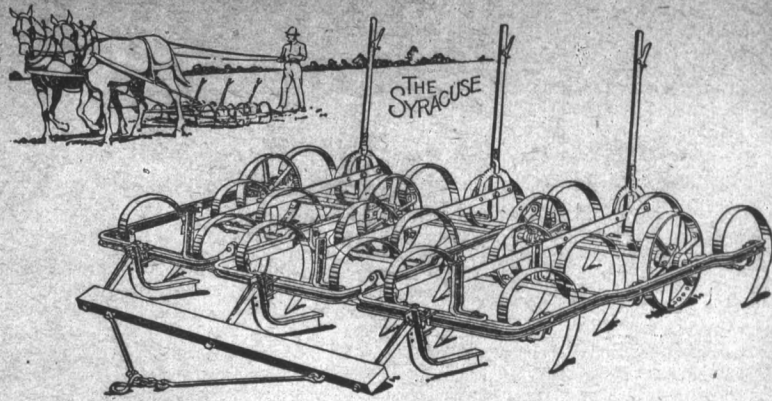
The latter part of the week will turn cooler; so much so, in fact, that there is grave danger of frosts even to those counties in the southern part of Michigan.

Week of May 15

Many counties of the state will be visited with general showers and some high winds during the early part of the week of May 15th. As a result of this storm area temperatures will have returned to more normal readings than of previous week. However, before the middle of the week has passed middle to northern counties of the lower peninsula of Michigan will be visited with light to killing frosts.

In keeping with the radical changes we expect will take place this week in the state, temperatures will be higher about the middle of the week with some thunder storms, wind and perhaps hail locally along with some general rains.

The balance of the week will harbor storm areas similar to the above description and they may even run over into next week.



The Greatest Foe of All Weed Pests

Killing weeds, cultivating alfalfa and making seed beds are three important jobs you can do better with the

John Deere-Syracuse Quack-Grass Destroyer

The high carbon steel teeth have the correct shape and are always in position to dig in and clean out the underground stems and roots of quack grass, thistle and other weeds that rob the soil of fertility.

cutting stimulates growth and increases yield. An inspection of your field a week after cultivation will convince you of the merits of this cultivator. Endorsed by leading alfalfa experts.

Alfalfa fields are greatly benefited by cultivations with this machine. Using it after each

Use it before planting corn; in hard gumbo; in stubble; for fall seed beds.

Write today for literature describing this labor-saving machine. Address John Deere, Moline, Ill., and ask for Folder SK-7 33.

JOHN DEERE
THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS

ROYAL EGG BRED CHICKS
75% OF OUR SALES EACH YEAR ARE TO OLD CUSTOMERS

Hanson -- Tancred -- English

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

SPECIAL LOW PRICES FOR JUNE

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

BROILER CHICKS \$6.50 PER 100.

Order direct from this ad at the above prices. We guarantee 100% live delivery and we know you will be pleased. Circular fully describing sent free. Reference—Zoeland State Commercial & Savings Bank.

ROYAL HATCHERY & FARMS, S. P. WIERSMA Prop. R. 2, Box B, ZEELAND, MICH.

Michigan Accredited Chicks

Blood Tested for the Past Three Years. Krueper Holterman Barred Rocks, \$15.00. Selected Barred Rocks \$13.00. R. L. Beds \$15.00. White Leghorns \$10.00. Mixed Chicks \$9.00.

KRUEPER POULTRY FARM & HATCHERY, R. No. 3, MILAN, MICHIGAN.

Demand for Veal is Good

SHIP YOUR
DRESSED CALVES and LIVE POULTRY to
Detroit Beef Co.
1903 Adelaide St., Detroit, Mich.

Oldest and most reliable commission house in Detroit

Tags and quotations and new shippers guide, free on application.

BABY CHICKS

that you can depend on. Our twenty-third year, 96,000 capacity. Over half our chicks already sold for the season, showing we have satisfied our customers.

S. C. W. Leghorn	100	500	1000
S. C. M. Ancona	\$13.00	\$60.00	\$115.00
S. C. Bt. Minorca	13.00	60.00	115.00
Left over odds and ends	15.00	95.00	125.00

After May 15th 2c per chick less on all varieties. PINE BAY FARM, R4, Holland, Michigan.

TOO LATE TO CLASSIFY

WANTED 25 TO 100 ACRES OF CAT-TAIL, marsh lands which does not overflow in high water. State price and location. Paul Newell, 6085 Cadillac Ave., Detroit, Mich.

Only \$5 Down buys a **WITTE Engine**
One Year to Pay—No Interest
Lifetime Guarantee

50 New Features

Write today—for NEW Witte Engine Book telling how you can now buy a WITTE Engine for ONLY \$5.00 down, balance small EASY Payments. No interest. Absolutely the greatest engine ever made. Used all over the world. Guaranteed for a lifetime. Runs on All fuels. Will increase your farm profits \$500.00 to \$1000.00 a year. Sizes from 1-2 to 50 h. p. Also 2-in-1 Saw, Rips and Pump Outfits. Write me Today FREE for Free Book and EASY Terms Offer. Witte Engine Works, Dept. 27-55 Witte Bldg., Kansas City, Mo. Empire Bldg., Pittsburg, Pa.

Shop Through M. B. F.

Leading manufacturers of various products that farmers are interested in use the columns of THE BUSINESS FARMER to tell the farmers about their products. We believe these manufacturers are reliable and suggest that you patronize them. When writing to them please mention that you saw their advertisement in THE BUSINESS FARMER.



MARKET FLASHES



Choice Heavy Steers Are Scarce

Hogs Off—Lambs In Demand At Good Prices

By W. W. FOOTE, Market Editor.

THOUSANDS of farmers in the southern and southwestern states are suffering from the terrible floods that have devastated several states, and the situation is appalling, requiring quick assistance from more prosperous parts of the country. Farther north heavy rains have caused apprehension that planting would be delayed in corn districts, as well as in the wheat region. Otherwise, there was no material difference in the reports from most agricultural districts, and so far as grain was concerned there was a general feeling of dissatisfaction because of the abnormally low market prices, especially for wheat, corn and oats. Rye and barley were the exceptions, bringing good prices owing to last year's short crops. A normal acreage of several grains appears probable, with a moderate increase over last year probable unless cut down by unseasonable weather. Live stock prices this year have been much less satisfactory for hogs than for beef cattle, despite the country supply of the former, and profits have turned out much short of most expectations. Probably, the remarkable boom in prices for fat cattle in the markets of this country has been a great surprise to most stock feeders, but it was the natural outcome of marked reductions in the shipments of stockers and feeders to most feeding districts. A great deal of damaged corn has been fed to cattle and hogs, and in this way it returned good profits. Prices for sheep and lambs have ruled high most of the season, prime fed lambs selling at times up to \$17 per 100 pounds for flocks with the wool on their backs. The sheep industry is a very profitable one for experienced men, although low prices are still paid for wool. Of late the big Chicago packers have bought a large part of their lambs on the Denver and other distant western markets and shipped them through.

Light Trade in Grain

For many weeks speculative trading in the several grains on the Chicago Board of Trade and on other produce exchanges of the United States has been only moderate in volume, and cash transactions continue to comprise a large share of the daily business. Hostile legislation has lessened speculation, especially in wheat, and the aggregate weekly sales of wheat, corn, oats, rye and barley have run short of those reported a year ago. Rye and barley sell high, but this cannot be said of the other cereals, and wheat sold around \$1.37 for May delivery, while last year it sold as high as \$1.71 and two years ago at \$1.57. Scandalous commercial transactions on the Board of Trade have tended to lessen speculative sales of wheat, and the rather large world supplies made it no easy matter to put prices higher, traders being in a hurry to sell on little advances and pocket their profits. Corn and oats still sell not materially different from a year ago, but over two years ago May corn sold as high as \$1.10. Rye sold a short time since for \$1.08, which compared with 88 cents at the same time last year. Crop reports are closely watched and the government radio reports on the weather are highly regarded, many farmers staying away from their field work for the day if rains are promised. Oat seeding is late.

Prime Cattle Scarcer

For many weeks there has been a steadily growing scarcity of the choicer kinds of long fed heavy steers, and as is always the case when there is a lack of any particular kind of steers, the demand far exceeds the meager offerings shown in the Chicago stock yards from day to day. A year ago conditions were reversed, and heavy steers were largely marketed, the result being that these sold comparatively low and much below the best yearlings.

On a recent Monday about 17,000 cattle of all kinds arrived in Chicago, and the highest sale was that of 17 head of prime long-fed Hereford steers that averaged in weight 1619 pounds at \$14. They came from a Cherokee County, Iowa, feed lot, and graded extremely high, as well as unusually heavy. The next best sale on that day was that of 180 steers averaging 1390 pounds at \$13.25, and the best long yearlings brought \$12.50. The top cattle sale of that day stood the highest of this

prices, and a much smaller premium is now paid for the best light hogs. During the last week of April there was a general let-up in the movement of hogs to Chicago, and supplies were smaller than a week earlier or a year ago. At the close hogs sold at \$8.80 to \$11, comparing with \$9.30 to \$10.90 a week earlier. The demand from eastern packers has continued the principal supporting factor. Hogs weighing below 225 pounds were the highest sellers.

Lambs Scarce and Higher

Recent supplies of lambs offered on the Chicago market were nowhere near sufficient to meet the demand, and prices had a substantial advance, with the best woolled lambs selling up to \$17.25 per 100

but strength returned and the price is at the same level quoted in our last issue. Light red kidneys are quoted at \$6.85 and dark ones at \$5.10.

RYE

Exporters are the main customers in the rye market and their demands are sufficient to hold the price firm. A one cent gain is noted over two weeks ago.

POTATOES

Potatoes are plentiful with prices about one-half what they were a year ago. Old stock is holding well at the present level and is expected to clear up well. New potatoes continue to decline.

HAY

There has been little activity in the hay market this spring. In most sections prices are under a year ago.

DETROIT LIVE POULTRY

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

LIVE POULTRY—Broilers firm, all other lines easy: Hens: Good selling colored, 29c; leghorns, 25c. Cocks, 16c. Stags, 20c. Broilers, 2 lbs up, barred rocks, 50c; other colored, 44@45c; under 2 lbs, 2@4c cheaper; leghorns, 33c. Ducks: White, 4 1/2 lbs up, 38c; smaller or dark, 35c. Geese, 32c.

DETROIT BUTTER AND EGGS

Butter is easy with best creamery in tubs quoted at 41@42c per lb. Eggs are 22 1/2 @ 23c per dozen for fresh firsts.

BOSTON WOOL MARKET

April closed in the wool market with everything quiet and price changes few. Ohio fleece wool, fine delaine in grease was quoted at 44@45c, and quarter-blood at 42@43c.

SEED MARKET

DETROIT.—Clover, cash, domestic, \$26.50; imported, \$16.85. Alsike, cash, \$24. Timothy, cash, old, \$2.60; new, \$2.70.

CHICAGO.—Clover, \$29@35.70. Timothy, \$4.50@5.25.

LIVESTOCK MARKETS

CHICAGO.—HOGS—Slow with 5 to 10c losses on weight, averages 200 pounds up compared with high time early; top, \$11; bulk desirable, 150 to 200 pound averages, \$10.65@11; 210 to 240 pounds, \$10.35@10.85; 260 to 300 pounds, \$10@10.40; most packing sows, \$8.90@9.25; pigs upward to \$10.90; better grades, \$10.25@10.75.

CATTLE—Steady to strong, market on all classes except bulls, the latter weak to 25c lower; light vealers up to \$10.85; medium strong weight sausage bulls, \$6.25@6.50; light heifers, \$9@10; shippers and small killers \$11.50@12.50.

SHEEP—Fat lambs 15 to mostly 25c higher than Thursday, medium to good 80 pounds, \$16.25; desirable 75 to 90 pounds, clipped lambs, \$11.50@16.00; choice 87 pound lambs, \$16.25; sheep steady; choice clipped ewes up to \$8; packing medium woolled ewes, \$7.50.

EAST BUFFALO, N. Y.—HOGS—Active, mostly 25c@35c higher; spots 50c up; pigs slow around 12; 150 to 160 lbs. \$11.75; few 210 to 230 lbs. \$11.40@11.50; 240 to 260 lbs. \$11@11.10; packing sows, \$9@9.25.

CATTLE—Cows steady, others slow. CALVES—Active, strong to 50c higher; good and choice vealers, \$12.50@13. Cull and common grades, \$8@9.

SHEEP—Market strong; good and choice clipped lambs, \$16.25; good woolled lambs \$16.50@16.75; few cull and common clipped \$12@13.

MISCELLANEOUS DETROIT MARKET QUOTATIONS

May 2.—DRESSER CALVES—Steady; best grades, 17@18c; medium grades, 14@15c; poor grades, 11@12c. (Best city dressed calves are selling in Detroit for 20@21c lb.)

LIVE RABBITS—Steady, 4 1/2 lbs up, 25c.

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GRAND RAPIDS MARKETS

May 2, 1927

Butter fat, 47c lb. Eggs by jobbers, first 21@22c doz; by retailers, 23@24c doz. Poultry—Live weight, heavy fowls, 24@26c lb; Leghorn fowls, 20@22c lb; stags, 14@16c lb; old roosters, 12@16c lb; Leghorn broilers, 30@35c lb; Rocks and Reds, 35@40c. Pork—Dressed hogs, heavy, 12@12½c lb; light, 13@13½c lb.



You Owe it to Them—

WHAT will become of those who depend upon you when your usefulness, your ability to earn a regular income comes to an end? Have you provided for their future and your own as well?

How much of your present earnings are you putting aside to *guarantee* you freedom from worry when age creeps along? You owe it to those dependent upon you to give a thought to *your* future and to theirs.

Thrift is the basic habit to freedom and sound investing is the road to financial independence. You must pay for that freedom out of your present earnings—you must begin now—The coupon will bring you the details.

THE MILTON STRAUSS CORPORATION

First Mortgage Real Estate Bonds
Penobscot Building Detroit, Mich.

COUPON

Please send me your booklet "Before You Invest"

Name _____
Address _____
City _____

MBF-5-7

Beef—Dressed steers and heifers, 10@16c lb; beef cows, 6@8c lb; bulls, 8@10c lb.

Veal—Dressed No. 1, 15@16c lb; No. 2, 11½@14c lb.

Lamb—Spring, No. 1, 35c lb; No. 2, 30c.

Apples—Northern Spy, fancy, \$2.75 bu; A grade, \$2@2.50; B grade, \$1.75; Baldwins, fancy, \$1@1.10 bu; A grade, 85@90c bu; B, grade, 75c bu; Ben Davis, 50c bu; Gano, 50@75c bu.

Wheat—No. 1 red, \$1.14 bu; rye, 80c bu; corn, 85c bu; oats, 48c bu; barley, 90c bu; buckwheat, \$1.50 cwt; beans, white, \$4.15 cwt.

CROP REPORTS

Allegan—Wheat looks good. Alfalfa started out fine but looks sick since heavy freeze. Oats about all sown; some rotting on poorly drained ground. Pasture coming along slow; some have stock out. Quite a number of early potato patches. Large acreage of alfalfa will be sown this year.—L. G. E., April 28.

Huron—Dry spell followed by heat culminated in wind storm evening of April 19th. Many barns levelled, some livestock killed. Rain and snow since has made fields unfit but wheat and clover benefited. Plenty of hay. Labor scarce.—E. R., April 28.

(Editor's Note: Other crop reports will be found on pages 10 and 19.)

WATCH LIVESTOCK SHIPMENTS IN WARM WEATHER

"WITH the coming of hot weather, it is imperative that shipments of livestock be watched closely," is the warning sent out by the Michigan Livestock Loss Prevention Association, an organization made up of representatives from all industries interested in the livestock business from producer to packer.

Mr. J. H. O'Malley, President of the Association, says further, "The first hot spells come suddenly and usually cause our most severe losses. One day in May of 1926 over 1100 animals arrived dead or crippled in one terminal market on account of an unexpected rise in temperature. Common sense, supplemented with good sound judgment, is sufficient to avoid these losses."

A poster has just been issued by this Association and is being placed on display at shipping points and other points where the shippers can note the important points to consider in hot weather. Among them enumerated on this poster are: (1) Handle animals patiently to avoid excitement; (2) bed cars with sand instead of straw; (3) spray water on feet of hogs, but not on their backs; (4) do not feed just before loading.



Week of May 8

LOCAL storms of rain and wind that will do damage in many parts of the state will be in action as this week begins. Not later than Monday the temperature will take a sudden drop to much cooler readings.

This condition will be modified about middle of week as a result of the threatening to rainy weather expected at that time. From this time on through the rest of the week rainy weather will be more or less prominent in the state.

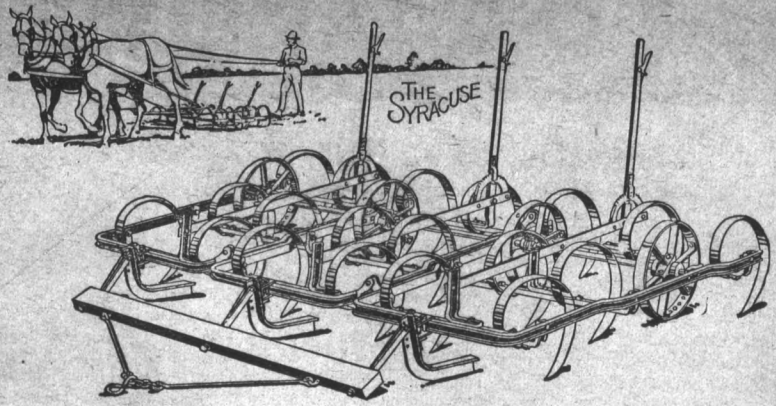
The latter part of the week will turn cooler; so much so, in fact, that there is grave danger of frosts even to those counties in the southern part of Michigan.

Week of May 15

Many counties of the state will be visited with general showers and some high winds during the early part of the week of May 15th. As a result of this storm area temperatures will have returned to more normal readings than of previous week. However, before the middle of the week has passed middle to northern counties of the lower peninsula of Michigan will be visited with light to killing frosts.

In keeping with the radical changes we expect will take place this week in the state, temperatures will be higher about the middle of the week with some thunder storms, wind and perhaps hail locally along with some general rains.

The balance of the week will harbor storm areas similar to the above description and they may even run over into next week.



The Greatest Foe of All Weed Pests

Killing weeds, cultivating alfalfa and making seed beds are three important jobs you can do better with the

John Deere-Syracuse Quack-Grass Destroyer

The high carbon steel teeth always in position to dig in and clean out the underground stems and roots of quack grass, thistle and other weeds that rob the soil of fertility.

cutting stimulates growth and increases yield. An inspection of your field a week after cultivation will convince you of the merits of this cultivator. Endorsed by leading alfalfa experts.

Alfalfa fields are greatly benefited by cultivations with this machine. Using it after each

Use it before planting corn; in hard gumbo; in stubble; for fall seed beds.

Write today for literature describing this labor-saving machine. Address John Deere, Moline, Ill., and ask for Folder SK-7 33.

JOHN DEERE
THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS

ROYAL EGG BRED CHICKS
75% OF OUR SALES EACH YEAR ARE TO OLD CUSTOMERS

Hanson -- Tancred -- English

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

SPECIAL LOW PRICES FOR JUNE

B MATING	50	100	500	1000
	\$5.50	\$11.00	\$55.00	\$105.00
BROILER CHICKS \$8.50 PER 100	4.50	9.00	45.00	85.00

Order direct from this ad at the above prices. We guarantee 100% live delivery and we know you will be pleased. Circular fully describing sent free. Reference—Zeeland State Commercial & Savings Bank.

ROYAL HATCHERY & FARMS, S. P. WIERSMA Prop. R. 2, Box B, ZEELAND, MICH.

Michigan Accredited Chicks

Blood Tested for the Past Three Years. Krueper Holterman Barred Rocks, \$15.00. Selected Barred Rocks \$13.00. R. I. Reds \$15.00. White Leghorns \$10.00. Mixed Chicks \$9.00. KRUEPER POULTRY FARM & HATCHERY, R. No. 3, MILAN, MICHIGAN.

Demand for Veal is Good

SHIP YOUR

DRESSED CALVES and LIVE POULTRY to

Detroit Beef Co.

1903 Adelaide St., Detroit, Mich.

Oldest and most reliable commission house in Detroit

Tags and quotations and new shippers guide, free on application.

BABY CHICKS

that you can depend on. Our twenty-third year, 96,000 capacity. Over half our chicks already sold for the season, showing we have satisfied our customers.

S. C. W. Leghorn	100	500	1000
	\$13.00	\$60.00	\$115.00
S. C. M. Ancona	13.00	60.00	115.00
S. C. B. Minorca	15.00	65.00	125.00

Left over odds and ends 8.00 40.00

After May 15th 2c per chick less on all varieties. PINE BAY FARM, R4, Holland, Michigan.

TOO LATE TO CLASSIFY

WANTED 25 TO 100 ACRES OF CAT-TAIL marsh lands which does not overflow in high water. State price and location. Paul Newell, 5085 Cadillac Ave., Detroit, Mich.

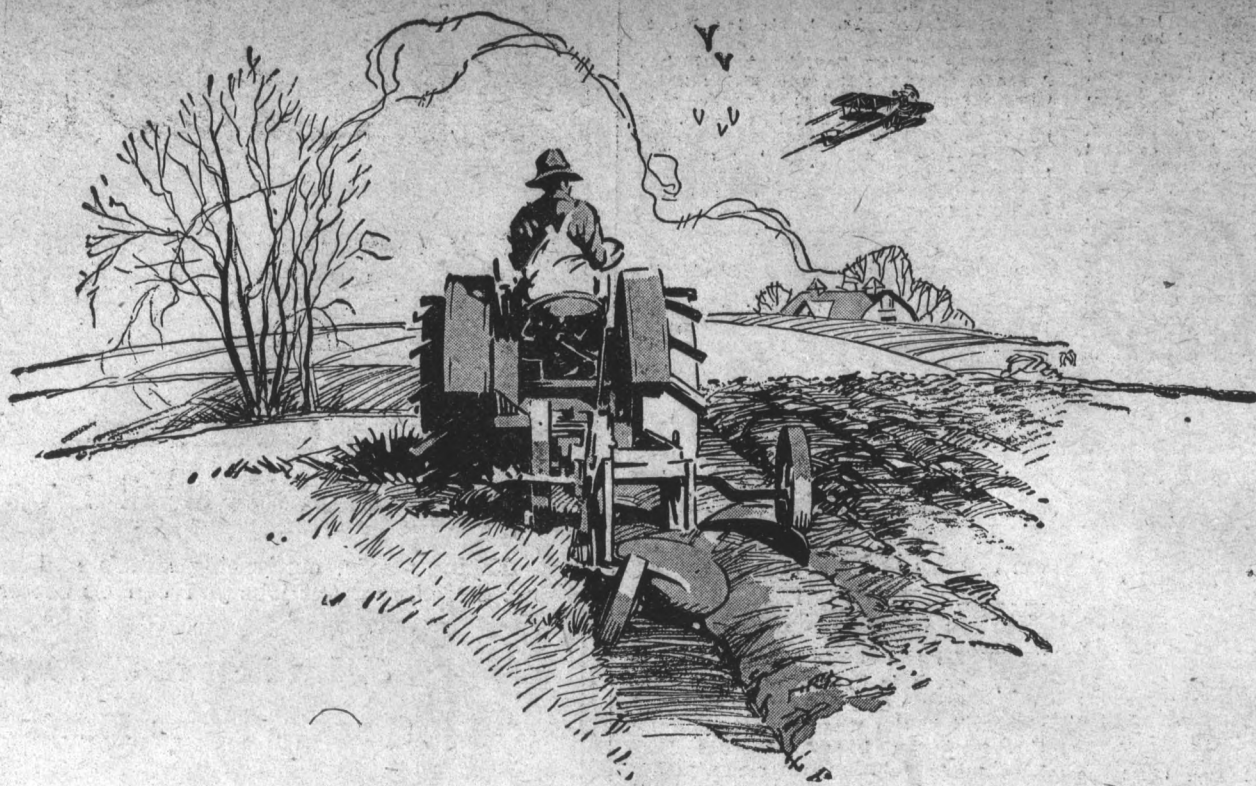
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Shop Through M. B. F.

Leading manufacturers of various products that farmers are interested in use the columns of THE BUSINESS FARMER to tell the farmers about their products. We believe these manufacturers are reliable and suggest that you patronize them. When writing to them please mention that you saw their advertisement in THE BUSINESS FARMER.



Polarine THE PERFECT MOTOR OIL **Costs Little—** **Saves Much!**

There is sound sense in the old saying about an ounce of prevention. It holds true for tractors. Keeping your tractor perfectly lubricated with Polarine is an ounce of prevention that costs little—and saves much.

Polarine is an economical motor oil. The enormous demand for Polarine has necessitated production on a vast scale, making possible the low price of this premium product.

Polarine *prevents* the trouble that makes repairs necessary. This ounce of prevention costs a lot less than a pound of cure! Repairs are an expensive cure!

Polarine is the good old stand-by on the farm—always the same—always dependable—always economical. Polarine lubricates every surface of the engine with a film of oil that protects it from friction and makes it run smoothly. Polarine takes good care of the expensive engine

in your tractor—keeps it in good health—running steadily, powerfully—at a minimum of cost.

Use Polarine regularly to lubricate your tractor and you'll lengthen the life of your expensive machine—save money by preventing the troubles that cause repair bills—and enjoy the satisfaction, besides, of seeing your work done *when* you want it done—*as* you want it done.

Polarine is one of the major products of the Standard Oil Company (Indiana), scientifically perfected after long years of work to meet *farm needs*. Different grades have been developed for different makes of tractors and the chart will tell you what grade your tractor requires.

To get Best Results—change your motor oil at frequent intervals.
For correct grade consult chart at Any Standard Oil Service Station.

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[Indiana]