

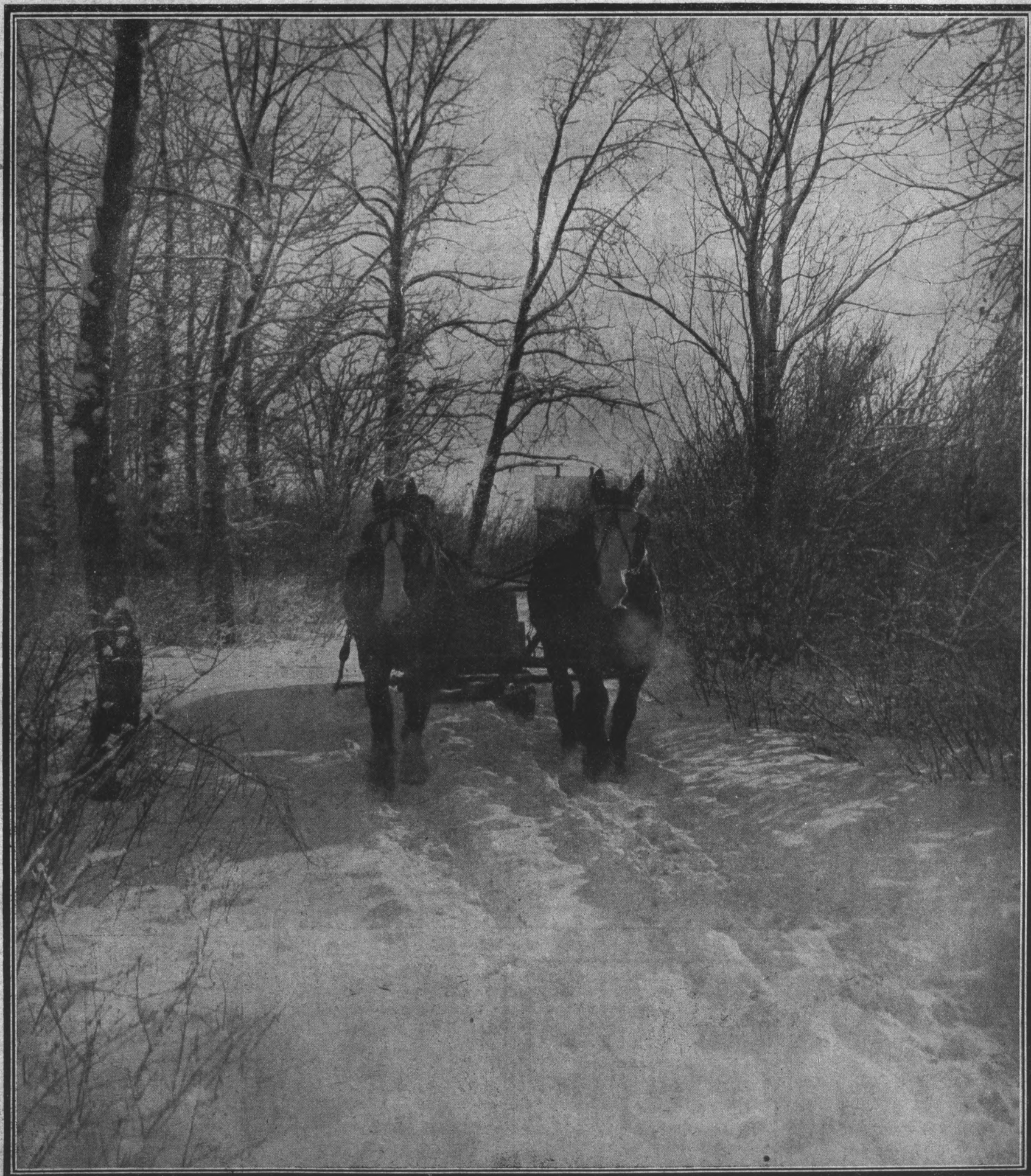
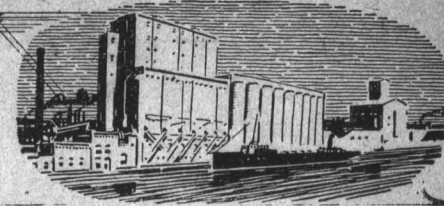
VOL. XIII, No. 10

JANUARY 16, 1926

The Michigan BUSINESS FARMER



*An Independent
Farm Magazine Owned and
Edited in Michigan*



PLENTY OF SNOW FORETELLS A GOOD SUMMER

In this issue:—M. S. C. Making Big Plans for 1926 Farmers' Week—How Canadian Government Helped Ontario Apple Growers Market Crop

Startling New Prices!

Vital Improvements ~ Attractive New Colors

Absolute smoothness and quietness of engine operation characterize the improved Dodge Brothers Motor Car.

Decreased weight gives it a surprising new snap and elasticity.

The lower and more graceful closed bodies are finished in rich and attractive colors.

Vision from within is increased to an almost incredible degree.

Reduction of bulk was accomplished by further notable advances in all-steel body construction, in which Dodge Brothers have led the world from the very beginning. Naturally there is a proportionate gain in operating economy — with *increased safety and durability.*

Any member of the great Dodge Brothers Dealer organization — the finest and most aggressive in the world — will gladly give you all the interesting details.

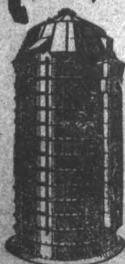
New prices now available from any Dodge Brothers Dealer

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DODGE BROTHERS (CANADA) LIMITED
TORONTO, ONTARIO

DODGE BROTHERS MOTOR CARS

SPECIAL LOW PRICES FOR ORDERS *Now* BIG MONEY SAVING PLAN

WRITE US REGARDING THIS BIG
REDUCTION FOR
EARLY ORDERS
•BUY NOW-
PAY LATER



Following products made of
rust resisting ROSSMETAL
copper content: Silos, Ensilage
Cutters, Crib, Bins, Feed
Grinders, Garages, Brooder
Houses, and all Purpose
Buildings.

Check items you are inter-
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E. W. Ross Ensilage Cutter & Silo Co.
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Silo—Cutter—Brooder H.—Crib—Garage

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\$100 Balance
Down Easy Payment

The first time the famous Renfrew scales have been
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A portable weighing machine as easily handled as a
wheelbarrow, weighs with absolute accuracy any-
thing from one pound to 2000 pounds. Guaranteed
to be the equal in capacity and accuracy of any
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and we will send you big new catalog.

Write Do this today — NOW!

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Soldering
Booklet
"It's a
Clutch to
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STOP waste—not only of
the actual metal neces-
sities on the farm, but also
of their contents. A touch
of heat and a touch of Kes-
ter does both.

Often on one job a touch
of this genuine solder will
save more than the price of
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ply you.



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ROAD PROGRAM BIGGEST EVER

MICHIGAN completed its biggest state highway program in 1925, and today is one of the leading states of the union in good roads. There is no more interesting detail of state government than a summary of that department for the past year. The following is a brief outline of the state highway activities, as prepared by the department officials:

From Jan. 10 to Nov. 1 last year the expenditure for trunk line, federal aid road and bridge and reward bridge construction amounted to \$14,792,645. Of this amount \$5,000,000 was spent on federal aid roads, \$1,400,000 on trunk line and federal aid bridges, \$5,000,000 on reward bridges and \$7,900,000 on trunk line roads. The mileage and types of roads built through this expenditure was 248 miles of concrete, 11 miles of macadam, 186 miles of gravel or a total of 445 miles for the season. During this period \$2,139,163.15 was received as aid money from the federal government.

Construction has been retarded to some extent this year and will be held in check during the year 1926 unless by legislative action more money is made available for this purpose—it is true that during the calendar year 1925 approximately \$21,000,000 were collected by means of the weight and gas tax measures but it is interesting to know how little of that money collected is made available for the construction of state trunk line roads.

Specific appropriations made by the legislature for purposes other than for the use of the state in trunk line road construction and to be paid from the revenue received through the weight and tax measures totals \$15,629,000 leaving for highway construction by the state the comparatively small sum of \$3,871,000 and for bridge maintenance, grade separation and trunk line and non-trunk line bridge construction the sum of \$1,500,000. Those appropriations in part include \$6,000,000 to counties as their share of the weight tax revenue. \$1,500,000 reward payments to counties, \$3,000,000 for payment of interest and principal on highway bonds, and \$2,829,000 for payment of interest and to create a sinking fund for state highway bonds. Two million was also appropriated for trunk line maintenance while it will require \$3,000,000 as a minimum in view of the fact that beginning Jan. 1, 1926 the state takes over the handling and payment of all trunk line construction and maintenance, thereby relieving the counties of any cost, which has heretofore been partially borne by them.

Another important activity of the department at this time is the securing of additional right-of-way. The rapid traffic increase in the past few years and anticipated future increase has made it essential that the plans for the future development of our highways not only incorporate designs and details of construction, but also widths of right of way.

With this in mind, the department has in the past year acquired by donation and purchase over 700 miles of wider right of way, and has designed various widths for all of the trunk line and federal aided highways in the state, varying from 100 feet, which is the usual width to 204 feet in the vicinity of large cities.

CHERRY PRODUCTION COSTS

THE controversy over cherry production costs may be settled in special studies instituted by the horticulture department of Michigan State college.

The state board of agriculture has employed A. J. Rogers of Beulah, owner of Thrushwood orchards and former president of the Michigan State Horticultural Society, to make a special investigation of this production problem. How much it costs to produce cherries is a question that comes up every spring and the figures given by some are questioned by others.

Mr. Rogers is one of the leading cherry growers in the state and is considered thoroughly familiar with every operation and item entering into the cost of a cherry orchard from the nursery stock to full production.

The investigation will be directed by Professor V. R. Gardener, chief pomologist at the college.

The Michigan BUSINESS FARMER

The Only Farm Magazine Owned and Edited in Michigan

Published Bi-Weekly at
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M. S. C. Making Big Plans for Farmers' Week

Cooperative School and Dedication of New Horticultural Building Are Features

By FRANK S. PRITCHARD

MORE than 5,000 are expected to attend the annual Farmers' Week program at Michigan State College from Feb. 1-5. This figure has been reached in the past few years, and it is predicted that this year will see a larger number of Michigan farmers present.

Features of this year's program will include the dedication of the new \$400,000 horticultural building at the college, and a school of co-operation, given under the direction of Prof. J. T. Horner, in charge of the department of agricultural economics at the college and the author of a book, "Agricultural Marketing", used as a text by the college. This course was prepared following a request by members of the board of directors of the Potato Growers Exchange, and was first put into effect at the Oklahoma Agricultural college. The course will extend over a period of four days, and will take up problems of vital interest to farmers of the state.

While all the speakers have not been secured for the co-operative school, it is known that among them will be Chris L. Christensen, agricultural economist, bureau of agricultural economics, Washington, D. C., and Walton Peteet, secretary of the National Council of Farmer's Cooperative Marketing Associations, Washington, D. C. Both of these men are authorities on co-operative marketing lines. These men will lecture on Monday, the first day of the course. On the second day membership problems in cooperative associations will be discussed by men familiar with such work, from the standpoint of the central organization, of the local, and from the standpoint of the member.

The program Wednesday will include a discussion of local problems, including member and manager relationships, office management and accounting, organization and financing, and several methods of handling members produce, including buying outright and pooling. Sales methods will come in for discussion Thursday. Fundamentals of selling will be the subject of one lecture, with the others taking up sales by locals and sales by through a central.

The general evening and afternoon program for Farmers' Week will include addresses by several other authorities on agricultural problems. Among these speakers will be Dr.

Liberty Hyde Bailey, formerly dean of agriculture at Cornell university, and a graduate of Michigan State college, and J. T. Willard, director of extension work at the Massachusetts Agricultural college.

Tuesday has been designated as live-stock day at the college. College livestock will be shown, and the general program will lean toward educational work of interest to the livestock breeder. In addition to these meetings more than 30 agricultural associations will meet on this date. These associations include the Michigan State Farm Bureau, the Michigan Crop Improvement Association, and the Michigan Press Association, an organization whose members represent more than half of the weekly newspapers of the state.

State and county fairs will be discussed Wednesday, designated as "farm crops fair" day. Officials of state and county fairs from outside the state will talk on this subject, and Governor Alex J. Groesbeck and A. W. Watkins have been invited to deliver addresses pertaining to fairs and fair management.

Dedication of the new horticultural building will be the leading event

Thursday. National authorities on horticulture will speak on fruit culture in the state. A colorful floral exhibit will be part of the horticultural show.

A parade of college animals, farm machinery, and the college military department, with moving pictures and musical entertainments in the gymnasium, will also serve to entertain the visitors, and give them an idea of the operations carried on by this institution.

Exhibits and shows at the college will include a state potato show, with entries from all over the state, and the Crop Improvement Association competitive show. There will be an exhibit on the European corn borer, prepared by the department of entomology, and a poultry and egg show, sponsored by the Michigan Poultry Breeders Association. It is expected that more than 1000 fowls will be shown.

With the exhibits and lectures on farm problems by men of national reputation, it is hoped by college officials to make this farmers' week program at least one of the best in this country.

The tentative program of speeches and other entertainment for the gen-

eral sessions as announced last week by Mr. Tenny is as follows:

Monday, February 1, evening session—"Home Management," by Grace Frysinger, of the home economics extension division of the United States department of agriculture; "Engineering in Agriculture", G. W. Bissell, dean of engineering at M. S. C.; and an outside speaker to be announced later, music and entertainment features to be included.

Tuesday, Feb. 2, afternoon session—"The Future Horse," by R. S. Hudson, superintendent of farm and horse department, M. S. C.; "The Agricultural Outlook", R. S. Shaw, dean of agriculture, M. S. C.; a livestock talk, by W. C. Coffey, dean and director of agriculture at the University of Minnesota; evening session—an athletic program, with a basketball game, boxing and wrestling exhibitions, and the Swartz Creek band furnishing musical numbers.

Wednesday, Feb. 3, afternoon session—an agricultural fair program, with speakers listed as Governor Groesbeck, L. Whitney Watkins, President Butterfield, Dean Shaw and an outside speaker to be announced later; evening session—"European Corn Borer Control", L. H. Worthely, bureau of entomology, United States Department of Agriculture; "Continuing Education," J. D. Willard, director of extension service, Massachusetts Agricultural college, Amherst.

Thursday, Feb. 4, afternoon session—"A Retrospect," Dr. L. H. Bailey, Cornell university, Ithaca, New York; "A Prospect", Dr. Butterfield; evening session—"The Mobile Front in Horticulture" Prof. V. R. Gardner, head of M. S. C. horticultural department; "The Importance of a National Policy for Agriculture" Dean F. B. Mumford, University of Missouri, Columbus, Mo.; "A Better Place to Live," F. A. Waugh, professor of horticulture, Massachusetts agricultural college, Amherst.

According to present plans of officials of WKAR, the college radio station, practically all evening programs will be broadcast, and it is possible that the Wednesday afternoon session, during which the state fair discussion is scheduled to take place, may also be placed on the air.

TO EXTEND MICHIGAN FORESTS

ANNOUNCEMENT of the establishment of a 616,960-acre reforestation project on the Au Sable river is the first attempt of the federal government to acquire cutover lands west of the Appalachian mountains.

If sustained by the courts it will lead immediately to extension of the Michigan reserves to more than a million acres and establishment of a 500,000-acre reserve in Minnesota.

The Towas and Mio divisions of the Michigan national forest, situated in Iosco, Oscoda, Alcona, Ogemaw, Roscommon and Crawford counties, are to be acquired at once. These consist of 84,860 acres of public land and 49,749 acres of private land already acquired and an additional area of 482,351 acres of private and state land adjacent. These lands lie in the watershed of the Au Sable river, over which has been transported 4,250,000,000 feet of timber since 1867.

The second tract of land to be acquired if the courts approve is between Manistique and Munising in the upper Peninsula. It comprises 641,000 acres in the watersheds of the Sturgeon, Whitefish, Rapid and Escanaba rivers and the west fork of the Manistique. This tract especially needs reforestation for power development and flood control. Both tracts formerly were covered with pine timber and the government hopes to replace this.

How Canadian Government Helped Ontario Apple Growers Market Crop

By WILLIAM BANKS

APPLÉ growers of the province of Ontario, Canada, have experienced the most practical example of government cooperation in the disposal of their crop that they have known.

An initial move was an intense campaign for spraying and greater care of orchards generally, undertaken by the fruit branch of the government's department of agriculture.

Aided by an excellent early season and this campaign, the crop promised to be so big that apple growers feared they would not be able to market a large portion of it. The fact that in quality also it surpassed those of many former years, was but little consolation.

While the prospects were under discussion the government made a proposition for cooperation which was promptly accepted, and which will be carried out for at least one more season, if not indefinitely. This involved a comprehensive advertising campaign in Ontario itself, as well as in one or two of the prairie

provinces, extolling the excellence of the Ontario apple and urging the people to buy it in preference to imported fruit, and a plan to guarantee a minimum price per barrel on certain classes of apples shipped to the British market.

Advertising in the home market was chiefly confined to daily newspapers and to the agricultural weeklies, but effective posters, with apples in colors, and carrying very little reading matter were also used. A favorite phrase for these as for the newspaper displays was "Eat Ontario Apples." The posters were distributed to the trade, to hotels, restaurants and to any one who would display them in store or office. It is not possible to say in actual figures what the financial returns to the growers have been. But they report that the home demand has been very steady and the prices reasonably firm.

For the British market six varieties of apples were selected as most

suitable. These and the guaranteed minimum prices per barrel were Northern Spy and McIntosh, \$5.00 for firsts, \$4.00 for seconds; Baldwin and Greening \$4 and \$3 for firsts and seconds respectively; King and Russet \$4.50 for firsts and \$3.75 for seconds.

The government, working in conjunction with the large growers and the cooperative associations, undertook that its experts should supervise the grading and the packing of the apples. Boxes and barrels of apples thus supervised bore the stamp of government approval.

All shipments were made by the growers individually or the cooperative associations to their agents in Britain, and all the business arrangements connected with the shipments and sales were carried out through the regular channels. Apple Ontario Northern Spy crop by early proximately 100 carloads of apples were shipped. Almost as many more would have been forwarded but for

the almost utter annihilation of the and severe frost.

When all returns are complete it is believed that the prices obtained in Britain will be found to have covered all the expenses of transportation and handling, and to have returned a profit to the growers, thus obviating payment of any part of the government's guarantee. The losses in the overseas shipments were confined to one or two cars, and were comparatively light. They were more than covered by the fine condition in which the major portions of the shipments reached the British markets and the prices they brought.

Government officials estimate that the cost to the public treasury for the advertising campaign and the work of their experts in connection with grading, packing and advising, and all incidentals, will be under \$20,000. This is considered a very small sum compared with the results obtained, and the prospective increased demands for Ontario apples from Great Britain and the home market in future years.

Men Who Know Fertilize Every Crop

THE FERTILIZER LEADERS OF AMERICA
FURNISH THE RIGHT FERTILIZER

Listen to the man who grows a big crop. As he tells you how he did it you are sure to hear the value of **HIGH GRADE FERTILIZER**. Read the stories of successful farmers as told in the farm papers; you will find good fertilizer helping to make their success. They use fertilizer year after year and they use it on every crop.

The Experiment Station officials will tell you that good fertilizer insures a good crop. Fertilizer makes better corn, better small grain, better potatoes and market crops, better hay and pasture. Use fertilizer on all crops—it pays. They agree you must have good fertilizer for best results. Get it from "THE FERTILIZER LEADERS OF AMERICA" whose fertilizer contains:

Readily Available Phosphorus—

To make big yields

Graduated Nitrogen (or Ammonia)

For early start and vigorous growth

Soluble Organic Potash—

To plump the grain, improve the quality and increase the yield

Take a forward step this year. Order one of the brands shown below and get fertilizer especially prepared for the crop and soil conditions you must face. Their fertilizer will start your crop off early and provide the plant food necessary for quick, even growth. Order their fertilizer from your dealer or write direct for information.

THE FERTILIZER LEADERS OF AMERICA



Federal Chemical Co., Inc.
LOUISVILLE KY. NASHVILLE TENN. COLUMBUS O.

It takes only 8 weeks to get a big job

In the Auto, Tractor and Electrical Business

Read what these men are doing—here is your big chance to get "on easy street." Come to these great shops on the biggest **SPECIAL** offer ever made.

Big Firms Need Trained Men

The Auto and Tractor Business is on the boom. Thousands of trained men will be needed during the next few months. I get calls every day from Garages, Battery Stations, Auto Repair, and other successful concerns for McSweeney men. When the big fellows need high grade men they know where to come for them. They want McSweeney trained men.

My Training Unusual

Scientific tool training—that's the secret. You do things here according to the latest engineering standards. Thousands of dollars have been spent in modern tools and equipment. You'll know a motor like a brother. That's why my men are at home with the biggest shops in the country. If you want to succeed the way Smith, Collins and the rest have—qualify by the same method.

I'll Pay Your Railroad Fare and Board You!

In order to fill the openings that now exist, I am making an offer no one has ever made before—**FREE RAILROAD FARE, FREE BOARD**. But even that is not all. I'll tell you about the rest in my letter.

Send for FREE BOOK

My big illustrated training book tells how others are succeeding. It tells many things you ought to know about Autos and Tractors. Write for it and my short time offer NOW. It soon expires.

McSweeney Auto, Tractor and Electrical Shops, Dept. 248
9th and Walnut CINCINNATI, O. 517 S. Laflin CHICAGO, ILL. 1815 E. 24th St. CLEVELAND, O.

McSweeney Auto, Tractor and Electrical Training Shops, Dept. 248 (Address shops nearest you.) Cincinnati, O., or Chicago, Ill., or Cleveland, O.

Without any obligation send me your big free book on Autos. Also information regarding special temporary offer.

Name _____
Street _____
City _____ State _____

C. B. Gillispie has charge of a fleet of trucks and tractors with the State Highway Commission, due to McSweeney training.



D. M. Collins, Williamsville, West Virginia, writes, "After finishing McSweeney training, I started in as manager of a garage at \$300 per month."

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.)

MORTGAGE

When past due, how long does a real estate mortgage hold good against the land? Is it the same interest paid or unpaid? Interest is paid on personal note by one person, does it make a renewal? When more than one party is on note should it be rewritten, and resigned to hold against all signers?—E. W., Cadillac, Mich.

THE mortgage would be good for 15 years from the date of the last payment on either the principal or interest. The payment of interest on one of the notes secured by the mortgage would renew it as to the maker of the note only. In order to hold all signers on the note when it is renewed all should sign the new note.—Legal Editor.

BIBLE IN PUBLIC SCHOOL

I would like to know if it is lawful to read a chapter of the Bible in the public school, or if it can be stopped?—J. O. D., Dorr, Mich.

THERE have been so many questions asked recently relative to the use of the Bible in the schools that I wish to call attention to the following facts:

First, I sent out a letter some time ago calling for the placing of the Bible, preferably the King James Version, in every public school in the state. This is to be for reference and library purposes.

Second, the use of the Bible in addition to this is optional with the local board of education. The board may direct its reading if it so desires. Anyone objecting to it may be excused during the reading upon an excuse from the parent or legal guardian. No comment of a doctrinal nature should be permitted and selections about which there is doctrinal difference should be avoided.

Third, the State Teachers' Association has prepared one bulletin and is preparing two others on Bible study. They are suggesting that the work be done outside the school by an approved teacher and that after satisfactory examination credit be given as is often done now for work outside the building as for example, in music. These bulletins may be obtained through this office.—T. E. Johnson, Superintendent of Public Instruction.

WHO OWNS STOCK?

I mortgaged my farm for \$5,000 then I bought stock with the \$5,000. I would like to know if the stock belongs to me.—Reader, Cooks, Mich.

THE stock would belong to you even though purchased with borrowed money. The mortgage of the farm would have no lien on the stock. His lien is on the farm, only.—Legal Editor.

KEEP DOG CONFINED AT NIGHT

I am trying to raise sheep among a lot of dog lovers. Isn't there a law in this state to compel them to keep their dogs securely fastened up nights?—H. H., Allegan, Michigan.

THE question of licensing and registering dogs is regulated entirely by Act 339 of the Public Acts of 1919, as amended. Section 3 provides:

"Every dog shall at all times between sunset of each day and sun-

rise of the following day be confined upon the premises of its owner or custodian, except when said dog is otherwise under the reasonable control of some person."—Clare Retan, Deputy Attorney General.

ENTITLED TO SHARE OF PROPERTY

If a mother dies and leaves a family of children and the youngest, 4 months old is legally adopted by an elderly couple, and drops her name (by birth) and takes that of her foster parents, then 15 years later, the mother's father (child's grandfather) dies and leaves an estate which is to be equally divided among his children, can this child legally hold her share of this estate? If so will you please explain same?—Mrs. H., Harvard, Mich.

An adopted child would inherit from both its adoptive parents and natural parents, and consequently would be entitled to its share in the estate of its grandfather, through its natural mother.—Legal Editor.

CAN GET KENNEL LICENSE

I am interested in raising registered hounds for sale. By doing this I will have to keep two or more females. Will you please tell me whether I can secure a kennel tax for the group or will I have to pay each tax separate? I intend to keep these brood matrons either chained or in a yard. Or can I secure a state permit?—G. T., Cass City, Mich.

—You may secure a kennel license by applying to the county treasurer.—Clare Retan, Deputy Attorney General.

OWNERSHIP OF LAKE

Who owns the bottom of a lake, that is a lake called a government lake? In the event that the lake dries up, would the land belong to the government? And if the land is public property where is the dividing line between a person's land, and the government land?

These are some questions that have been hotly disputed recently by a number of sportsmen and landowners.—H. S., Fenton, Mich.

If the lake belongs to the government, the government would own the land where it was situated in the event of its drying up. The adjoining owners would own the property to what was the meander line at the time the first private grant was made, of their particular piece of property.—Legal Editor.

MISREPRESENTED

If A rents a farm of B, cash rent for a period of two years, can B hold A to the contract? If so, can A sue B for misrepresentation? B told A it was a good farm and could raise good crops if any farm could, and nothing put back on it for a but the farm had been worked out number of years.—Reader, Reading, Mich.

B COULD hold A to the terms of the lease, unless the misrepresentations were of such a nature as to justify A in rescinding the contract. As to whether this is justifiable would depend on the actual condition of the farm, and what opportunity A had to see for himself whether the farm was good or not.—Legal Editor.



Having the honor of representing ten thousand club girls in the United States is no small one; however, that is the distinction that has come to each of the 32 girls shown in the above picture. They are state champions in the home economics projects and carry on the work as administered by the agricultural colleges, the U. S. Department of Agriculture cooperating. The group came together at the Fourth National Boys' and Girls' Club Congress held at Chicago during International week, having been awarded educational trips to this event by Montgomery Ward and Co.

THRU OUR HOME FOLKS' KODAKS



MILKING TIME ON GRANDPA'S FARM.—From Leland J. Rock, of Millington.



"HERE'S YOUR BUSINESS FARMER."—This picture is from George W. Allen, of Kalkaska, and he says it is the mailman on his route delivering The Business Farmer.



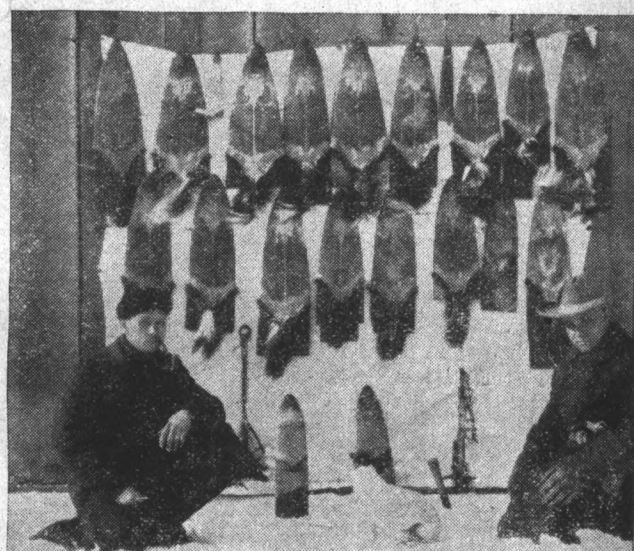
CHARLES AND HIS FRIEND BUSTER.—Charles Burget, of Maybee, with his dog.



IS THERE GOING TO BE A RACE?—This looks like the young ladies were getting their horses lined up for a race and the young man was assisting them. Mrs. Thomas Gallagher, of West Branch, writes it is three of her children with the farm team.



"SHALL I THROW IT?"—Kenneth McConnohie, of Mt. Vernon, Ohio, is getting ready to hit somebody with a snowball. His sister, Gladys, sent the picture to us.



HOW IS THIS FOR A WEEK'S WORK?—Last winter Herman C. Ernest Kuba, of Auburn, and his brother did considerable trapping. This picture shows the results of one week's work. Apparently skunk was the leading fur bearing animal in their territory.



GOING AFTER THE COWS.—Burrell Heckman, of Middleton, and his dog, Rex, going after the cows. Mrs. Roy Heckman sent this picture.



ALL READY, SHOOT!—"Dandy, the Shetland pony, and his playmates at Water Edge Farm, having their picture taken," writes H. W. Garman and Sons, of Mendon. The dog acts as though he had not been invited to have his picture taken.



GOOD FRIENDS.—This is Ella Golder, of Alpena, sitting on a stump with her little dog, Spitz. Hermine Golder sent the picture.



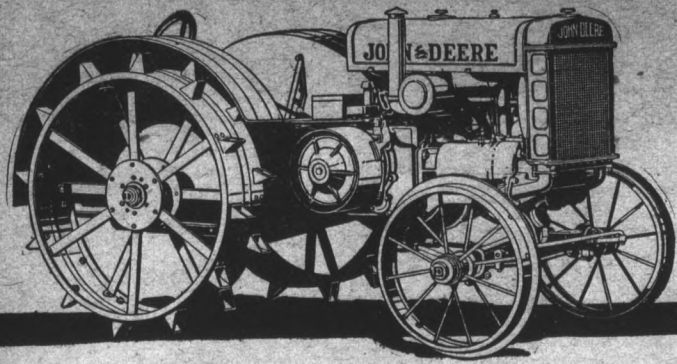
"WHAT DO YOU THINK OF THIS ONE?"—He's rather proud of his catch, and you cannot blame him. It's John Groulx, of Bay City, showing one he caught through the ice.



"COME ON AN' PLAY!"—Picture of Bobbie Hunt, sent in by E. E. Hunt, Bad Axe.



UNLOADING POTATOES.—Elmer Bell, of Evart, sent this picture to us stating "This is Grandpa Bell, my brother Edwin and myself unloading potatoes."



You Want this Concentrated Power

You have seen tractors with the same power rating as the John Deere but never have you seen so much power concentrated in such a small unit.

Think of a tractor guaranteed to develop 15 H. P. at the draw-bar and 27 H. P. at the belt, that weighs only 4,000 lbs.

—a tractor that gets over plowed lands and soft fields without miring down or packing the soil.

—a tractor in which hundreds of friction making parts have been eliminated and in which every working part is fully en-

closed and automatically oiled.

That's what you get in the John Deere—the tractor that has created a sensation everywhere because of its remarkable performance and its low cost of operation and maintenance.

See the John Deere before you buy. Ask your dealer to demonstrate it. Drive it yourself and know first hand how it performs.

BE SURE TO WRITE FOR THESE FREE BOOKLETS

One booklet is made up of experience letters from 66 users of John Deere tractors—users who have put it to every test—users who are operating their John Deere in conditions similar to your own. The other booklet tells all about the light weight, powerful John Deere Tractor. Write today to John Deere, Moline, Ill., and ask for booklets OW-533.

JOHN DEERE
THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS

WHEN WRITING TO ADVERTISERS, PLEASE MENTION THE BUSINESS FARMER

Plant Early--Harvest Often

Plant your dollars as you would your wheat --- for profit --- by investing in

CONSUMERS POWER PREFERRED SHARES

Tax Free in Michigan

Your dollars grow soundly and profitably every day in the year.

With no work on your part you receive a regular harvest every month. It's in cash and it's tax free.

Write to Our Jackson Office About It

Consumers Power Company



Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

A FEW days ago I had the privilege of taking a motor ride through a vicinity I seldom invade. It does one all sorts of good to drive through strange communi-



L. W. MEEKS

ties and observe what is being done, or in some instances what is not being done. This drive probably revealed nothing very unusual, and a drive through the country anywhere would, no doubt, show about the same conditions. However, it does encourage most any farmer to pass distant farms and note that the farm work is no further advanced than his own, and in many ways not as far.

Imported Clover Seed

It surely is very disconcerting to find so many fields of clover seed all lying in the swath or bunches, entirely spoiled. I doubt if there ever was a time when this clover seed was needed more, than it is now, or will be in the spring. There is not only the usual seeding to be done, but practically all of last year's seeding must be seeded over. This will mean about twice the demand for clover seed over normal years, and practically no seed with which to supply the demand. There will no doubt, be a vast amount of imported seed put on our markets. Much of this seed will not produce a crop in this country. It would be a great boon to farmers if all this imported seed was marked "Imported" and I believe the sale of it would be so small it would nearly discourage importation.

It would be far better not to seed any clover at all than to sow seed which would not produce a crop. In this case a farmer would plant something which would, in a measure, take the place of clover; but when clover is seeded and no crop results, then it is often too late to sow anything else.

On top of all this clover seed shortage and minus clover meadows for next year is the sad fact there is no doubt less hay in the country today than there has been in many years. It means there will be very little, if any, hay carried over next summer.

I was talking recently with a thresherman who generally hulls more clover seed than any other thresher in this section. He said he only hulled seventy five bushels altogether this past season. This included the June and Mammoth varieties and one lone bushel of alsike! Imagine I hear some one say, "Don't sow clover, sow alfalfa!" Quite so, alfalfa and sweet clover are "Gold Dust Twins" and no mistake—but for some reason I am just old fashioned enough to feel dismayed at the thought of entirely giving up common clovers, yet I believe this is what we are coming to. We shall have to gradually fit alfalfa and sweet clover into our rotation where we have used common clovers and I believe the sooner we do this the better off we will be. The prejudices against sweet clover will change to admiration when we are ready to fully appreciate it.

But sweet clover (where did it get its name?) will never be a great success on many farms until lime is applied. I sometimes think sweet clover is more particular about the lime content of its feeding ground than alfalfa is. One of the oldest alfalfa growers in southern Michigan used lime thirty years ago to get alfalfa started on his farm. He has his soils fully inoculated with alfalfa bacteria, and alfalfa will make a stand on any of his fields but he sows lime just the same. He has just contracted for one hundred truck loads of marl. He not only uses great quantities of stable and

yard manure, but buys heavily of commercial fertilizer also. He has the name of producing the best crops found in his section, and I am willing to admit he does. Just recently I was talking with a man who has always known this farmer and his farm, as well as all the other farms and farmers in that neighborhood. I asked him if the reason for this farmer's better crops as due to a naturally better soil than the neighboring farms, and he replied, "No! His farm is not one bit better naturally than any other farm, but he is a better farmer." This I knew before I asked the question, but I wanted his opinion.

I have never known this farmer to sell hay or grain off his farm. I have seen him pasture down wonderful crops of corn, etc. His barn yard will hardly hold his straw stacks, and I have known him to be compelled to set stakes and make his barn yard fence higher to keep the stock in, because he had thrown so much straw from the stacks for the stock to wallow down into yard manure, that the yard was full half the height of the fence. This system of farming can not long be followed without the results showing in every crop and the knowledge traveling far and wide.

I might add that in the beginning I think it was quite easy for him to start such a system of farming. While such a system would have been an impossibility with many of us when we began, can't we grow into it? It's a pleasing anticipation at least, and one not altogether impossible.

But in the beginning it was LIME and with the most of us it will be LIME too, if we ever get the results he does.

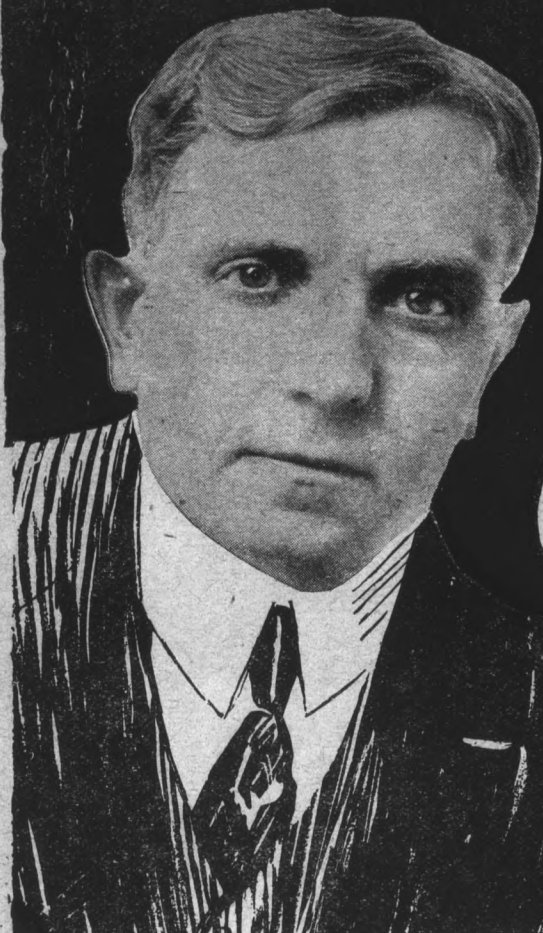
While talking with an Englishman the subject of lime was brought up. He had been in America only four or five years and marvelled that the American farmers did not use more lime. He told of the crops he had helped produce in England, and said he could not see that the soil was, by nature, much different than most of our soils here, only there was lots of limestone there, limestone rocks of great size being often just below the surface, the plow striking them frequently. "Of course then you don't have to sow lime," I said; he replied, "You bet we do. Just because there is limestone in the soil is no proof but what the soil needs ground lime, and we sow it regularly, as a matter of course, because it pays."

The Pasture Field

One of the perplexing problems for next summer is to find a solution for the pasture question. The clover meadow shortage is no worse a prospect than the minus clover pastures. We have watched other farmers in years gone by try different kinds of crops for pasture when their clover was short, and have come to the conclusion oats are as satisfactory as any.

On a neighboring farm, where we work the fields, there was a shortage of pasture two years ago, and a corn stubble was disked quite thoroughly real early in the spring. We sowed three bushels of oats per acre, and a liberal quantity of June and Mammoth clover. When the oats were five or six inches high the stock were pastured on it and it was surprising how the oats continued to grow and furnish feed. The clover grew fine, and the next year a very good clover pasture resulted. We expect to try this out this spring on our home farm. I also want to try some Sudan grass. A small amount was grown in the garden this year and the dry weather of early summer did not seem to stop its growth as it did other plants. It is possible Sudan will be a very valuable plant when we come to know it. At least I think we should give it a trial.

It is quite possible some of THE BUSINESS FARMER readers have had experience with Sudan, and if so we should be glad to have them write us about it.



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FRUIT AND ORCHARD

Edited by HERBERT NAFZIGER, Berrien County

GRAPE PRUNING HINTS

I HAVE often heard it said that the way to trim grapes is by "the four arm Kniffen system." Yes, yes, but that ain't half of it, neighbor. The four-arm Kniffen system is the basic scheme 'tis true but there's many a slip for the careless pruner.



Herbert Nafziger

In the first place there is no blanket rule for universal application. The unit to be considered is the individual vine and each vine should be trimmed according to its condition. If you trim a vine too much you are reducing your crop accordingly and losing money. If you do not trim enough the vine is going to overbear, which will weaken the vine so that it will fail to grow enough wood for the following year. This will force the vine to bear a light crop to recuperate, which is also hard on the grower's pocket-book.

The grape pruner's first rule is "leave new wood."

Select four strong shoots of the previous year's growth to be left on the vines for the next year's crop. These shoots should originate as near the main trunk as possible. The experiments of Partridge of M. S. C. have shown that the most productive type of wood to leave is that which has made a strong growth and is about 1/4 of an inch in thickness. Thin spindly shoots are as a rule very unproductive and should not be left on the wires.

Great, overgrown shoots are also unprofitable. Some growers call these "bull vines". They grow to

great length, are thick and coarse in appearance and have buds very far apart. The buds on such a shoot are quite apt to be unproductive, in fact some of the buds may remain dormant and produce nothing at all. Because of their extreme vigor these overgrown shoots will often produce branches. These branches are fairly productive and can be utilized when a better shoot is not available.

Cut off and remove all wood except the four shoots, or "arms", which are to be left on the wires to produce next year's crop, and then cut the arms off to the right length.

The length of the arms should be governed by the condition of the vine. A weak vine should have short arms while a strong fast growing one should have longer ones. A total of 40 buds is about the right number to leave on a vine in medium, condition. This number can be more on a strong vine and should be less on a weak one.

Of course no practical grape pruner has the time or the patience to count the number of buds he is leaving on a vine, but with a little practice one can easily estimate this and cut the arms to their proper length. The chief hitch in making this estimate is the danger of leaving too many buds on an arm on which the buds are close together.

ED MCINTOSH SAYS:

"Speakin' of trimmin' grapes there ain't nothin' in this world will make an average good-natured feller so rip-snortin' mad all of a sudden as to have a grape-vine whip around on a cold day and ketch him in the face. Gettin' an eye-ful of lime-sulphur spray makes a man cry but I've seen clear, crisp Michigan air get blue and murky in just about two seconds after a grape vine swished around and landed with a swat."

The Church School



A NON-SECTARIAN SERMON BY

Rev. David T. Warner

TEXT: "Go ye therefore and teach all nations." Matt. 28:20.

At a recent religious convention, my eyes fell upon the following motto:

Dividing the Dollar

Living costs	24 1/2c
Luxuries cost	22c
Waste costs	14c
Crime costs	8c
Religious Education	3/200 of 1c

But then, we had already known that the church is not taking seriously our text. Here is emphasis upon religious education. And the end to be reached is the training of the disciple for service and the Christianization of the community life. The motive power back of a successful church school is a profound belief that the teaching function of the church is the greatest accomplishing field in existence today for the propagating and nurturing of Christianity, and the transmitting of Christian doctrines and church ideals to the rising generation. Home has ceased to function in giving religious instruction, and the preaching service of the church in the average American community, is not well attended by children and young folks; (and anyway, the chief purpose of the pulpit is to inspire rather than to instruct) therefore, it remains for the church school to impart first and continuing lessons in Christian belief and organized Christian activities. But so long as the pulpit is the preacher's throne and so long as the church exists mainly to get grown-ups ready for heaven, that long will the church school be run as chiefly a social pastime and to gratify a few personal ambitions. But, if we believe that religious education is the church's best and most economical means to perpetuate all that is good in Christianity, we then have the motive power to put on an effective educational program.

But we don't believe it. Why don't we believe it? What will it take to

make us believe? Don't we know that the children and youth of this country that are receiving no religious nurture, outnumber those that are? Isn't youthful crime alarming you? Well, we have known that the traditional attitude of the church is none too favorable to the nurture of child life. Too many folks yet believe that boys and girls must have their swing at sowing "wild oats" before they will amount to anything in after life. Naturally, these folks will have no reaction to the ideals and processes of religious education.

But, again, there is a lingering feeling that the building up of the church, as an institution, is the sole end toward which all Christians should strive. But the church, as a corporate institution, is but incidental. Jesus placed emphasis upon human life, upon redeemed personalities. Some of us will just tolerate the Sunday school because we believe it feeds the church institution. But we need more than tolerance; more than pulpits, pews, and services for adults. The teaching function of the church must not be handicapped. The old-time religion that stressed the evangelization of the adult, and that shouted over the reformation of an old and wasted life, must give way to a truer evaluation of the teachings and methods of the Christ, who placed a child in the midst. To have a vital church school, we must believe that childhood is the hope of the future thru teaching it morals and religion.

But that is not all. We have handicaps in our organization plans and programs. One evening this summer, the writer's services were solicited in behalf of the Boy Scout movement. The interviewer called while we were on the church playground with a large group of young people. Presently, he said, "Well, this is fine. Maybe you do not need the help of the Scouts." And really do we need more organizations in

this strenuous day for youth? Perhaps we have too many now. Isn't it possible to have so many duplicating and overlapping societies as to hurt the effectiveness of the educational program? It is not at all unusual to find in a Sunday evening young people's meeting but some tidy maids and a few well-groomed bachelors. Have you not observed that though the youth will attend the church school, he is not interested in the evening meeting? Is it not time, therefore, to play upon the single and undivided loyalty of the young disciple? He does not understand the mandate coming from so many general boards, each pleading for loyalty to a different society or organization. It seems this is confusing and disheartening to the young Christian. And here we may have a large contributing cause for the present-day youth movement which is here and there at work formulating new and distinctive plans for the Christian weal of the world. So, we are led into a sympathetic attitude to the belief of religious educators, that for efficiency in religious education we should bring together into one all the essentials of all the organizations in the church that have to do with the training of the young. This one organization is to be the church school. This school reaches every age group and unifies and centralizes the loyalty of the youth, and simplifies the service program. This plan would organize the church school, not only for class instruction, but for group expression, devotionally and socially.

Verily, this calls for a new type of leadership. A few months ago I heard a prominent preacher say to a large audience that the great business of the church was to preach the Gospel rather than establish schools and colleges for religious education. This man is an inspiring preacher and has rendered great service to the church, but his belief in the primacy of the pulpit is out of proportion to the urgent needs of our youth. Pulpit messages cannot help absent youths. Of course, these church leaders believe in the church school in a way, but they do not give it a place of emphasis. They say prayers for it but do not give it a whole heart. They are hesitating and reserved and thus neutralize an apparent support. The church school must fall into the hands of those who have educational ideals and believe that our Lord's great commission can best be carried out through the special agency of teaching.

Moreover, a peculiar famine of religion in the home emphasizes the importance of the church school. We are told that in the early New England days, every home was required to teach the beginnings of the "three R's" before the child could enter school. Now, all is turned over to the public school. Similarly, the home then taught morals and religion. But the years have brought changes, and the modern home has vacated the child's heart of religious things and surrendered all rights and responsibility to the church school. This is unfortunate, and there must be recreated in the home a religious atmosphere around impressionable youth. The church has a heavy task to inspire parents to cooperate in teaching the children the materials and spirit of religion.

Finally, the church school is not a "lean-to" or mere appendage of the church. We must wake up to the fact that the welfare of our boys and girls demands putting them first. There is yet hope of a regenerated earth, but it lies in the religious nurture of the boys and girls of all nations.

On Her Hands

Gladys: May's fiancé is supposed to be a dreadfully bad egg.
Gertrude: I wondered why she didn't like to drop him.

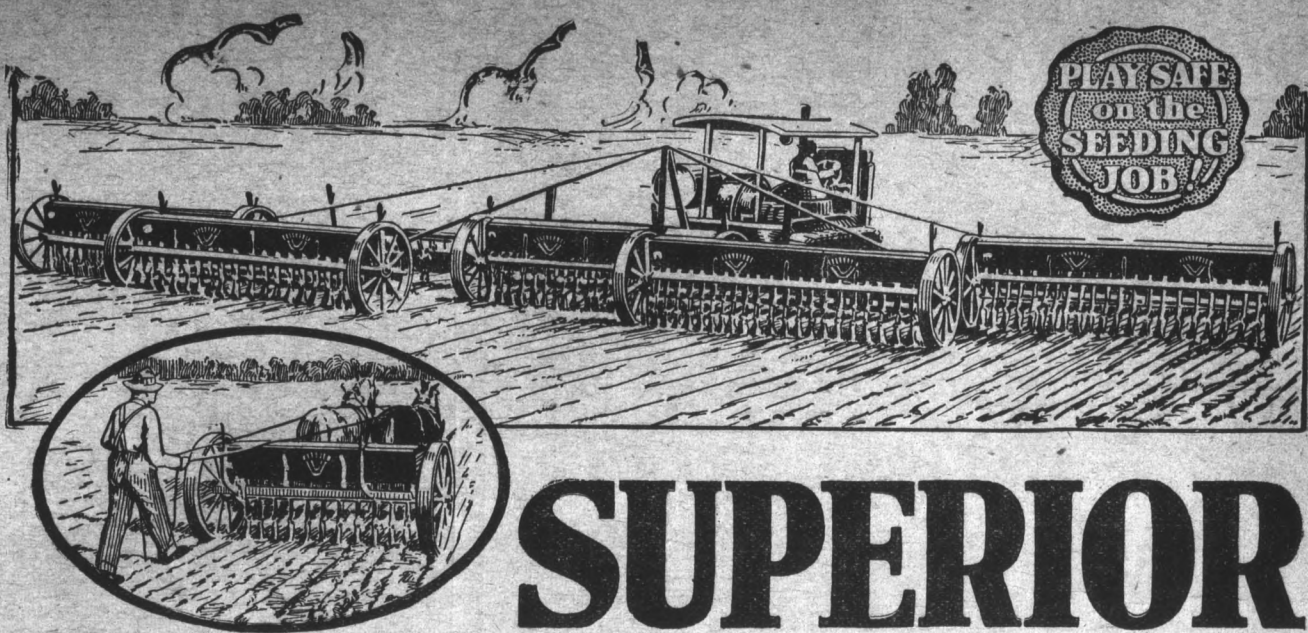
An Eye-Doctor

Joe: My brother is a kitchen oculist.
Moe: What does he do?
Joe: Takes the eyes out of potatoes.

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The Indian Drum

By William MacHarg and Edwin Balmer

Copyright by Edwin Balmer

(Continued from January 2nd issue.)

"What is it, Henry?" His muscular reaction, as he read, had drawn the sheet away from her; he recovered himself almost instantly and gave the paper to her; but, in that instant, Constance herself was "prepared." She must have deceived herself the instant before! This bulletin must be something dismaying to what had remained of hope.

"8:35 a. m., Manitowoc, Wis.," she read. "The schooner Anna S. Solwerk has been sighted making for this port. She is not close enough for communication, but two lifeboats, additional to her own, can be plainly made out. It is believed that she must have picked up survivors of No. 25. She carries no wireless, so is unable to report. Tugs are going out to her."

"Two lifeboats!" Constance cried. "That could mean that they all are saved or nearly all; doesn't it, Henry; doesn't it?"

He had read some other significance in it, she thought, or, from his greater understanding of conditions in the storm, he had been able to hold no hope from what had been reported. That was the only way she could explain to herself as he replied to her; that the word meant to him that men were saved and that therefore it was dismaying to him, could not come to her at once. When it came now, it went over her first only in the flash of incredulous question.

"Yes," he said to her. "Yes." And he went out of the room to the outer office. She turned and watched him and then followed to the door. He had gone to the desk of the girl who had brought him the bulletin, and Constance heard his voice, strained and queerly unnatural. "Call Manitowoc on the long distance. Get the harbor master. Get the names of the people that the Solwerk picked up."

He stayed beside the girl while she started the call "Put them on my wire when you get them," he commanded and turned back to his office. "Keep my wire clear for that."

Constance retreated into the room as he approached. He did not want her there now, she knew; for that reason—if she yet definitely understood no other—she meant to remain. If he asked her to go, she intended to stay; but he did not ask her. He wished her to go away; in every word which he spoke to her, in every moment of their silent waiting, was his desire to escape her; but he dared not—dared not—go about it directly.

The feeling of that flashed over her to her stupefaction. Henry and she were waiting for word of the fate of Uncle Benny and Alan, and waiting opposed! She was no longer doubting it as she watched him; she was trying to understand. The telephone buzzer under his desk sounded; she drew close as he took up his receiver.

"Manitowoc?" he said. "I want to know what you've heard from the Solwerk. . . . You hear me? . . . The men the Solwerk picked up. You have the names yet?"

"The Benton?"

"Oh, I understand! All from the Benton. I see! . . . No; never mind their names. How about Number 25? Nothing more heard from them?"

Constance had caught his shoulder while he was speaking and now clung to it. Release—release of strain was going through him; she could feel it, and she heard it in his tones and saw it in his eyes.

"The steamer Number 25 rammed proves to have been the Benton," he told

her. "The men are all from her. They had abandoned her in the small boats, and the Solwerk picked them up before the ferry found her."

He was not asking her to congratulate him upon the relief he felt; he had not so far forgotten himself as that. But it was plain to her that he was congratulating himself; it had been fear that he was feeling before—fear, she was beginning to understand, that those on the ferry had been saved. She shrank a little away from him. Benjamin Corvet had not been a friend of Henry's—they had quarreled; Uncle Benny had caused trouble; but nothing which she had understood could explain fear on Henry's part lest Uncle Benny should be found safe. Henry had not welcomed Alan; but now Henry was hoping that Alan was dead. Henry's words to her in the north, after Alan had seen her there, iterated themselves to her: "I told that fellow Conrad not to keep stirring up these matters about Ben Corvet. . . . Conrad doesn't know what he'll turn up; I don't know either. But it's not going to be anything pleasant. . . . Only a few minutes ago she had still thought of these words as spoken only for Alan's sake and for Uncle Benny's; now she could not think of them so. This fear of news from the north could not be for their sake; it was for Henry's own. Had all the warnings been for Henry's sake too?"

Horror and amazement flowed in upon her with her realization of this in the man she had promised to marry; and he seemed now to appreciate the effect he was producing upon her. He had tried obviously to pull himself together; he could not do that fully; yet he managed a manner assertive of his right over her. "Connie," he cried to her, "Connie!"

She drew back from him as he approached her; she was not yet consciously denying his right. What was controlling him, what might underlie his hope that they were dead, she could not guess; she could not think or reason about that now; what she felt was only overwhelming desire to be away from him where she could think connectedly. For an instant she stared at him, all her body tense; then, as she turned and went out, he followed her, again calling her name. But, seeing the seamen in the large office, he stopped, and she understood he was not willing to urge himself upon her in their presence.

She crossed the office swiftly; in the corridor she stopped to compose herself before she met her mother. She heard Henry's voice speaking to one of the clerks, and flushed hotly with horror. Could she be certain of anything about him now? Could she be certain even that the news which came through these employees of his would not be kept from her or only so much given her as would serve Henry's purpose and enable him to conceal from her the reason for this fear? She pushed the door open.

"I'm willing to go home now, mother, if you wish," she said steadily.

Her mother arose at once. "There is no more news, Constance?"

"No; a schooner has picked up the crew of the ship the ferry rammed; that is all."

She followed her mother, but stopped in the ante-room beside the desk of her father's private secretary.

"You are going to be here all day, Miss Bennet?" she asked.

"Yes, Miss Sherrill."

"Will you try to see personally all messages which come to Corvet, Sherrill and Spearman, or to Mr. Spearman about the men from Number 25, and telephone them to me yourself?"

"Certainly, Miss Sherrill."

(Continued in January 30th issue.)

WHERE OUR READERS LIVE

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



HOME OF THEO. BULGIN, MARINE CITY

If you have ever passed Fairacres Farm, owned by Theo. Bulgir, and located near Marine City, you will remember seeing this home. Mr. Bulgir is real proud of his home, and we do not blame him.

RADIO DEPARTMENT

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

M. B. F. MARKETS

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

MANY COMMENT ON RADIO MARKET SERVICE

It was a very happy moment when on the evening of January 4th we broadcast through radio station WGHP, of Detroit, our first program of market reports and farm news. For a long time we had dreamed of a last minute service like that for our subscribers and it was then that our dream came true. It meant, as Mr. George M. Slocum, publisher of THE BUSINESS FARMER, said in his short talk, that through this modern genius our farmers would receive last minute market quotations and news but a few hours after the market's close. "The Farm Paper of Service" has adopted the most modern invention to serve its readers.

That we were not alone in the thought that Michigan agriculture needed and was ready for such a service is indicated by the letters and telegrams we received from leading men of the state after they learned of our plans. Some of their comments are as follows:

Gov. Groesbeck Approves

"I have been advised that it is the intention of THE BUSINESS FARMER to broadcast through Station WGHP of Detroit, beginning early in January, farm market reports and other information that will be of value to the Michigan farmer in disposing of his products.

"This service will prove of exceptional value to the producers of Michigan because of the fact that it will enable thousands of them to receive timely information pertaining to market conditions that could be secured in no other way.

"You are to be commended for the valuable service that you are about to render to the farmers in this part of the country."—Alex J. Groesbeck, Governor of Michigan.

From M. S. C. President

"It is easy to see that your proposed daily broadcasting of market reports and farm news can be made of almost immeasurable value to the farmers. Knowledge of market conditions and of production tendencies becomes more important every year. This ought to mean a very big fine piece of work as I am sure it will."—Kenyon L. Butterfield, President, Michigan State College.

Valuable Addition to Service

"I am pleased indeed to be advised by Mr. Milton Grinnell, Managing Editor of THE BUSINESS FARMER, that your paper will broadcast market reports and farm news from Station WGHP, of Detroit.

"This will make a very valuable addition to the agricultural service of the state of Michigan, and the Department of Agriculture thoroughly appreciates and endorses your move in this direction. We bespeak for the great farm audience of Michigan great and lasting benefit therefrom."—L. Whitney Watkins, State Commissioner of Agriculture.

Progressive Step

"I wish to congratulate you for the progressive step taken in broadcasting market reports and farm news. This is a distinct service to farmers, which I am sure will be appreciated by them. The radio brings them into daily contact with the rest of the world, and your particular service will aid them in their marketing and other farm problems without unnecessary loss of time or effort on their part.

"Wishing you the best of success in this undertaking, I am."—V. H. Church, Agricultural Statistician, U. S. Dept. of Agriculture.

Looking After Farmers' Interests

"We were greatly pleased at Michigan State Farm Bureau headquarters to read in the December issue of THE BUSINESS FARMER, that you would broadcast market reports and farm news through Station WGHP, Detroit.

"This strikes me as one of the most valuable services that can be rendered the farmer, as the information will reach him in time to be of the greatest possible benefit. So many of the firms with whom he deals have, in the past, secured information regarding market changes considerably in advance of the time that the farmer has gotten it in the newspapers. Consequently, the Michigan State Farm Bureau considers the new project you are inaugurating one of the most helpful things that has occurred in recent years, and we appreciate the manner in which you are looking after the farmers' interests."—C. L. Brody, Secretary-Manager, Michigan State Farm Bureau.

(Continued on page 21.)

\$1500.00

Cash-Fence Contest

Write
for
Contest
blank

Believing that better fenced farms are worth more money and make more money for their owners, we also want the opinion of farmers on this important subject so we are offering 75 cash prizes for the best letters or stories about "The advantages of a well-fenced farm." Anybody may enter contest who lives on or owns a farm—Closes April 5, 1926.

75
Cash
Prizes

Rules of Contest

- [1] First write for free contest blank which describes the contest in full.
- [2] The 75 prize winners will be those who write the best and most complete set of ideas on "The advantages of a well-fenced farm."
- [3] Story should not exceed 750 words in length.
- [4] Your contest blank must be filled out and mailed not later than April 5, 1926.
- [5] Cash prizes will be awarded by the Keystone Steel & Wire Co. to those 75 contestants selected by the Bradley Polytechnic Institute and prominent agricultural authorities. The best story will receive the first prize of \$500.00; the second best will receive the \$250.00 prize and so on up to the 75th prize.

List of Cash Prizes

1st Cash Prize (Capital)	\$500.00
2nd Cash Prize	250.00
3rd Cash Prize	150.00

4th Cash Prize	\$100.00
5th Cash Prize	75.00
6th Cash Prize	50.00
7th Cash Prize	35.00
8th Cash Prize	25.00
9th Cash Prize	20.00
10th Cash Prize	15.00
11th Cash Prize	10.00
12th to 50th prizes at \$5.00 each	195.00
51st to 75th prizes at \$3.00 each	75.00
Total	\$1500.00

Why "Red Strand" Fence Is the Kind to Buy

There are several features that make this product entirely different from all others, such as: the copper-bearing steel that goes into this new fence; the patented "Galvanneal" process which applies a 2 to 3 times heavier zinc protection than ordinary galvanized wire; the knot that cannot slip; the full gauge wires; the stiff picket-like stay wires that make fewer posts necessary; the well crimped line wires that retain their ten-

sion, etc. These are only a few of the points that mean a far longer lasting, more satisfactory fence. Red Strand fence costs you much less, in the long run, than the ordinary kind.

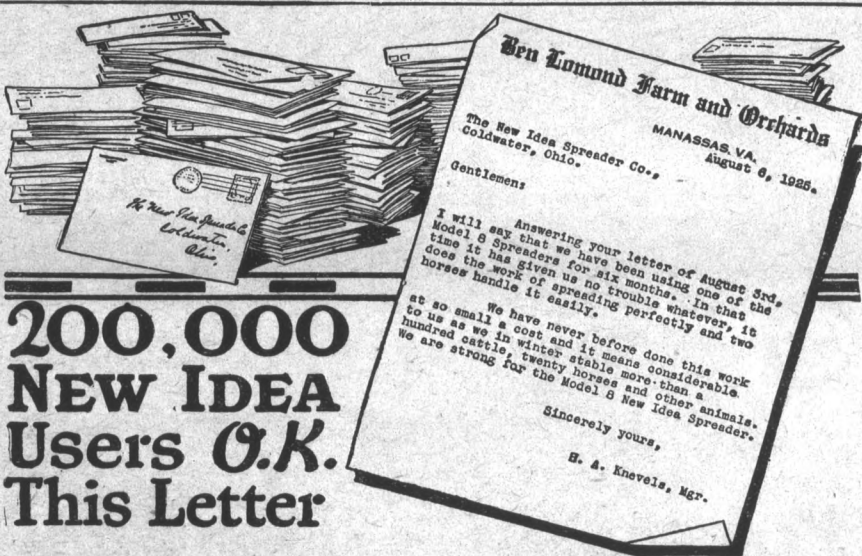
Send for contest blanks today—we'll also send full details of the contest. Your ideas may easily win one of the many prizes. You'll be able to write many interesting things about "The advantages of a well-fenced farm" such as: A farm must be well fenced, otherwise crops cannot be properly rotated or hogged down; Delayed fence building usually costs several times what it saves; Loose animals may die from overfeeding; Valuable females may be bred to scrub males; Ownership disputes often arise over strayed stock; Damaged crops mean hard feelings and sometimes damages to pay, etc.

Any member of the family may enter the contest. Write a post card—just say "Send me your Contest Blank and Red Strand fence catalogue free."

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Ask for Fence with the RED STRAND (top wire)



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Users O.K.
This Letter

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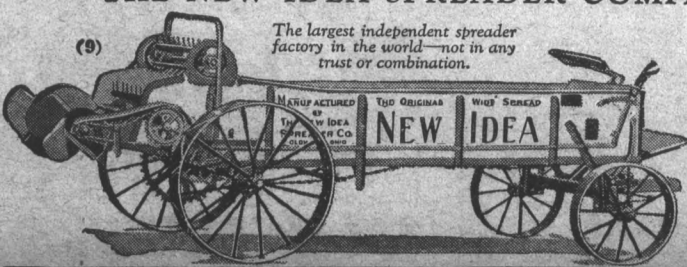
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Our present Model 8, introduced about two years ago, is the last word in spreader construction. It is the perfect result of 26 years of hard work, honest service and careful study. And just as we have always set the pace in the spreader field, we again

lead the procession with our "balloon tires." They are extra wide, ride over soft fields without cutting them up, and have continuous cleats which give better traction and easier riding. No wonder users say it is "the easiest running Spreader built."

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The Michigan BUSINESS FARMER

SATURDAY, JANUARY 16, 1926

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THE RURAL PUBLISHING COMPANY, Inc.
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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.

"The Farm Paper of Service"

GAS TAX RECEIPTS EXCEED ESTIMATES

WE read with a great deal of pleasure the recent statement of Secretary of State DeLand that on December 1st, 1925, the total amount of money the state had received from the 2-cent gas tax had far exceeded the estimate officials had made for the entire year. When the law was enacted by legislature it was estimated that receipts for a year would be around \$6,000,000, and many thought these figures too liberal, but when the state closed its books on November's receipts it was found a total of over \$7,500,000 had been collected up to that time. The weight tax yielded around \$13,500,000 in 1925 so it is believed the total revenue from the two taxes on automobiles for the year will be well over \$21,000,000.

With a normal increase in the number of cars and in gas consumption officials state the gas tax will yield at least \$900,000,000 in 1926.

And the fine thing about it all is that each of us have contributed only as we used the roads. Let's have a higher gas tax and do away with the weight tax and the annual license plates.

HORSE RACING AT STATE FAIR

THAT the Michigan State Fair will cater to the farmers of this state from now on is indicated by the announcement that harness horse racing will again be a feature. This statement was given out by Walter Palmer, newly appointed director of exhibits and entertainment, who was in Detroit recently for a short visit preliminary to opening offices on the fair grounds February 1st.

Further, Mr. Palmer stated there were no strings tied to him, that he had no friends to favor, or enemies to punish, and he was going to do all he could to make a Michigan Fair for Michigan people, a great industrial and agricultural exposition that will compare favorably with any in the United States.

If that is the way he looks at his job we are for him and want to cooperate in every way we can. We feel that he has taken a proper step in the right direction by again putting harness horse races on the program, because there is no other sport that a farmer enjoys quite as much. Horse races are the main attraction of the county fair and will draw farmers to the Detroit exposition if conducted without gambling as Mr. Palmer has declared they will be.

ATTEND FARMERS' WEEK

FARMERS' Week at the Michigan State College is not until the first week in February but it is none too early to make your plans to attend. If you attend regularly you will need no urging to go this year, but if you have never attended this wonderful annual event you do not know what you are missing.

We were talking with a farmer the other day about Farmers' Week and he declared he would not miss it for \$50 in cash. "The ideas I get during the week are worth many times that amount of money to me each year," he said. And there are thousands of farmers just like him in Michigan.

Mark the dates, February 1-5, down on your calendar so you will not forget them and then

be "Johnny on the spot" for the first meeting on the opening day. And the wives are supposed to come too, as well as the boys and girls, so make early arrangements for someone to care for the stock during that week if its impossible to drive home each evening. The cost is money well invested.

ABOUT TIME

THE agricultural census of 1925 shows that during the five years since the latest decennial census the number of horses on farms declined from 19,767,161 to 16,535,759, a decrease of 16.3 per cent. Young horses, those less than two years old at the beginning of 1925, decreased 11 per cent as compared with with the latest regular census. Mules increased 5.5 per cent during this five-year period, leaving the net decrease in present and prospective animal power on farms 11.6 per cent. The census figures do not tell the whole story, however. Investigations here and there show that the average age of farm horses is well advanced, and that replacements are not equal to current losses. It's about time to raise a few good colts. The more the other kind decrease the better off we will be.

LET US HEAR FROM YOU

AS the holiday season is over and we are slowly recovering from indigestion, now is a good time to sit down and write your troubles or experiences to THE BUSINESS FARMER. Three seasons out of the year you are hustling from daylight to dark and after, and there is little time for reading and none for writing except in most urgent cases, but winter is the slack season on the farm work calendar and the long evenings are ideal for putting your thoughts down on paper. We want to hear from you. We want to know what you think of M. B. F. and will appreciate your criticisms and suggestions on how we can improve it. We want to know if we are printing just what you are most interested in. If not, what would you like to have us take up? We would like to have you express your opinions on current subjects of general interest for publication in our columns. Tell about your experiences for the benefit of the other fellow. If you were very successful in eradicating a patch of quack grass, or some other enemy of farm crops, by some new method tell your brother farmers about it through our columns. Exchange ideas and experiences. We want you to help us edit your farm paper.

Remember THE BUSINESS FARMER is "The Farm Paper of Service" and not only are we pleased to have you write us your experiences and ideas, but we are here to answer your questions, no matter how numerous they may be, and there is not one cent charge to paid-up subscribers. We are glad to help you with your problems.

It has been quite some time since we published our Editorial Ballot. We have not published it because we knew you were too busy up to this time to give it any attention but it appears on this page in this issue and we urge you to send it along with your letter. Help us to help you.

The Business Farmer Editorial Ballot

Below we are listing several features or departments in The Business Farmer with a square opposite in which we will appreciate your indicating by number the ones you read regularly in the paper in the order of their importance. That is, if you like the serial story best, write the figure 1 in the square opposite that feature, the next choice should have the figure 2 in the square in The Business Farmer with a square opposite in which are desired may be written in the blank spaces.

This ballot will be published for several issues so that each member of the family may vote his or her preference. When the children vote their preference they should give their age, also. Be sure to sign your correct name and address and mail to the Editor of The Business Farmer, Mt. Clemens, Mich. Thank you.

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|---|--|
| ☐ Feature Articles | ☐ Publisher's Desk |
| ☐ Picture Page | ☐ The Farm Home |
| ☐ Broadscope Farm | ☐ Children's Hour |
| ☐ Service Bureau | ☐ Dairy and Livestock |
| ☐ Soils and Crops | ☐ Veterinary Dept. |
| ☐ Sermon | ☐ Poultry Department |
| ☐ Radio Department | ☐ Farm Mechanics |
| ☐ Serial Story | ☐ Fruit and Orchard |
| ☐ Handy Hiram | ☐ Harry Vetch |
| ☐ Where Readers Live | ☐ Markets |
| ☐ What Neighbors Say | ☐ Weather Forecasts |
| ☐ Editorials | ☐ Agricultural News |

Remarks:

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UNIFORM TRAFFIC RULES

THE mayors, police chiefs, sheriffs, automobile club executives and representatives of other organizations made a very wise move at a recent convention in Grand Rapids when they voted their approval of a proposed standard traffic ordinance and signified their intentions to ask Michigan legislative bodies to enact it into a state law. If this proposed ordinance wins the approval of our law-makers and they make it a state law it will mean that you can drive your auto anywhere in the state with only one set of regulations to bear in mind. If you have toured much in Michigan you will readily appreciate what the present system of traffic regulations is like. It seems that every village, town and city has a different way of handling this problem, and what is right in one town may be wrong in the next one you visit. In most instances ignorance is not accepted as an excuse for breaking the law, and it is impossible for a person to be fully informed on all of the regulations in each place, so what is one to do?

Also, what about the tourist from out of the state who comes here many months during the summer? If he constantly is having trouble because of the variety of traffic ordinances he is liable to discontinue coming to Michigan to spend his time and money.

Let us have a standard traffic ordinance for Michigan, and soon.

THANKING OUR FRIENDS

WE wish to thank our friends for their ready response to our request to renew expiring subscriptions during the last few weeks. The response has been all that we could expect or ask, and indicates that we are succeeding, in a small way at least in giving you the kind of a farm paper you believe in. Many were so busy with Christmas plans that they undoubtedly overlooked renewing and we now urge them to take care of the matter by an early mail so as not to miss a copy. Remember for the small price of a year's subscription the editors of THE BUSINESS FARMER will continue to be your hired men for another twelve months, and they are at your service at all times.

A BARGAIN IN LAND

SEVERAL influences now affecting the price of farm land are not likely to be permanent. One of them is the scarcity of labor and tenants, which keeps men who are not farmers from investing in farms. Another is the reaction from the high prices of a few years ago, which has forced some land on the market. Another is the fear of still higher taxation, or the fear that the corn borer or some other pest may reduce the value of the land or increase the cost of raising things on it. These things should not deter the man who knows how to handle land, and can do it himself, from picking up a bargain in a farm. The industry of agriculture is going to continue. Land is not going to keep on selling for less than it is worth to good farmers. All the productive land will be wanted by somebody some day at a price commensurate with its capacity to produce. Shrewd farmers are now finding bargains in farms, and their example might well be followed by tenants who are competent farmers but not land owners. Both prices and terms are favorable to the buyer, and whenever his equity is sufficient he can finance his farm easier than ever before in our history.

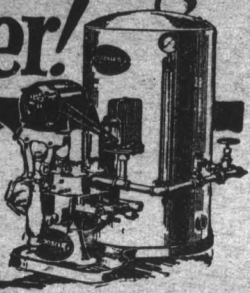
GOOD REPORT

A COMMITTEE of the United States Livestock Sanitary Board has presented a report on foot-and-mouth disease which should be widely published. It was prepared by Dr. A. W. Miller of Washington, D. C., who has given some interesting facts as well as some sound suggestions. The American commission which studied the disease in Europe this year returned with the conviction that our present system of prompt eradication is the only sound system for this country. The experience of Sweden, which first tolerated and tried to control the disease this year, is cited as an example of the failure of that plan. In Texas, where a court issued an injunction against the slaughter of cattle alleged to be neither infected nor exposed, some delay occurred. But both of the herds which were protected temporarily by that injunction broke out with disease within 48 hours of the court's ruling. This and the subsequent isolation of Texas by other states should show the folly of obstructing the policy of eradication. The report calls on all states to get ready for a possible outbreak by enacting proper quarantine laws, by appropriating emergency funds for enforcement and compensation, and by providing a competent official body to handle the trouble.



How to have Running Water!

If your supply of running water under pressure is to be entirely satisfactory, much depends upon your getting the equipment best suited for your needs.



There is a Hoosier Water System that will exactly meet your requirements. That will give you water for every farm and home purpose. That will give you city water at LESS than city cost. That will take supply from any source and use any power. That will last a lifetime because it's GALVAZINK protection, inside and out.

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Leaves no scar or blemish. Keep a bottle of Gombault's Caustic Balsam on hand, always ready for emergencies. Apply it yourself—directions with bottle. \$2.00 per bottle at druggists, or direct upon receipt of price.

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PUBLISHER'S DESK

MORE ON CHAIN SELLING

RECENTLY we published an article in this department on chain selling of hosiery as worked in Indiana. There now comes to our attention evidence that there are several companies working the scheme in Michigan.

The scheme involves the sale of "contracts" for \$4. To each contract there are attached 3 coupons which are to be sold to others at \$1 each. If and when these others bring in the coupon purchased for \$1, plus \$3 additional, and themselves contract, the first purchaser is entitled to \$10.00 worth of merchandise for \$1. If he sold three coupons but none of the persons whom he sold disposed of theirs he might advance \$6, which with the \$4 paid by him and his friend would make the amount of \$10.

You will notice this is a reversal of the ordinary way of doing business; the customer extends credit to the company.

A case was recently put before Attorney General Daugherty and he cited the case of Hubbard vs. Freiberger where the Supreme Court ruled:

"This represents the question first as to whether this undertaking of Auton is against public policy. It is somewhat similar to the Bohemian oats scheme. It is a scheme which upon its face shows that it cannot be worked without ultimately leaving parties with these so-called coupons on their hands possessing no value and is well calculated to deceive ignorant people. This engagement of Auton's, furnishing as it does the only consideration for this note and being in itself against public policy, is as thought no contract existed and furnishes no consideration whatever."

The attorney general added: "The contract you have submitted must, therefore, be held void as against public policy. As was said in the Hubbard case some parties under this arrangement will get \$10 worth of goods for \$1 and a little work, while ultimately some one will be left with coupons on hand of little or no value."

"W. W. WRIGLEY"

THE Wrigley Pharmaceutical Company, formerly of Florida and now of Atlantic City, is circulating Michigan investors. This concern trading on the popularity and good will of the well-known Wrigley Chewing Gum Company, purports to manufacture "Spearmint Tooth Paste."

There is no connection between the toothpaste manufacturer and the gum manufacturer, although the presidents of both companies bear identical names. The pharmaceutical company letter head gives the cable address "Spearmint" and the signature "W. W. Wrigley" appears in script almost identical to that used on Spearmint chewing gum. The letter sent to Michigan investors reads:

"To a limited number of highly representative people we offer the opportunity of becoming a stockholder on the ground floor basis."

If one accepts this "Spearmint" invitation to buy stock, one also receives some free tooth paste. "This plan," reads the letter, "is an advertising one and very costly to the company."

We like the paper and would miss its coming. Like every page of it.—Fred Otto, Barry County.

The Collection Box

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

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

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

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

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

Report ending January 3, 1926
Total number of claims 2793
Amount involved \$28,273.45
Total number of claims settled 2268
Amount secured \$25,966.70

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Federal Bond & Mortgage Company

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WHEN WRITING TO ADVERTISERS PLEASE MENTION
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**MORE
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WITH
LESS
WIND**

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Completely and perfectly self-oiling and self-regulating with the most simple and effective furling device, the Aermotor gives more service with less attention than any other farm machine.

Whether you are in the market for a windmill now or will be later, write for circular.

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Kansas City Minneapolis Oakland

Backed by greatest experience in building steel windmills.

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Plant Northern Seeds
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Get the 1926 Isbell Seed Book. It's a valuable guide for growing great crops. Gives complete cultural directions. Post card brings it, free.
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231 Mechanic St., Jackson, Mich. (82)

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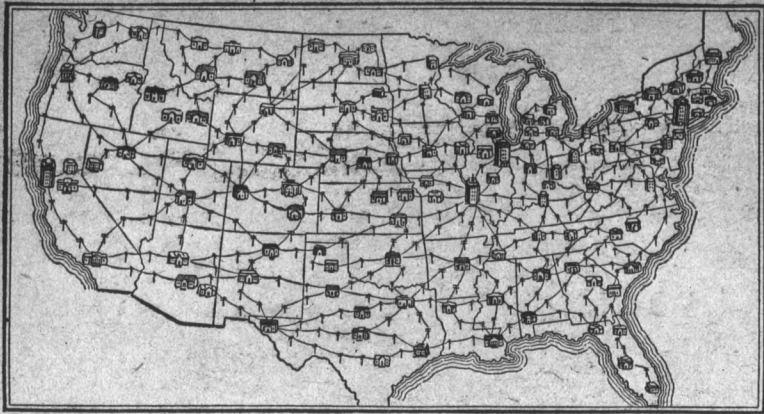
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Direct to You



The Future of the Telephone

It was fifty years ago that Alexander Graham Bell invented the telephone, and yet this anniversary is but a milestone in the progress of telephone development. As the giant oak with its complicated structure grows from the acorn, so a nation-wide system has grown out of Bell's single telephone instrument.

The interconnection of millions of telephones throughout the land, regardless of distance, has not come about easily. It has resulted from a series of scientific discoveries and technical achievements embodied in a telephone plant of vast extent

and intricacy. Great economies have already been gained by such technical improvements and more are sure to follow for the benefit of telephone users everywhere.

There are still to come many other discoveries and achievements, not only in transmission of speech, but also in the material and construction details of every part of the network of plant.

The future of the telephone holds forth the promise of a service growing always greater and better, and of a progress—the end of which no one can foresee.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
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BELL SYSTEM



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1926 Ford free from AMERICAN SEED CO. Dept. C-104 Lancaster, Pa.

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each box containing 7 cakes fine Toilet Soap, and with every box, give to each customer all the following articles: a pound of Baking Powder, Bottle Perfume, Box Talcum Powder, 6 Teaspoons, Pair Shears, Package Needles, (as per Plan 2351) and this Artistic, Full Size Handsome Dinner Set is Yours.
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Full Size, Serviceable 5-Pc. Silver Aluminum Set, including Sauce Pan, Preserve Kettle, Pudding Pan, Pie Pan and Graduated Measuring Cup given FREE in addition to the Dinner Set, if you order promptly.

The Farm Home A Department for the Women

Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: January is the month of inventory and plans in every walk of life. It is the beginning of a new year and we take inventory to see how we progressed, forward or backward, during the year just closed, then we proceed to lay our plans for the future. Just as husbands plan their work for the year I feel that wives should plan their work and expenses for the year as much as possible, and husbands should set aside a liberal allowance so wives can carry out their plans. Some husbands might hesitate to consider the figures given by their wives, believing them to be much too liberal, but it is needless to say that these men are not farmers, because there are no more economical women than those who live on the farms. Of course, it is extremely difficult in many cases to estimate with accuracy the expense to allow for certain things, but in the majority of instances you can figure according to last year's expenses allowing for any changes there might be. The man must plan his work ahead if he wishes to progress and the woman is helping him more than she realizes if she plans also.

Your Friend,
Mrs. Annie Taylor

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

BAD FOOD MAY MAKE BAD TEMPER

IRRITABLE dispositions, bad tempers, listlessness, or apparent laziness and poor school work are often caused by poor food instead of "pure cussedness" say child specialists at South Dakota State College.

The well nourished child is sturdy, has a rosy, clear, skin, and firm flesh. His hair is glossy and his eyes are bright; he stands erect, has straight bones, a flat back and a well rounded chest. His teeth are strong and white. He is enthusiastic, active and energetic without being nervous.

Listlessness, nervousness, and irritability are apt to be signs of improper nourishment, or poor food. Poor standing in classes goes with malnutrition, and both physical and mental development may be retarded. Bow legs and knock knees are sure symptoms, says the college. Narrow flat chests, and shoulder blades that stick out like wings show that bone building foods have been lacking in the child's food. Such a child is usually thin and his flesh will be pale and flabby. His eye may have dark circles around them, and his expression is probably dull.

Plenty of fresh fruits and vegetables and milk are good insurance against faulty feeding. When these are included in generous quantities in the regular diet, the child runs little risk of suffering from improper nourishment.

Personal Column

Wants Cookie Recipe.—Can any of the readers tell me how to make cookies rolled out with fancy rolling pin so pattern will remain in cookies while they are baking? My cookies look nice when I put them in the oven but when baked the patterns have disappeared. Can anyone tell me where I can buy or borrow an old book telling of the lives of Poe brothers—Edgar and Allan were their names I believe. I wish the sisters would send in recipes for all kinds of baking, using few or no eggs as they are scarce now. Does anyone know of a firm selling doll bodies without the heads?—Mrs. S., Auburn, Michigan.
—I know there are many of our readers who will take care of your questions about baking and I am going to leave the questions for them to answer. There were three children in the Poe family. I understand, but Edgar, Allan Poe was the name of a great poet, and I have no information on the others. Your local library no doubt contains books on Mr. Poe and his family. See your local librarian. Try one of the large mail order houses in Chicago to get a doll body.—Mrs. A. T.

Wants Songs.—I am a reader of M. B. F. and have been for a long time. My mother has been dead for three years, and she used to sing some songs that I would like to get. They were "The Mines of Avondale", "The Fount of Glenco" and "James Bird." Can you supply these? I will greatly appreciate any help.—Neva Grove, R4, Hesperia, Mich.

Onion Syrup.—In reply to Mrs. K., of North Branch, for onion syrup recipe. Take a big onion, bigger the better, peel and slice in about one-fourth inch slices, put one in the bottom of bowl, flat side up, put on tablespoonful brown sugar, then add the other slices the same way

until all in. Set on stove where the material will keep luke warm. After about one hour there will be enough to take.

The use of flat top turnips is about as good and pleasanter to take. Give about one teaspoonful at a dose, but not often enough to make patient sick. Have taken enough of this to float a canal boat.—"Old Timer", J. C. E., Gobles, Mich.

—if you are well bred!

What the Bridegroom, Best Man and Ushers Wear—Formal Dress.—The Bridegroom.—There is one generally accepted rule of dress for the bridegroom at any wedding (church or house) which takes place during the day, before 6 P. M.:

A "morning" or cutaway coat, with black waistcoat, dark gray striped trousers; a stiff white dress shirt (a silk shirt is never worn at a wedding), a wing collar; either a black or white Ascot or a black, white-striped four-in-hand; grey suede gloves, black silk socks (plain), black patent leather or low black calf shoes (spats are optional) and a high silk hat. Necessary accessories are a cane and an elaborate white boutonniere.

This is the generally accepted formal wedding dress for a bridegroom, whether he is married at nine in the morning or four-thirty in the afternoon. Innovations such as detail changes in arrangement of white and black in the tie, or substitution of a white for a black waistcoat represent individual exceptions which prove the rule.

The only correct dress for a bridegroom at any wedding celebrated in the evening, is formal evening dress. His dress clothes should be of vicuna wool, black and dull-faced. A plain white pique waist, white kid gloves, a white handkerchief, and a white boutonniere, with plain black silk socks and black oxfords or patent leather pumps, should be worn.

It is well to remember that while the formal rules anent the bridegroom's clothes are usually strictly adhered to in the city, they are often suspended in the country and the smaller town. There he may be married in a dark business suit (preferably black or blue) or white trousers and dark coat in summer, and it will not be regarded as out of place. The bridegroom always presents his ties, gloves and boutonnieres to his best man and ushers.

Informal Dress. The Bridegroom.—It might be said that since even an informal wedding is formal (if not in the social sense, at least because of its solemn and binding nature) that "informal" clothes should never be worn by the bridegroom. There may be good practical reasons for a man to be married in a neat business suit (at least let it be of some dark material), but there is no social warrant for it and from the standpoint of etiquette it is not correct. Still worse, however, from the point of view of correctness, would it be to wear a Tuxedo.

The Best Man.—The only point of difference in dress between the bridegroom and best man at a wedding is the boutonniere. The best man's should be a little smaller. If you feel you must be married in a business suit then your best man should not wear formal clothes.

The Ushers.—The ushers wear the proper formal afternoon or evening clothes, like the bridegroom and best man; and they should all wear exactly the same style of collar, tie, gloves, socks and shoes.

What applies to bridegroom, best man, ushers, etc., is also the rule for male relatives of bride and bridegroom. They wear the formal afternoon or evening clothes demanded.

Rubber mats on the most used parts of the tile or cement floor in kitchen or laundry save wear and tear on the person who works there.

Chase Pain Away with Musterole

When winds blow raw and chill and rheumatism tingles in your joints and muscles, get out your good friend Musterole.

Rub this soothing white ointment gently over the sore spot. As Musterole penetrates the skin and goes down to the seat of trouble, you feel a gentle, healing warmth; then comes cooling, welcome relief.

Better than the old-fashioned mustard plaster, Musterole works without the blister Grandma knew.

For croupy colds, sore throat, rheumatism and congestion of all kinds, rub on Musterole. Don't wait for trouble; keep a jar or tube on the bathroom shelf.

To Mothers: Musterole is also made in milder form for babies and small children. Ask for Children's Musterole. The Musterole Co., Cleveland, Ohio

Jars & Tubes



Color Your Butter

"Dandelion Butter Color" Gives That Golden June Shade which Brings Top Prices



Before churning add one-half teaspoonful to each gallon of cream and out of your churn comes butter of Golden June shade. "Dandelion Butter Color" is purely vegetable, harmless, and meets

all State and National food laws. Used for 50 years by all large creameries. Doesn't color buttermilk. Absolutely tasteless. Large bottles cost only 35 cents at drug or grocery stores. Write for free sample bottle. Wells & Richardson Co., Burlington, Vt.

Colds

Be quick—be sure

Colds are dangerous. Stop them at once. Correct their damage. Open the bowels, check the fever, tone the system. You can do that in 24 hours with HILL'S. This way is efficient and complete. It is so well-proved that millions now employ it. It is so superior that we paid \$1,000,000 for it. Don't rely on minor treatments. Deal with a cold in the best way known—and now.

Be Sure It's **HILL'S CASCARA QUININE** Price 30c
Get Red Box **BROMIDE** with Portrait

THINNESS

Over-thinness is detrimental to a child's progress in growth and health.

Scott's Emulsion

of vitamin-rich cod-liver oil is a body-building food and tonic that overcomes thinness and helps build up a sturdy body.

Scott & Bowne, Bloomfield, N. J. 25-63



Earliest Tomato

is Jung's Wayahead. Big red fruit ripe as early as July 4th. Nothing earlier to be had anywhere. As a special offer will send you a pkt. of this Tomato and pkt. of Cabbage, Carrot, Cucumber, Lettuce, Onion, Radish, Parsnip, Superb Astors and Everlasting Flowers, all 10 pkts. for 10c. Due bill for 10c with each order. Money back if not satisfied. Catalog of Seed Bargains FREE. Send today. J. W. Jung Seed Co., Sta.-4, Randolph, Wis.

The Runner's Bible

(Copyright by Houghton Mifflin Co.)

Ye shall call upon me, and ye shall go and pray unto me, and I will hearken unto you. And ye shall seek me, and find me, when ye search for me with all your heart, and I will be found of saith the Lord, and I will turn away your captivity. Jer. 29:12-14.

Thou hast been my high tower and a refuge in the day of my distress. Unto thee, O my strength, will I sing praises. (Ps. 59:16-17 E. R. V.)

Take refuge in the Almighty. He will shelter and protect you. He will never disappoint. However, do not wait for trouble to force you to Him—everything else having failed; acquaint yourself with Him now (Job 22:21), learn of Him, gain an understanding of spiritual laws. Trouble can be avoided.

Recipes

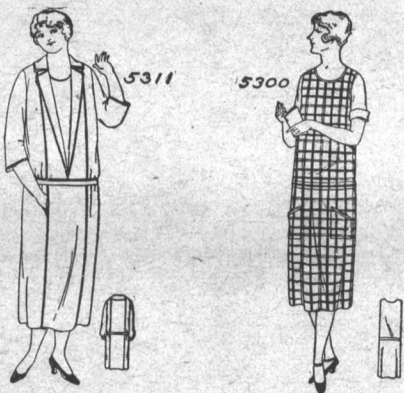
Pin Wheel Biscuits.—2 cups flour, 4 teaspoons baking powder, ½ teaspoon salt, 3 tablespoons butter, 2/3 cup milk, 1/3 cup seeded raisins, (finely chopped), 2 tablespoons citron (finely chopped), or some other fruit or nuts, sugar and cinnamon.

Mix dry ingredients and sift twice. Cut in the shortening, add the milk gradually, mixing to a soft dough with a knife. Roll in a rectangular sheet to ¼ inch thickness, brush over with melted butter, and spread with the fruit. Sprinkle with sugar and cinnamon. Roll like a jelly roll, cut off pieces ¾ inch thickness, place cut side down on a greased tin and bake in a hot oven 15 minutes.

Cranberry Conserve.—Grate rind from 6 oranges and 1 lemon; cut pulp in slices, discarding white membrane and seeds. Cut 4 cups cranberries in halves, place in colander and run cold water over them. Mix fruit, grated rind, 4 cups sugar and 1 cup seeded raisins. Cook slowly until thick; add 1 cup walnuts and cook 10 minutes longer. Turn into sterilized glasses or jars.

Apple Marmalade.—Pare and slice 9 apples and cover with juice of 3 lemons. Wash 6 oranges and cut into thin slices. Slice rind of 3 lemons. Add 9 cups sugar and 3 cups water and let stand 1 hour. Cook slowly to the boiling point; boil 1 hour or until of the consistency of marmalade. Turn into sterilized glasses or jars and seal when cool.

AIDS TO GOOD DRESSING



5311. Ladies' Morning Frock.—Cut in 6 Sizes: 38, 40, 42, 44, 46 and 48 inches bust measure. A 42 inch size requires 5 yards of 36 inch material, if made with long sleeves. With short sleeves 4 ¼ yards will be required. The width at the foot is 1 ½ yard.

5300. 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 requires 3 ¾ yards of 36 inch material.

5267. Ladies' Skirt.—Cut in 7 Sizes: 25, 27, 29, 31, 33, 35 and 37 inches waist measure, with corresponding hip measure, 35, 37, 39, 41, 43, 45 and 47 inches. A 33 inch size requires 2 ¾ yards of 54 inch material. The width at the foot is 2 ¼ yards.

5246. Boys' Suit.—Cut in 3 Sizes: 2, 4 and 6 years. A 4 year size requires 1 ½ yard of 40 inch material with ¼ yard of contrasting for collar and vest portions.

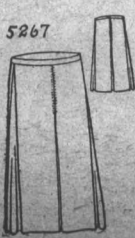
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Mt. Clemens, Mich.



In the blood

"There never was an honest 300-egg hen that was an accident," said Grant M. Curtis, speaking before the poultry association—"It's in the blood."

In the second year of a test conducted by the Department of Agriculture upon flocks of fifty pullets each—the pullets in the lighted pen laid 60 dozen more eggs than a flock of the same size and quality in an unlighted house.

If it is in the blood, electricity will bring it out.



When the G-E monogram is found on electrical apparatus, whether it be on MAZDA lamps, motors or other electrical machines, it means that back of the product stands an organization known for its electrical achievements.

In sections where farms are electrified you will also find the G-E Farm Book used as a guide. Ask your electric power company for a copy or write us at Schenectady, N. Y.

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SAY "BAYER ASPIRIN" and INSIST!

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Accept only "Bayer" package which contains proven directions.

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Your Head Colds

Are quickly relieved by melting Vicks in a spoon or tin cup and inhaling the vapors. They clear the head immediately.

VICKS VAPORUB



WHEN WRITING TO ADVERTISERS MENTION THE M. B. F.

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THE
DREW
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Controls the Entire Row of Stalls

Just **ONE** lever opens the whole row of stanchions. Just **ONE** lever operates the double cow stops in every stall. Just **ONE** lever closes the whole row of stanchions and locks all the cows in place. And just **ONE** man does it all in one-tenth the time. At last! Here it is—the right lever stall at the right price; a simple, practical, lever stall with all the latest features at a moderate price.

The Drew Line Offers You a Better Lever Stall for Less Money

This time-saving, automatic Lever Stall is just one item in the old, reliable Drew Line which during the past 27 years has been developed and perfected to give you the finest and most dependable kind of Barn Equipment at prices which will save you money.

No matter what kind of Barn Equipment you may need, be sure to see the Drew Line dealer in your locality and find out how much more dollar for dollar value he can give you in Drew Line Barn Equipment.

Write for Our Free Book and Name of the Nearest Drew Dealer

If you will write for our new Drew Line Book, we will gladly send it **FREE** and postpaid. We will also send you the name of the Drew Line dealer nearest you. The book pictures and describes each and every item in the Drew Line—and the Drew Line dealer near you will quote prices which will please you. Write for your copy of this valuable **FREE** Book today.

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Ever Since 1898—Better Equipment For Less Money

MICHIGAN CHICK MASH with BUTTERMILK EGG MASH



Insist Upon
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Makes chicks grow and hens lay. See the local co-op or farm bureau agent. Insist on Michigan brand. Write for free poultry feeding book.

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THE M. F. B. SUPPLY SERVICE
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HERE'S THE WAY TO HEAL RUPTURE

A Marvelous Self-Home-Treatment
That Anyone Can Use on Any
Rupture, Large or Small

Costs Nothing to Try

Ruptured people all over the country are amazed at the almost miraculous results of a simple Method for rupture that is being sent free to all who write for it. This remarkable Rupture System is one of the greatest blessings ever offered to ruptured men, women and children. It is being pronounced the most successful Method ever discovered, and makes the use of trusses or supports unnecessary.

No matter how bad the rupture, how long you have had it, or how hard to hold; no matter how many kinds of trusses you have worn, let nothing prevent you from getting this **FREE TREATMENT**. Whether you think you are past help or have a rupture as large as your fists, this marvelous System will so control it and keep it up inside as to surprise you with its magic influence. It will so help you restore the parts where the rupture comes through that soon you will be as free to work at any occupation as though you had never been ruptured.

You can have a free trial of this wonderful strengthening preparation by merely sending your name and address to W. A. COLLINGS, Inc., 347 C Collings Building, Watertown, N. Y. Send no money. The trial is free. Write now—today. It may save the wearing of a truss the rest of your life.—(Adv.)

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE MICHIGAN BUSINESS FARMER

BETTER LIGHT at Less Expense with brilliant carbide light.



Think of the convenience of turning a key and having a brilliant light that floods the farthest corner of your home and barn. What a pleasure and comfort to read by a good light in the long winter evenings. Used for cooking and ironing also. Cuts the drudgery out of meal getting. The clean, hot, steady flame of carbide gas removes the big troubles of cooking with wood, coal, or oil, insuring a real kitchen comfort.

Our plant installed outside the house in the ground requires attention only three or four times each year. It is simple and fully guaranteed. Ask why it is brighter than electricity and cheaper than kerosene. Our "Two-in-One" folder tells all. It is free.

Get it today with our latest catalogues.
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BOLENS Garden Tractor

Does Seeding, Cultivating and Lawn Mowing with great saving of time and effort. All it needs is a guiding hand. Gasoline power does the

work. Attachments for different jobs are instantly interchangeable. Many indispensable features, patented arched axle, tool control, power turn etc. A boy or girl will run it with delight. Write

GILSON MFG. CO. 522 PARK ST., PORT WASHINGTON, WIS.

The Children's Hour

Motto: DO YOUR BEST
Colors: BLUE AND GOLD

DEAR girls and boys: I am publishing a letter from Jeanette Olson, of Northport, the girl who has never walked, and I am sure all of you who wrote her will be very happy to read her letter and learn how she enjoyed the many letters and gifts she received from the members of the Children's Hour. All of you are going to receive a personal letter from her in time but over a hundred girls and boys wrote her and it will take some little time to reply to all, so she asks you to be patient with her.

I too want to thank you most heartily for responding so quickly to the appeal. You certainly did your best to make Jeanette happy and I am more proud of you—if that is possible—than I ever was. No appeal in the Children's Hour goes unheeded we can proudly say.

In the next issue we may be able to spare space for another contest, at least I hope so.—UNCLE NED.

Our Boys and Girls

Dear Uncle Ned:—I am well and hope you and everybody else are the very same. The reason I am writing to you is because I want to give every boy and girl a chance to do something for Jesus. There is a room in the north-west corner of the children's home, where a little girl is suffering but is always cheerful. The doctors really do not know what is the matter with her. She has a papa and mama, but her papa left when she was three days old and never came back again. Her mother was poor and she asked them at the children's home to take her family of four children. I will ask a favor of you to send her letters and Christmas presents, if your mama and papa will let you. Send her cheery words and not a whole lot of junk she will not be interested in. Her address is Laura May Rodgers, in care of the Mennonite Children's Home, Millersville, Pennsylvania. Uncle Ned, please print this letter in THE BUSINESS FARMER. I do hope Old Mr. Letter Gobbler don't eat my letter for his dinner.

I have five brothers and five sisters. There are five scholars in our school. Our teacher's name is Miss Rachel Ellen Everett.

Well, I must describe myself. I am twelve years old, have a light complexion, am five feet tall and the last time I weighed, I weighed eighty-two pounds. Every girl, not boy, who writes to Laura May, please write to me too if your mama and papa will let you, and please do not forget.

Uncle Ned, I know what kind of a contest you should have, you should tell the boys and girls to make up a Christmas song with any tune they wish to have it sung by, and give small prizes, but not money if you choose. You may do as you like. I am your friend, Marie Suderman, Box 32, Comins, Michigan.

—As we could not publish Marie's letter before Christmas it is rather late to play Santa Claus to Laura May Rodgers, but I am sure any letters or small gifts will be appreciated just as much now as at Christmas time. At least write a letter to her to show there are some girls in Michigan who think of her. Marie suggests that only girls write but I believe that Laura would enjoy hearing from all of you.

We are going to have more contests soon, Marie, and I hope you will enjoy them.

Dear Uncle Ned:—This is the second time I've written to you. We've been taking THE BUSINESS FARMER for quite a while and I am very much interested in the Children's Hour. I read every letter that is published on that page. For pets I have at home a gray cat whose name is Grace, six rabbits and six yellow chicks. I live two miles from school. I like my school work very well. Everybody should if they go to school. Am I not right, Uncle Ned?

Now I will describe myself as the other cousins do. I am four feet and seven

inches tall, light brown bobbed hair, blue eyes and I am eleven years old. I would like to have some of the cousins write to me. Mr. Waste Basket better be asleep when my letter arrives. I will close. Good-bye. Your niece, Julia Sich, Route 2, Fowler, Michigan.

—You are right, Julia. All should like their school work because they need all of this training when they grow up and assume the responsibilities of men and women if they wish to be successful. The people without training are under a great handicap.

Dear Uncle Ned:—I received my pin about six months ago and also your letter. I like the pin very much. I think that the children who chose it have very good ideas. My last letter I wrote was not published, but I hope Mr. Waste Basket has just had his fill.

Well, I guess I will describe myself. I am five feet tall and I am not fat or skinny, I am just right. I am twelve years old and in the seventh grade. I have dark brown hair and brown eyes, and medium complexion.

Well, Uncle Ned, I hope that you will let me join your merry circle. I tried to join before but I failed. I hope you won't say that I cannot join your circle as I would like to very much.

Well, Uncle Ned, don't you think that this year has gone fast? I do. Christmas will soon be here, but still I am glad for Christmas is my favorite holiday and I guess it is everybody else's also.

I take music lessons every Wednesday. I like music very much but I don't like to practice so well. My music teacher's name is Miss Margaret Hartwick. I like her very much.

I do not live on a farm. I live in a restaurant which I like quite well, because I seldom have to wash dishes.

I like THE BUSINESS FARMER very much and I also like the Children's Hour. I only wish that it came as a daily paper. I can't hardly wait to go and get the mail because I know that there is a BUSINESS FARMER there ever ytwo weeks. My aunt has been taking THE BUSINESS FARMER as long as I can remember, so I know the Children's Hour quite well.

Uncle Ned, have you ever been to the Niagara Falls? I have. I went this summer. It is a beautiful sight well worth going to see. When we were there it was raining, but it was very nice. If the sun had been shining it would have been a lot better, but we cannot help the weather, can we, Uncle Ned?

Well I must leave room for someone else. Good-bye. From your want-to-be niece.—Margaret Underwood, Omer, Mich. —Yes, time has wings, and a year passes rapidly. I have had the pleasure of seeing the Niagara Falls by the light of the sun and the moon, both, and it is beautiful at any time. It is indeed a wonder of the world and worth traveling many miles to see. Other sights you would enjoy the the Rocky Mountains and the Grand Canyon.

Dear Uncle Ned:—I have just written to Jeanette Olson. I hope many other letters may reach her, as she said she would be glad to hear from the readers of THE BUSINESS FARMER. We have taken THE BUSINESS FARMER for nearly a year and I enjoy reading the Children's Hour, it has many interesting letters.

I take four subjects, Algebra, Biology, English and Ancient History. I have received all passing marks, all above eighty. I haven't noticed any letters from Berrien County lately so maybe if I write this I will. Well, I think I will close for this time. Your friend, Ella Bowering, Gallien, Michigan.

—I am sure Jeanette was pleased to hear from you and will answer.

RIDDLES

Spell "enemy" in three letters?—F O E. Which is the only way a leopard can change his spots?—By going from one spot to another.

Why did Eve never fear the measles?—Because she's Adam.

When is a tall man a little short?—When he hasn't got quite enough cash.

What houses are the easiest to break into?—The houses of bald people; because their locks are few.

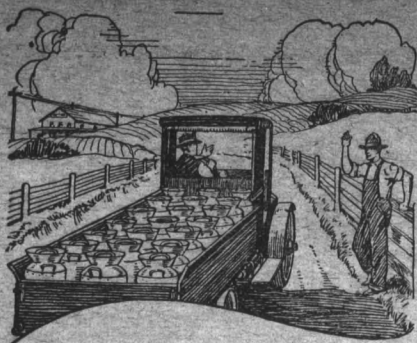
JEANETTE THANKS YOU

DEAR Uncle Ned and Cousins:—The letter that I put in the November issue of THE BUSINESS FARMER must have been read by a great many people. When I made the statement that I would answer all that I received letters from, I had no idea that so many would write to me. In all I have received a great many over a hundred letters.

I have tried my best to reply, but the task is a difficult one. I am putting this letter in this time to let you know that I have received your letters and have enjoyed them. Some letters have come from California, others from Wisconsin and from a great many other states.

I enjoyed the gifts that were sent very much. They were greatly appreciated and I want to thank everyone for what was sent. It seemed every day the mailman brought me a parcel, so you readers have done a great deal.

Readers, do not grow impatient because my intentions are to answer every letter, although you may have to wait a long time. I shall close, thanking you all again for the greetings and gifts and may the Lord bless you.—Jeanette Olson, Northport, Michigan.



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Without stuffing more feed into your cows—there's a sure way of getting more milk out of them. Milk income in the winter months depends on the cow's ability to completely assimilate and turn into milk the ration you have to feed her.

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WHEN WRITING TO ADVERTISERS, PLEASE MENTION THE BUSINESS FARMER

WHAT THE NEIGHBORSSAY

EUROPEAN CORN BORER

DEAR EDITOR: I am enclosing one dollar for renewal of my subscription. I like your paper fine. Keep it coming.

Just a few words about the European corn borer. Many of our farmers think the worm that bores in the ear is the dreaded European Corn Borer. I have a brother living in Kent county, Ontario, and could our farmers see the work that European Corn Borer does it would be an eye opener. I believe one of the best methods to combat the European Corn Borer would be the method our forefathers employed to combat the codling moth. Before the advent of spraying, they used an open flame torch among the apple trees on warm nights when the moths commenced to fly about. A moth with burned wings does not go far. It will take every known device to get the upper hand of Mr. Borer.—R. J. Bowman, Huron County.

AGAINST WIDE SLEIGHS

DEAR EDITOR: As for wide sleighs, they may be all right in logging camps where they have iced roads. My opinion is they are only horse-killers up north here where we have lots of snow. I have interviewed several farmers on the subject and failed to find one in favor of wide sleighs. Mr. Francis G. Smither in the October 24th issue expressed my opinion to perfection.—O. G. Barth, Leelanau County.

LIKES WEATHER REPORT AND FRUIT DEPARTMENT

DEAR EDITOR: Have been thinking of writing to you for a long time and now I am at it. I like everything in THE BUSINESS FARMER. The weather forecast is fine—can't be beat. Don't ever cut that out. Up here in Osceola county the weather is exact day for day right along. I could farm right up to date if I could get the weather for one year ahead or the six months in the summer. Another part is the Fruit and Orchard, and I would want it for Michigan only. I have taken fruit papers but they take in all the states. What will do for other states won't do for us. I would like to see a whole page written on fruits and gardening—great, I'll say.—H. Loomis, Osceola County.

DO NOT RUSH CROPS TO MARKET

DEAR EDITOR: I have rented a farm near Millington, and haven't received my good old M. B. F. It seems lonesome without it. It would be a lot of good to all farmers if they would read it. I have been farming seventeen years and read THE BUSINESS FARMER about eight and find it the best service farm paper. In the market lines it is sure the best. I think if farmers would be more careful in marketing their crops and not flood it too fast we would receive much better results. I have learned, for instance, the potatoes this fall were not marketed very fast and just see the prices.—W. G., Millington, Mich.

THANKS

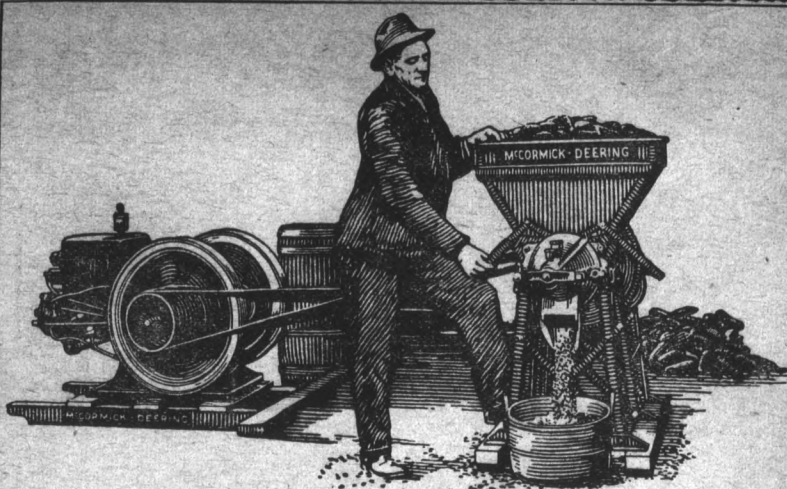
DEAR EDITOR: I truly wish to shake hands in the good old-fashioned way with the whole managing crew that has helped to make M. B. F. the farmer's friend that it now is. You certainly have put forth every effort and exercised every thought which reflected possible value in the betterment of our dear Michigan-edited farm magazine.

I was a farmer's daughter, the eldest of five children and father called me his right hand man until I was about twenty-one years of age, when my two brothers became old enough to take my place in the fields and milking cows. Am now 61 years old. My father's axe and saw lay low the most beautiful bird's eye maple timber which was simply cut into stove wood and much of it burned which would have made abundance of valuable pieces of furniture.—I. M. L., Bannister, Mich.

Filling Up

Mrs. Brown (after the company had gone) Johnny, you shouldn't have eaten those preserved fruits. They were put on the table to fill up.

Johnny: Well, that's what I used 'em for, mom.



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The McCormick-Deering Engine is built in 1½, 3, 6, and 10-h. p. sizes for successful operation on all jobs and under all conditions. All sizes have removable cylinder, replaceable main bearings, enclosed crankcase, high-tension magneto, throttle governor, and simple, efficient mixer. There is ample provision for cooling. Working parts are protected from dust and sand. All worn parts can be replaced at moderate cost. Altogether, the McCormick-Deering is the ideal engine for the man who wants dependable, efficient, long-lived power.

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It contains Quassia—a stomach tonic; whets the appetite, promotes digestion.

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DAIRY AND LIVESTOCK

IMPORTANCE OF MINERAL CONTENT OF SOILS

THAT the mineral content of the soil plays a very important part in the development of various breeds of livestock cannot be denied by the thinking student of live stock development. With practically no exceptions the world's most famous breeds of all kinds of farm animals have originated and are now found in those regions that are rich in those elements that are most often deficient in the animal's ration. Limestone regions have particularly contributed to the best we have in live stock. A review of the sections of the world from which our best animals come will invariably show that these are hard water regions, and that as this hardness of the water and the generous amounts of calcium or lime gives way to a soft water region and a lack of calcium or lime, that the quality of the animals produced in the soft water region became inferior to the others. It is a well known fact that in most instances low boggy wet peaty lands are not suitable for the raising of live stock. On the other hand we find in many sections of the world where the climate is arid or semi-arid that the stock produced there is of very fine quality. This can be accounted for in this manner: The dryness of the atmosphere permits of vegetation containing large amounts of minerals.—Dr. George H. Conn.

BALANCED RATION

Will you please inform me how to make up a balanced ration for milch cows? Have corn, oats and barley for grain and will purchase bran and oilmeal. For roughage have first cutting alfalfa, shredded corn stover and bean pods.—T. J. Akron, Mich.

I WOULD suggest a mixture consisting of 300 pounds ground corn, 250 pounds ground oats, 200 pounds bran, and 200 pounds oil meal (old process), together with about one pound of alfalfa hay to a hundred pounds of live weight for each cow and what shredded corn stover and bean pods the cows care to clean up.

You do not say what kind of cows you have, but for high testing cows, such as Guernseys and Jerseys, I would feed the above ration at the rate of one pound of grain for each three pounds of milk produced. For lower testing cows, such as Holsteins, I would feed the grain at the rate of one pound to each three and one-half to four pounds of milk produced.—J. E. Burnett, Associate Professor of Dairy Husbandry, Michigan State College.

FEEDING SPELTS STRAW

Will you please inform me as to the value of spelts straw for horse feed?—I have been told that the beads cling to the throat of the animal impossible of dislodgement.—W. S., Moddersville, Mich.

YOUR question is an exceedingly difficult one for me to answer, inasmuch as I am unable to determine where spelts straw has ever been used as a horse feed.

In my opinion it would give somewhat the same results as barley straw. Horses like barley straw but are caused some discomfort through the fact that the beads cling to their cheeks and throat. I imagine that spelts straw would have the same effect. Any straw is not very valuable as a feed for horses doing heavy work, as they contain such a small percentage of nutrients. However, they may be utilized to advantage for horses doing light work or for animals that are idle. I would hesitate before feeding spelts straw as a sole roughage in any considerable quantity.—R. S. Hudson, Farm Superintendent, M. S. C.

WILD CARROTS NOT POISONOUS

I would like to buy a few sheep but have wild carrots in pasture and would like to know if it will kill them as I have heard it will?—B. R. H., Hopkins, Mich.

—Wild carrots are not poisonous and will not poison the sheep.—Ernst A. Bessey, Professor of Botany, M. S. C.

BREEDERS' DIRECTORY

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

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WHITE WYANDOTTES—MY CHOICE BREED- ing cockerels are now ready for shipment. Their quality will please you. **Fred Berlin, Allen, Mich.**

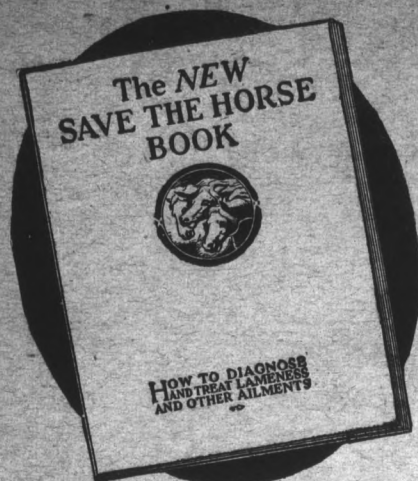
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Testimonial

Last March I wrote you in regard to my mare that had a lame ankle. A few days after writing for Book, she kicked over a box stall door and caught and bruised the leg badly. She was very lame and two small open wounds near the hock joint developed which mattered. I used several kinds of treatment and finally decided on "Save-The-Horse" Remedy. Your ointment stopped the discharge and the "Save-The-Horse" completed the cure. I farmed with her all summer, and she is now working on a thirty mile mail route.

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

VETERINARY DEPARTMENT

Edited by DR. GEO. H. CONN

DOG DOESN'T BARK

We have a collie dog about six or eight months old and would like to know if there is anything wrong with him as he never barks. He hears all right, because when ever there is any noise or anyone knocks up goes his ears, but he never barks. Can you tell us what is wrong? Our neighbors say he will bark after he grows older, but it seems strange for a healthy dog not to bark—Mrs. K., Coloma, Mich.

WHILE I have never known a healthy dog that could not bark this would be possible; give him time. Most dogs as you know, bark too much. Following throat trouble some dogs do not bark for some time but as a general thing this comes all right. Possibly this dog will come alright in time.

HORSE COUGHS

I have a horse 7 years old that started coughing last spring and we have tried most everything but without results. The horse eats very good but if he eats too much he puffs or breathes heavily. The doctor said he nearly had pneumonia last spring. Please send me a recipe for the medicine if there is anything that can be done.—B. W., Mayville, Mich.

YOU should be as careful as possible with this horse and do not permit him to overeat, especially of hay. This will bring on this heavy breathing and nothing but careful feeding will prevent it. For the cough you might try the following: Have your druggist dissolve 2 drams of potassium dichromate in 1 pint of fowlers solution of arsenic. Give 1 tablespoonful of this night and morning on the ground feed for one month. Discontinue for one week and then continue as before if necessary. Water and feed often but not in great quantities.

OUR BOOK REVIEW

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

The Trouble Maker.—By E. R. Eastman. The milk strike in New York State in 1916 which resulted in the formation of the Dairymen's League is the rather unusual subject of this story. The novel is full of life and action and the court scene at the trial of the hero—"the trouble-maker"—is both dramatic and amusing. There is much homely fun and entertaining talk throughout the tale, there are comical incidents at the circus and the county fair, and in addition the author succeeds admirably in his purpose of showing the real importance and significance of the co-operative movement by his lively story of the Dairymen's League fight for fair prices. Price \$2.00. Published by The Macmillan Company.

Definition

"What is an oyster?" the teacher asked a small boy.
There was a painful pause, and then:
"An oyster is a fish that is built like a nut, miss."

Important If True

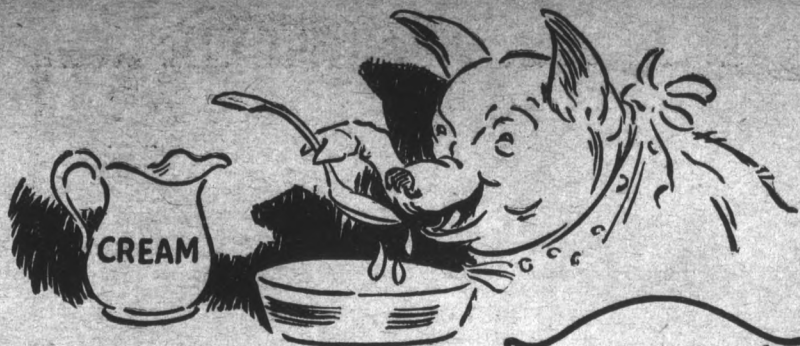
Clerk: I've made a great discovery, sir.
Grocer: Well, what is it?
Clerk: I've found out that the heavy end of a match is the light end.—The Progressive Grocer.

NEW INVENTION SAVES MILLIONS

A Lamp that Burns 94% Air.

A new oil lamp that gives an amazingly brilliant, soft, white light, even better than gas or electricity, has been tested by the U. S. Government and 35 leading universities and found to be superior to 10 ordinary oil lamps. It burns without odor, smoke or noise—no pumping up, is simple, clean, safe. Burns 94% air and 6% common kerosene (coal oil).

The inventor, J. G. Johnson, 609 W. Lake St., Chicago, Ill., is offering to send a lamp on 10 days' FREE trial, or even to give one FREE to the first user in each locality who will help him introduce it. Write him today for full particulars. Also ask him to explain how you can get the agency, and without experience or money make \$250 to \$500 per month.—(Adv.)



Do You Feed Your Hogs Cream?

OF course you wouldn't do so knowingly—with butter-fat worth 40c to 50c a pound. Yet hundreds of thousands of people are feeding large amounts of cream in skim-milk to their hogs, because of inefficient separators.

Without a cent of expense you can tell whether your cream separator is skimming clean. Ask your De Laval Agent to bring out a new De Laval and try this test:

After separating with your old separator, wash its bowl and tinware in the skim-milk. Hold the skim-milk at normal room temperature and run it through a new De Laval. Have the cream thus recovered weighed and tested. Then you can tell exactly if your old machine is wasting cream, and what a new De Laval will save.

The new De Laval has the wonderful "floating bowl"—the greatest cream separator improvement in 25 years. It is guaranteed to skim cleaner. It runs easier with milk going through the bowl, and lasts longer.

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If you milk five or more cows, a De Laval Milker will soon pay for itself. More than 35,000 in use giving wonderful satisfaction. Send for complete information.

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An Accredited Chick Is A Better Chick

Every Michigan State Accredited Hatchery has had all its flocks individually inspected by the Michigan State College. All male birds have been individually leg banded with a State sealed and numbered leg band. Parent stock of all accredited Chicks is pure-bred and free from all major standard disqualifications. All breeders approved are true to type and color of parent stock. All with low vitality or disease have been removed.



A Michigan Accredited Chick Is The Best Chick

"Michigan State Accredited" in the advertising of Michigan Accredited Hatcheries is your guarantee of the truthfulness and reliability of the advertiser's statements.

Such advertising has been approved by the Michigan State Poultry Improvement Association and by the Michigan State College.

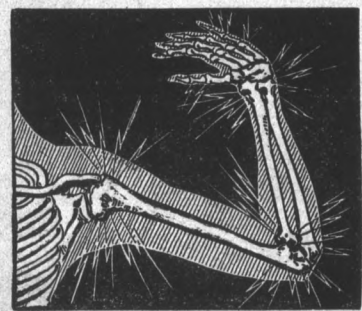
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J. A. HANNAH, Secretary
Mich. State College, East Lansing, Mich.

Rheumatism

A Remarkable Home Treatment Given by One Who Had It

In the year of 1893 I was attacked by Muscular and Sub-Acute Rheumatism. I suffered as only those who are thus afflicted know for over three years. I tried remedy after remedy, but such relief as I obtained was only temporary. Finally, I found a treatment that cured me completely and such a pitiful condition has never returned. I have given it to a number who were terribly afflicted; even bedridden, some of them seventy to eighty years old, and the results were the same as in my own case.



"I Had Sharp Pains Like Lightning Flashes Shooting Through My Joints."

I want every sufferer from any form of muscular and sub-acute (swelling at the joints) rheumatism, to try the great value of my improved "Home Treatment" for its remarkable healing power. Don't send a cent; simply mail your name and address, and I will send it free to try. After you have used it, and it has proven itself to be that long-looked-for means of getting rid of such forms of rheumatism, you may send the price of it, One Dollar, but understand I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer, any longer, when relief is thus offered you free. Don't delay. Write today.

Mark H. Jackson, 86-M Durston Bldg., Syracuse, N. Y.

Mr. Jackson is responsible, above statement true.

WHEN WRITING ADVERTISERS
MENTION THE MICHIGAN BUSINESS FARMER

EGG YIELD GUARANTEED TO DOUBLE IN A WEEK

Many things have been advertised to make hens lay, but W. B. Mack, the widely known poultry advisor, is the first to ever offer a premium for hens that won't lay satisfactorily after using his simple system.

Mr. Mack, whose advice has been followed successfully by thousands, recently made the following statement: "I believe that any poultry raiser can double or triple his egg yield within one week by following my simple system and adding certain elements to the feed or water. In fact I am so sure of it you can tell the public I will send full instructions and a package of ingredients, usually sufficient to get at least 600 eggs, to anyone who will write me."

Poultry raisers who want many times more eggs need not send any money but merely name and address to W. B. Mack, 338 Davidson Building, Kansas City, Mo. Full instructions and package of ingredients will be sent by return collect on delivery mail for only \$1 and postage. If at the end of one week you are not getting at least twice as many eggs, or if not satisfied for any reason, Mr. Mack will not only return the purchase price on request, but will also pay you an extra quarter for your trouble. Mr. Mack is absolutely reliable, and his sincerity is proved by his offer to actually pay a premium to anyone who is not more than satisfied. (Adv.)

LOOK!

Free chicks with advanced orders. 15 varieties 9c up. Every hen tested for production and standard qualities. Get our free circular
LAWRENCE HATCHERY, R7, Grand Rapids, Mich.

WHITE LEGHORN CHIX

CERTIFIED OFFICIAL EGG PRODUCTION QUALITY

IMPROVED ENGLISH-HOLLYWOOD AND TANCRED LEGHORNS
OF 250-300 EGG FOUNDATION BREEDING

Grandview Chicks for 1926 possess the rich production inheritance of our official contest winners. Our breeding methods assure you of strong sturdy chicks that will grow rapidly and develop uniformly, maturing at the proper age when they have attained the best physical development to support their high production breeding.

Let us mail you our catalog and prices. 100% live arrival guaranteed.

GRANDVIEW POULTRY FARM, Inc., Box B Zeeland, Mich.

UNDISPUTED S.C. WHITE LEGHORN SUPREMACY!

PROFITS · BIGGER · BETTER · BEST!
TOM BARRON PIONEER CHICKS

We carry only a full blood line!
STRONG · VIGOROUS · HEALTHFUL
· HEAVY LAYING ·
Summer and Winter
Our Literature Tells The Story
PIONEER POULTRY FARMS
HOLLAND, R. R. 10, MICHIGAN.

HOLLAND HATCHERY

It will pay you to investigate one of Michigan's oldest and best hatcheries. Eighteen years' experience at your service. Every chick hatched from carefully selected, rugged free range breeders. Every breeder officially passed by inspectors from Michigan State College. Absolute satisfaction in the hands of our old customers has necessitated increasing our capacity. **WHITE LEGHORNS**, Large Type English, Special Mated American Barred Rocks, **ANCONAS S. C. R. I. REDS**. Buy your Michigan State Accredited chicks from an old reliable concern with an established reputation for square dealing. 100% live delivery. Get our valuable Free Catalog before placing your order.
Van Appledorn Bros., R7-B, Holland Hatchery & Poultry Farm, Holland, Mich.

WASHTENAW Baby Chicks

BLOOD TESTED BABY CHICKS MICHIGAN ACCREDITED

We have not only selected our breeding stock and mated our birds for best results, but we have joined the Michigan Accredited Association. An inspector from the Agricultural College approves every bird. We blood test and can furnish chicks guaranteed to be free from disease. Write for literature and price list. Our chicks cost no more and you can feel safe. 100% live delivery. Write today.
Get Your Order Booked Early.
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WASHTENAW HATCHERY, ANN ARBOR, MICHIGAN.

One of our 200 EGG STRAIN LAYERS

Downs Strain White Leghorns

have been bred for egg production for nineteen years. They are great winter layers. Many of Michigan's largest egg farms purchase their chicks from us each year. One reports 64% production in November from 775 pullets. Our flocks, hatchery and chick are all accredited by Mich. State Poultry Improvement Assn. and Mich. State College. Write for our free catalog today. Prices reasonable.
W. A. DOWNS POULTRY FARM, R.F.D. 2, Washington, Mich.

UNUSUAL WHITE LEGHORNS

OHIO ACCREDITED CHICKS

THEY COST NO MORE AND YOU CAN FEEL SAFE

Our chicks are from leg-banded stock selected by experts, trained and approved by Poultry Department, Ohio State University. You can feel safe for you know every chick is up to standard set by University for breeding and egg production.

SEND FOR OUR BIG CATALOG It tells all about our pedigreed males and special pen matings. Also gives details about our high producing utility birds. Prices reasonable.
Write today. **WOLF HATCHING & BREEDING CO., Box 32, GIBSONBURG, OHIO**

Ha! Ha! Look!

which will give you large, sturdy chicks, and make you profitable layers. 14 leading varieties hatched in the world's best Mammoth incubator. Free circular.
BECKMANN HATCHERY, 26 E. Lyon, Grand Rapids, Michigan.

Wingarden Strain

WHITE LEGHORN BABY CHICKS

TANCRED-HOLLYWOOD-BARRON
Strains. Egg Bred for 20 Years.

270 Egg Average of 5 Hens at the Michigan International Egg Laying Contest 1925

In the Michigan 1925 International Contest 5 of our hens laid an average of 270 eggs; more than any 5 hens of 99 other breeders there. We hatch four popular breeds. S. C. White & Brown Leghorns, Anconas, and Barred Rocks. 10% Discount on early orders.

1926 Catalog FREE. Descriptive, instructive, informative. Now ready. Send for your copy.

WYNGARDEN FARMS & HATCHERY
Box B, Zeeland, Mich.

BIG VIGOROUS HEALTHY PURE-BRED BABY CHICKS

The kind that live and lay and produce profits. We breed only the English Type S. C. White Leghorns Mich. State Accredited. Big, deep bodied birds with wide backs—the kind that produce the large, white eggs. Bred for Size, Type and Eggs since 1910. Wolverine Leghorns are frequent winners in egg laying contests. All our breeding pens are headed by males of known high egg production ancestry. Our 16 years experience in hatching and shipping will benefit you. Get our 1926 catalog before you buy. We guarantee 100% Live Arrival.
WOLVERINE HATCHERY & FARMS, R. R. 2, Zeeland, Mich.

The Experience Pool

Bring your everyday problems in and get the experience of other farmers. Questions addressed to this department are published here and answered by you, our readers, who are graduates of the School of Hard Knocks and who have their diplomas from the College of Experience. If you don't want our editor's advice or an expert's advice, but just plain, everyday business farmers' advice, send in your question here. We will publish one each week. 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.

BLACK HEAD

DEAR EDITOR: In the poultry department of almost every farm paper, we often see letters from turkey owners complaining of a disease called "black head." The symptoms vary a little, but the results are about the same—turkeys die. The disease spreads, and no wonder those who love to raise these beautiful birds get discouraged. No breed seems to be immuned. It attacks all varieties.

I believe I can help somebody a little. In years past I raised turkeys and chickens. This trouble caused the loss of some of my finest turkeys. At last I seemed to conquer it. I would like to tell my simple home remedy that cured some very sick turkeys for me. The birds were nearly mature, but I would keep losing.

I took a half teacupful of sour buttermilk, put into it two table-spoonsful of charcoal taken from wood ashes in the kitchen range, and pounded fine so no pieces were larger than grains of corn. I added a generous sprinkle of red pepper, and enough bread crumbs to make a soft mash, easily swallowed. The turkeys were very weak and had eaten nothing for days. I could easily catch them. They seemed past cure. I handled them gently and put this dose down their throats carefully, a small mouthful at a time, three times a day. I placed them in a fenced lot by themselves, and placed clean water so they could get it. In a few days they began to look around for food. Then I dosed them but twice a day and gave them bread crumbs and a little corn. As they grew better I dosed them but once a day. At the end of a week they seemed well, only very thin in flesh. They grew to be thrifty, fine birds, never had the trouble again and lived many years. It costs very little to try this—no poison and no danger at all.

Turkeys should never be allowed to roost in closed buildings nor with chickens. Little shelter is needed except when they are small, and then shelter should be airy. Just shelter enough to keep them dry if a rainy time comes. A fenced orchard is fine during the breeding season. If quills of one wing are shortened about half they will not fly, but low roosts should be provided so that they can not get hurt coming down mornings. I believe, too, that if a mash feed mixed with sour buttermilk, some charcoal and pepper, is given them three times a week it will go far toward preventing disease. Never over feed. Give just about as much as they can clean up in twenty minutes. Do not make a sticky mash that will pack into a solid mass, and make them crop bound. The same rules applies to chickens also. Let all birds have clean water at all times, and scald out the drinking dishes often.

Turkeys are fine insect destroyers. No food is better for them than crickets and grasshoppers. When these are plentiful you need not bother about other food. Mrs. Florence Howard.

TAR THE MITTENS

CRUDE pine tar smeared on the husking mittens several times during the day will make them last longer as well as help the husker jerk the shucks. Excepting in wet weather, well tarred mitts should last about twice as long as those without tar. Enough thick tar to cover the thumbs and palms and then a layer of dirt to absorb the stickiness will make a surface on the mitts that will wear well and also be rough enough to pull the shucks quickly. A set of thumb stalls of heavy outing flannel or light canvas are mighty handy if a mitt should rip or wear out more quickly than usual.

MARKET FLASHES

Speculators Continue Active in Wheat Market

Cattle in Demand and Bullish Tone To Hog Market

By W. W. FOOTE, Market Editor.

THE new year, 1926, has started happily for most of us, following a twelve month period that was an improvement on the year 1924. The daily papers have printed page after page of information about the great achievements of city and farm folks, and the one great point made is the country is the most prosperous one in the world. Undue prominence has been given to the bad luck of some of the Iowa farmers, and leading banks have gone on record as stating unequivocally that banks in most part of that state are in good shape and are prepared to do their full part in helping their farm patrons by making needed loans at comparatively low rates of interest. Our Michigan farmers do not need to be reminded that within a short time wheat has made a fine record by selling not far below the \$2 mark, an achievement extremely satisfactory to all of them, and even corn has at last undergone a good advance, brought about very largely by the efforts of legislators to take government measures for the purposes of reducing the supply in sight and helping the farmers to dispose of their too large surplus after feeding their live stock. It seems probable that the average farmer in planning his acreage of the different feed grains will try to arrange for feeding the most of these crops and have less for sale than heretofore. The winter wheat acreage has been estimated by the Department of Agriculture as 1 per cent smaller than a year ago, but there seems to be no need of restricting the wheat area, although no one can tell what other wheat producing countries will do in seeding wheat and the other cereals. Our rye acreage has been estimated at 3,426,000 acres, suggesting a reduced crop. Hay, potatoes, butter and eggs are bringing good prices, and poultry is selling well. During the Christmas and New Year holidays prime turkeys sold in the retail Chicago markets as high as 60 cents a pound.

Gross Values of Grain

Official estimates of values of farm crops by the Department of Agriculture, show that despite increased production of grain crops in the United States during the past year, the gross value was \$708,000,000 less in 1925 than in 1924.

The gross value of grain crops for 1925 is placed at \$3,810,713,000 compared with \$4,518,716,000 in 1924. The largest deficit is in corn, of which 2,900,581,000 bushels was produced the past year compared with 2,312,745,000 bushels in 1924, but the gross value of which is estimated at \$1,956,326,000 for 1925, compared with \$2,270,564,000 in 1924.

Speculation in Wheat

Speculators are big traders in the Chicago wheat market, and this important grain continues to attract far more interest than the other cereals on the Chicago Board of Trade. As is usual when trading is on a large scale, fluctuations in prices are correspondingly wide, and weekly spreads in quotations are extremely large. Wheat has been selling around prices not much different from those paid a year ago, being much higher than several months ago, when the price hung about \$1.50, but \$2 wheat now looks some time off, despite the bullish statistical showing of crops and promised demands of importing countries. New wheat has been selling around \$1.81, while sales for May delivery were made of corn at 87 cents, comparing with \$1.28 a year ago, talk of proposed legislation having put prices higher. High grade wheat comes high, and a short time ago a Chicago mill bought 10,000 bushels of 15 per cent protein hard winter wheat to come to Chicago at equal to \$1.96 a bushel. It is interesting to recall that wheat advanced 25

cents during the last two weeks of December, and ultimately much higher prices are expected. Canada has liberal amounts of exportable wheat, but the supply in the United States is light. May-oats sell around 46 cents, comparing with 62 cents a year ago, and May rye at \$1.13, comparing with \$1.54 a year ago. Low prices for feed grains tend to bring about larger consumption on the farms than usual. Cold weather has improved corn grading, and Missouri River market report a good demand for corn to move south, southwest and west. Because of the injury to the wheat crop of Argentina, Europe will have to import Canadian wheat extensively.

The visible wheat supply in this country amounts to 50,425,000

ers have advanced materially in recent weeks, and are in fair demand at \$5.50 to \$8.50, largely at \$7 to \$8, and no good lots went below \$7.25. Country buyers looking around for good feeders have to face lively competition from the packers who are buying good steers carrying a moderate amount of beef, and numerous good feeders are being slaughtered, thereby cutting into the future beef supply. Recently the demand has shown a marked preference for yearlings and light weight steers, and at times when prices were lower these sold off less than weighty steers. Calves have had a good outlet at \$7 to \$13.50 per 100 pounds, and milkers and springers are having a good sale at \$50 to \$100 per head, buyers making their purchases mainly at \$65 to \$80.

Bullish Hog Market

Thus far everything has favored owners of hogs, and it looks strongly like a prosperous year, following last

making hogs fat and heavy. This is being done so generally that the offerings of light weight hogs are much too limited to satisfy the demand, and for several weeks these offerings have sold at a remarkably large premium. Hogs selling far higher than in most former years. One year ago they brought \$7.85 to \$10.85, and two years ago \$6.20 to \$7.25.

Charles Mallory, regarded as an authority, says:

"I have advocated sticking to the hog business for more than a year and still believe the raising and feeding of hogs will solve more of the financial problems for the farmers than any other one thing they can do. The good corn crop and the favorable ratio between corn and hogs, have given us hogs of better quality and weights than we have had for some time, and with such a good demand from all quarters the market is giving a good account of itself, and the outlook is still encouraging."

Lambs and Radio

Here is a warning to sheepmen that should be heeded. It comes from the Wool Growers Commission Company of Chicago: "We believe our friends located tributary to this market are making a serious mistake by loading stuff on information they get over the radio. For instance, last Monday the government estimate was only 9,000 for Tuesday. This was broadcast about noon. Now it is dollars to doughnuts that over a hundred shippers, hearing of the light estimate, loaded their lambs on cars and sent them in. The result was a run of 20,000 here Tuesday instead of the estimated 9,000. While the government is doing well and guessing it pretty closely, yet mistakes are made, and you shippers are only making it worse by trying to get here when the estimate is light. It would be better to call up your commission man and get in touch with him rather than trust the radio. The radio is all right for market information but when it comes to supplies, cut it out."

Bull Corn Item

The International Harvester company offers to trade implements to farmers for their corn.

Alexander Legge, president, announced that in the belief that corn will go to or above \$1 a bushel within the next six months, and in the hope that his organization's action will help to restore confidence throughout the corn belt, the Harvester company has authorized its dealers all over the country to accept any merchantable corn in payment for farm implements on the basis of No. 2 corn at \$1 a bushel, Chicago market.

If corn goes above \$1 a bushel before the farmer is called upon to deliver it next May, June, or July, he can sell it elsewhere and settle for his implement purchases in the regular way.

According to Mr. Legge's plan, the corn is to be delivered either at the local elevators or f. o. b. cars at the dealer's station. The farmer will be given thirty days' notice of the time when he is to deliver the corn.

WHEAT

Receipts were rather heavy last week and prices declined some toward the close. However, dealers in general are of the opinion that receipts will show a sharp decline in the near future and prices advance. There is quite a feeling that prices will go to \$2 and any weakness in prices brings out plenty of buyers.

CORN

Corn has been showing independent strength recently with weather hindering marketing. Many expect to see May corn go to \$1 per bushel.

OATS

A quiet and firm oat market is reported, and the Detroit market closed last Saturday with prices slightly higher for the week.

M. B. F. MARKETS BY RADIO

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

bushels, comparing with 91,492,000 bushels a year ago; that of corn 17,801,000 bushels, comparing with 18,573,000 bushels a year ago; that of oats 63,187,000 bushels, comparing with 72,123,000 bushels a year ago, and that of rye 12,792,000 bushels, comparing with 21,099,000 bushels last year.

Good Demand for Cattle

Average cattle prices in the Chicago stock yards are remunerative for stockmen, although the extremely high sales in November and December are no longer seen. On the other hand, the common to fairly good cattle are selling quite well most of the time, and prices for beef steers have been at a much narrower range, with the bulk of the sales lately at \$8.25 to \$10.50 per 100 pounds. The choicer lots of heavy corn-fed steers and fat light weight yearlings have sold of late at \$10.25 to \$11.50, with good steers selling for \$9.50 and upward and ordinary to fair light steers at \$7.25 to \$8.25. A year ago beef steers were sold for \$6.40 to \$12, ten years ago at \$5.60 to \$9.85 and fourteen years ago at \$4.75 to \$8.55. Stockers and feed-

year's substantial profits. To begin with, the new year started off with a serious shortage of young hogs and pigs, and in addition to this, the demand for lard is so great that stocks of that important staple decreased in western packing points last month 3,039,000 pounds. Then there is a great call for fresh pork products, and increased consumption of pork chops and roasts go far to offset the increase in December of 23,473,000 pounds of cured hog products. One of the big strengthening factors in the hog market is found in the unusually large demand in the Chicago market for the choicer class of hogs of the lighter weights to ship to the eastern packing points. On a recent Monday around 60,000 hogs arrived in the stock yards of that city, and purchases made for eastern shipment aggregated 20,558 hogs. Recent good advances in prices have occurred, placing quotations on a far higher level than in most recent years, and looking ahead, it may be said that further up-turns are expected. Receipts are running much smaller in numbers than a year ago, and there is every encouragement for

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

	Detroit Jan. 11	Chicago Jan. 11	Detroit Dec. 28	Detroit 1 yr. ago
WHEAT—				
No. 2 Red	\$1.92	1.88	\$1.93	\$1.98
No. 2 White	1.93		1.94	1.99
No. 2 Mixed	1.92		1.93	1.98
CORN—				
No. 2 Yellow		.84½		
No. 3 Yellow	.83		.81	1.29
OATS—				
No. 2 White	.48	.43 @ .43½	.47	.63
No. 3 White	.47	.42½ @ .43	.46	.62
RYE—				
Cash No. 2	1.05		1.09	1.51
BEANS—				
C. H. P. Cwt.	4.65 @ 4.70		4.75	5.90 @ 6.05
POTATOES—				
New, Per Cwt.	4.30 @ 4.50	4.05 @ 4.25	3.70 @ 4.00	1.00 @ 1.06
HAY—				
No. 1 Tim.	24.50 @ 25	25 @ 27	24.50 @ 25	18.50 @ 19
No. 2 Tim.	21 @ 22	21 @ 24	21 @ 22	16.50 @ 17
No. 1 Clover	20 @ 21	22 @ 24	20 @ 21	15 @ 16
Light Mixed	23 @ 23.50	25 @ 26	23 @ 23.50	17.50 @ 18

Monday, January 11.—Large receipts weaken wheat market. Corn steady. Oats quiet. Potatoes firm. Butter and eggs in demand.

RUB-NO-MORE



OATS

SENSATION—One of the most productive oats in cultivation. 75 Bushels and upward per acre are frequent with large white meaty grains, weighing 44-46 lbs. per measured bushel of the highest quality. Seed furnished as low as 60c per bushel in quantities. You should by all means try these oats. Send for sample and circular.

THEO. BURT & SONS, Box 150, Melrose, Ohio.

Gland Extracts Start Hens Laying in 24 Hours



At last science has found the way to reach the OVARIAN or EGG PRODUCING gland of hens and stimulate the production of eggs—almost overnight! This new discovery makes hens lay as never before thought possible. Now every poultry raiser can quickly and easily double his profits by doubling his egg yield.

You have heard of gland extracts and vitamins for human beings and the marvels that science has accomplished. Now, the Poultry Vitamins Company has developed a tablet for poultry with truly amazing results. For hens have glands, just like humans. Hens need vitamins, too. And these tablets contain both these precious energizing substances that act upon the vital organs of fowls.

5 Times the Eggs

Eggs! Eggs! And still more eggs—even in coldest weather! Just crush a few TABLATED VITAMINES in the drinking water. Then watch the action! Government station reports that hens fed vitamins laid 300 eggs. The ordinary hen lays only 60. Think of it! Five times the eggs! Five times the profit!

30 Eggs Instead of 6

"The tablets did wonderful," writes Mrs. H. D. McReynolds, of Adairville, Ky. "I was not getting a half-dozen eggs a day from a flock of 60 hens. Since feeding them only one week my hens have increased to 30 dozen eggs." Again, 5 times the egg yield! Did you ever hear of anything like this before?

Eggs-Eggs-Eggs

Yes, lots of eggs, fine healthy chicks, and prosperous flocks without fuss or bother. Turn your layers into busy layers. Double your egg profits. What others are doing, you, too, can do. TABLATED VITAMINES combines real gland extracts and vitamins with astonishing results in egg production and general health.

\$1.00 Package FREE!

Don't send any money. Just fill in and mail coupon below. The Poultry Vitamins Company will send you at once TWO regular one-dollar packages of TABLATED VITAMINES. Pay your postman only \$1, plus 17c postage, when he delivers BOTH packages. The extra dollar package is given without cost.

Results Guaranteed

Don't wait. Take advantage of this offer today. The Poultry Vitamins Company absolutely guarantees satisfaction or money back. You can't lose. Get dozens of eggs right now! Mail coupon below this minute.

Send No Money

Poultry Vitamins Company, Dept. 584A, 837 Spruce St., Philadelphia, Pa.

Send me TWO regular one-dollar packages of TABLATED VITAMINES. I will pay postman only \$1, plus 17c postage, for BOTH packages. You agree to refund my money at any time within 30 days if I am not entirely satisfied. If you prefer, you may send \$1 with this coupon and save postage.

Name _____
Address _____

RYE

The price of rye at Detroit is off some compared with quotations in our last issue with the market unchanged in tone.

BEANS

We are very much disappointed with the way the price of beans is going but it is no more than can be expected as long as reports continue to go out advising we have a large increase over a year ago. We do not believe there is a great increase in the total crop and feel sure a close investigation would bear us out in this statement. It must be remembered there were many acres of beans that were not harvested, bad weather preventing, and this is true in other states besides Michigan. Then there were acres and acres of beans stored that were wet and the owners had to rush them to market as soon as they were threshed to prevent them from spoiling on their hands. In fact wet beans have been coming to market at such a rate that elevators, in Michigan at least, have had a real problem to handle them. Of course these beans are heavy pickers and this helps to bring down the total crop of good beans for the year. Choice Michigan beans should be bringing 5 cents a pound today.

POTATOES

There is a fair demand for potatoes at Detroit and the market is firm at a recent advance. Potato growers in this state are not selling potatoes very readily at present and many are putting their crop in storage to sell later. The growers near Traverse City are turning down offers of \$2 per hundred pounds, it is said, and are holding feeling they can get more in the near future. There is some feeling that prices will continue to work higher during this month. February will be uncertain and after that a decline will set in.

LIVESTOCK MARKETS

CHICAGO.—Cattle—Killing quality plain; fat steers slow; steady to 15c lower, best yearlings offered at \$10.75; matured steers upward to \$10.40; some mixed steers and heifers averaging 840 pounds, \$10.25; she stock around steady; bologna bulls around steady to strong; vealers fully steady, mostly, \$12.25 to 13 to packers; outsiders upward to \$14. Hogs—Irregular; opened strong to 10c higher; bulk good and choice, 225 to 300 pound butchers, \$11.70 to 12.10; better grades, 160 to 210 pound average, largely, \$12.10 to 12.50; early top, 160 pound up, \$12.60; 130 pounds up, \$12.85; bulk packing sows, \$9.75 to 10.10; majority desirable killing pigs, \$12.75 to 13; shippers took 8,000; estimated holdover, 13,000. Sheep—Fat lambs generally 25c lower; choice light and handyweight late, 10 to 15c off; yearling wethers and feeder lambs, weak to 25c lower; fat sheep steady; bulk better grades fat lambs, \$15.50 to 16; liberal supply at \$16.15 to 16.25; yearling wethers upward to \$13.60 averaging 97 pounds, Two year olds, \$12.

EAST BUFFALO.—Cattle—Butcher grades steady, cows 15 to 25c lower. Calves—Slow, 50c lower; choice, \$15.50 to 16. Others unchanged. Hogs—Slow, general market steady; heavy \$12 to 12.50; mixed, \$12.50 to 13; yorkers, \$13 to 13.10; light do, \$13 to 13.25; pigs, \$13.25; roughs, \$9.25 to 9.75; stags \$6 to 8. Sheep and Lambs—Active; lambs; 25c higher, \$10.25 to 16.75; yearlings, 50c higher, \$10.25 to 13.75; others unchanged.

FARMERS' WEEK PROGRAM IN HORTICULTURE

THE Michigan State Horticultural Society has laid out a most extensive program for the three-day meeting during Farmers' Week at the M. S. C. when the new horticultural building will be dedicated, and a large attendance is expected. The program is as follows:

Wednesday, February 3, 1926.
Auditorium Horticultural Building
Program of the Michigan State Horticultural Society (Eastern Standard Time).
9:30—"Does It Pay to Prune Mature Apple Trees for Quality Production?", R. E. Marshall, M. S. C.
10:00—"The Relation of Pollution to Fruit Yields", E. C. Autcher, University of Maryland.
11:00—"Makers of Horticulture", F. C. Bradford, M. S. C.

Afternoon
General Program in College Gymnasium.
Thursday, February 4, 1926.
Auditorium Horticultural Building
Dedication Day
9:30—"The Fruit of the Tree", President K. L. Butterfield, M. S. C.
10:00—"High Spots in the History of Michigan Horticulture", Jason Woodman, Paw Paw.

10:30—"The Experiment Station and the Michigan Vegetable Grower", Rudolph Yonkers, Grand Rapids.

10:45—"The Experiment Station and the Extension Service—The Fruit Growers' and Nurserymen's Point of View", George Hawley, Hart.

11:15—"The Greenhouse Industry and the College", Elmer Smith, Adrian.

11:30—"Tendencies in American Agriculture", Charles C. Woodbury, Washington, D. C.

Afternoon

College Gymnasium

2:00—Concert by College Orchestra.
2:20—"The Prospect", President K. L. Butterfield, M. S. C.

3:00—"A Retrospect", L. H. Bailey, Ithaca, New York.

Evening

6:30—Motion Pictures.

7:00—Music—College Orchestra.

7:30—"The Mobile Front in Horticulture", V. R. Gardener, M. S. C.

7:50—"The Necessity of Agricultural Research in the Formation of a National Policy in Agriculture", F. B. Mumford, University of Missouri.

8:30—"A Better Place in Which to Live", F. A. Waugh, Massachusetts Agricultural College.

Friday, February 5, 1926.

Auditorium Horticultural Building
Joint Program of the Michigan State Horticultural Society and Michigan State Nurserymen's Association.

(Eastern Standard Time)

9:30—Nurserymen's and Fruit Growers' Problems", B. J. Manahan, Detroit.

10:00—"The Outlook for Nurserymen for 1926", One Minute Talks by Members.

10:15—"An Analysis of the Apple Variety", V. R. Gardner, M. S. C.

11:00—"The Variety Question from the Standpoint of the Grower", A. J. Rogers, Beulah.

11:30—"The Plant Material Bulletin", C. F. Halligan, M. S. C.

11:45—"The Fruit Growers' and Nurserymen's Short Course", F. C. Bradford, M. S. C.



Week of January 17

THE week of January 17th begins with a day or two of generally fair weather and more or less cold temperatures but rapidly moderating. About Tuesday we look for quite a mild period for the season, misty and foggy weather, as well as general rains or snows in combination with sleet.

All of these conditions may not effect any one place in the state between Tuesday and Thursday but according to the topography of the country and other local conditions these various phases of the weather for this period will be manifest in one way or another. Generally speaking, we are of the opinion that most parts of the state will receive plenty of precipitation during the above mentioned dates.

About Friday or Saturday look for a sudden change to much lower temperatures, possibly a cold wave being ushered in by high winds and fine sleet or snow.

Week of January 24

Cold, fair weather over most parts of the state of Michigan is the general rule to expect during opening days of the week of January 24th. This condition we expect will be especially true immediately after the middle of the week but by Friday there will be a general moderation of temperature and increasing cloudiness.

There will be general precipitation in most parts of Michigan at end of this week as the result of the low pressure area that is expected to move across the northern part of the United States at this time. The state will hardly escape some high winds during latter part of week; however, this may be of a more local character than general.

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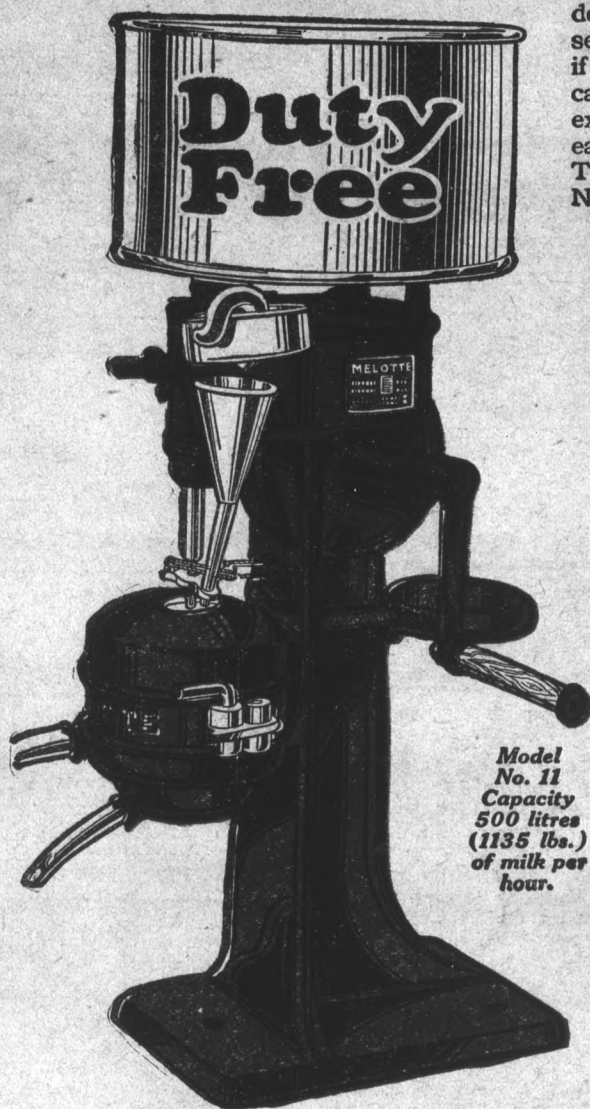
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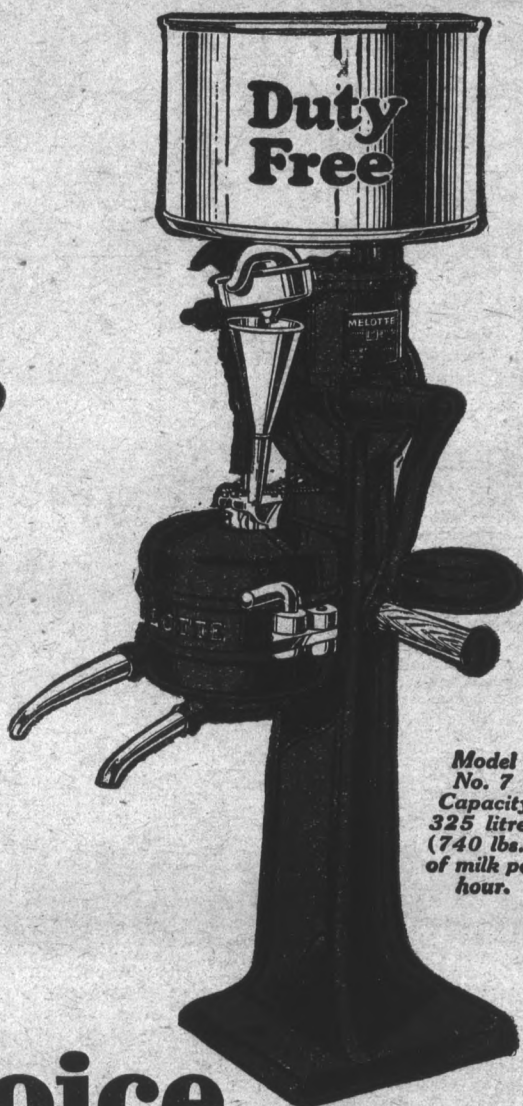
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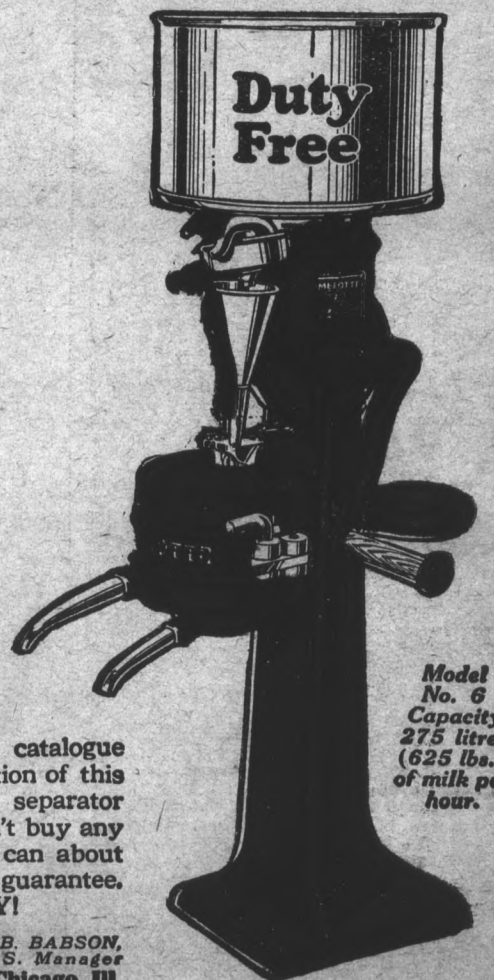
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