

MICHIGAN FARMER

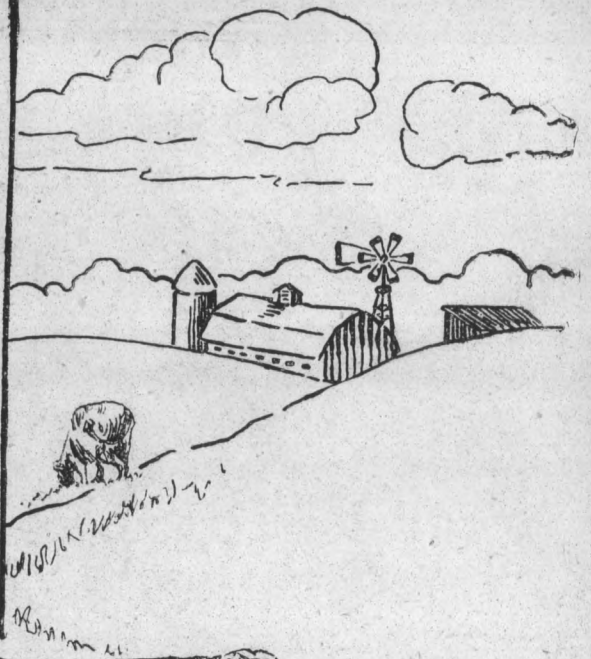
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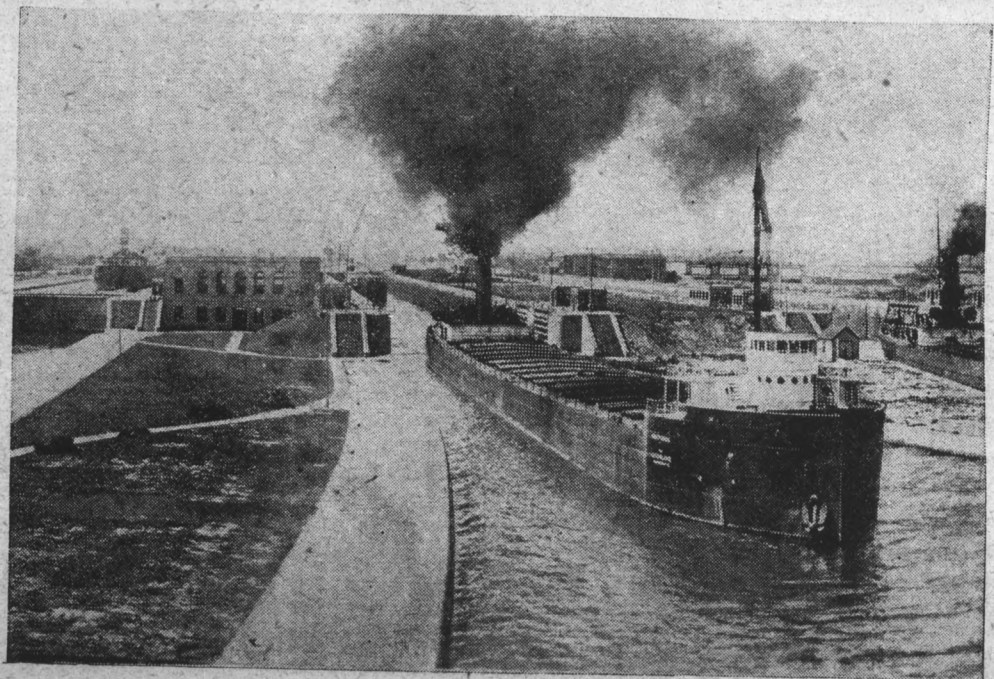
DETROIT, MICH., SATURDAY, JUNE 2, 1928

Whole No. 4815



THE "Big Spring" Kitchitiki, is one of the wonders of America as well as of Cloverland. It is located in the wilds about twelve miles west of Manistique. As one goes out on the raft on this crystal-clear pool he sees at the bottom a fantastic cavern which has for a floor a mass of bubbling white sand. It is not strange that this unique spring is connected with Indiana lore.

Below is a very fine view of one of the engineering wonders of America, the locks at Sault Ste. Marie, considered the world's greatest water gateway. It carries four times as much traffic as the famous Suez Canal. One can spend hours at the locks watching the great water gates open and close and the boats come and go. It is fascinating to watch the commerce of the world go by.



Sow MORE Alfalfa This Summer

Michigan can well afford to increase its Alfalfa acreage. The Michigan State College recommends summer seeding in regions short in Alfalfa.

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News of the Week

General Umberto Nobile, the Italian flyer, in his dirigible Italia, has sent a radio message that he crossed the North Pole about one A. M. May 24th.

The U. S. Secret Service has discovered what may be a \$10,000,000 smuggling ring which has bribed U. S. and Canadian officials. Liquor and drugs were smuggled into the U. S. and industrial alcohol and cigarettes into Canada.

The Michigan State College has taken up the offer of W. K. Kellogg, famous breakfast food manufacturer, to run his 500 acre farm for experimental purposes. Mr. Kellogg will pay all expenses of running the farm which is twenty miles from Battle Creek.

Four mine accidents in a week caused the death of more than 200 miners. A copper mine cave-in at Elko, Nev., killed four and a coal mine explosion at Mather, Pa., took nearly 200 lives. Another explosion caused the death of 13 at Bluefield, and seven or more died as result of explosion at Harlan, Pa.

Col. Charles Lindbergh has become technical chairman of the new Transcontinental Air Transport corporation which will give combined air and rail transportation across the country.

The state hospital at Traverse City owns the Michigan junior butter champion three-year-old Holstein, according to announcement of the Holstein-Friesian association.

President Kenyon Butterfield, of Michigan State College, has resigned and R. S. Shaw, dean of agriculture has been appointed in his place. Butterfield's salary is in force until January 1st.

Dr. Max Mason has resigned the presidency of the University of Chicago to become research director of the Rockefeller foundation in which a fund of \$600,000,000 is available for research to relieve misery.

The total output of automobiles in April was 409,948 as compared to 404,759 in April last year.

Eleven persons were killed at Hamburg, Germany, by the explosion of a large tank of phosgene, a deadly gas, which also destroyed much animal life and vegetation.

The United States has warned the Chinese that safety for Americans in the war area in China must not be interfered with.

The Bremen suffered heavy damage when pilots were trying to make a take-off from Greenly Island. It will be shipped by rail to New York for repairs.

The sale of the Pere Marquette railroad to the Chesapeake and Ohio has been approved by the interstate commerce commission. The merger will make a unified system of 4,936 miles.

The U. S. army has ordered thirty-five bombing planes which will cost \$24,750 each.

The village of Bath, Michigan, observed the first anniversary of its school house tragedy on May 18th.

The Pope has denied King Alfonso, of Spain, the right to divorce Queen Victoria Eugenia. His reason for asking divorce is a physical condition which the queen has transmitted to her children.

In a recent election in Berlin, Germany, separate ballots were made for women to determine how women voted and to what extent they used their right to vote.

A tornado recently blew every house in Thackerville, Texas from its foundation. Thackerville was a town of three hundred.

In Lisbon, Portugal, a bull broke through a fence and attacked an oncoming train which it derailed. The bull was killed.

The Stout Air Service, Inc. has announced a combined air and rail service to southern Ohio. The trip will be by air to Cleveland from there by rail.

President Coolidge signed the bill appropriating \$7,000,000 to combat the corn borer.

The Detroit police has discovered over 200 so-called doctors in Detroit practicing medicine illegally, who have been charging good fees for supposed cures.

Two Chinese papers have printed reports showing that the southern forces have formed an alliance with Japan to fight the northern army. Japan is to have protectorate over the three eastern provinces of Manchuria and has obtained a lease of the port of Tsingtao for ninety-nine years.

Wexford County farmers unloaded four carloads of limestone for use as tonic on acid soils.

An increased use of high analysis fertilizers is reported from Antrim County. Many of the farmers are using 2-12-6 on their seedings, and a great deal of superphosphate is used with general crops.

A reduction in the acreage of radishes grown under contract for seed in Antrim County made it necessary for the growers to substitute another crop. The replacement crop selected was peas. These are grown for seed under contract with the Roach Canning Company.

Alalfa does best when seeded in soil that is firm below but with the surface in good tilth. To make the soil firm it should be plowed long before seeding time and culti-packed liberally.

Many are predicting a short hay crop this year. This is leading the wide-awake farmers to provide substitutes to meet their home needs. Soybeans, Sudan grass, and rape are being used for this purpose.

The secretaries of the Holland and the Berlin fairs in Ottawa County are already preparing premium lists for this fall.



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TO
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VOLUME CLXX

MICHIGAN FARMER

AND LIVE STOCK JOURNAL
PUBLISHED WEEKLY
ESTABLISHED 1843

A Practical Journal for the Rural Family
MICHIGAN SECTION THE CAPPER FARM PRESS

QUALITY
RELIABILITY
SERVICE
NUMBER XXII

Fir Yew I Pine and Balsam

Some Comments on Reforestation

By Harv Hess

"This is the forest primeval
The murmuring pines and the
hemlocks—"

THE above little introduction to this treetise was written by Mr. William Cullen Bryant some one hundred and fifteen years ago, and I'd be willing to bet a cup of coffee that if he had been writing poetry today he couldn't have gotten the inspiration for Thanatopsis simply by looking out his window. Believe me, pine trees, hemlocks, and all the rest of them are becoming few, scarce, and seldom; about the only place you find them any more is in the dictionary.

We in the lower peninsula of the grand old state of Michigan cried our eyes out a few years ago when the last of our stately white pines swayed, toppled, and then crashed in order that the lust of the lumber interests might be appeased. Yet, we stand idly back while they denude our Upper Peninsula. In fifteen short years more, they tell me, there won't be timber enough left to make a crutch. Really, it's serious, although I will admit that there is a tiny ray of hope.

Less than ten miles, as the Ford flies, from my desk there lies a large tract of land known as Orchard Bay Farm. This agricultural enterprise, containing two million acres and two thousand acres, is situated on the shores of Lake Michigan and is owned by a Chicago man who spends his summers here in Charlevoix. Besides maintaining a splendid herd of purebred Holsteins, a huge flock of Shropshires, there is an extensive acreage planted to apple trees.

The manager of this estate is a young fellow whom we will call Ed, for short, though he is anything but short, and one day last summer I drove over for a little visit with him. I arrived just as he was coming out of the house in his swimming suit.

"Hello, Ed!" I yelled, "where are you going in the bathing costume?"

"Me? I'm on my way down to the lake to teach a school of fish how to swim. Want to go along?"

"I'll go down with you, but I won't swim. It's a little early in the week for me. How far is it?"

"About a mile," he answered.

"Jump in my Hopmobile and I'll run you down there."

It was just a narrow trail to the beach, which had to be negotiated slowly, and bisected a strip of land paralleling Lake Michigan. Like so much of the acreage contiguous to the lake, this was barren, sandy soil

incapable of producing crops and with scattering patches of small second growth. If you've ever come up U. S. 31 from the Indiana line to the Straits, you know what I mean.

As we came to a particularly rocky section, which made me appreciate the feelings of a pair of dice as we rattled along, I remarked to Ed out of the side of my mouth that it ought to make a good place to plant rock elm. "It is planted," says he, "but not to elm. You're looking at several hundred seedling white pine trees. Now don't ask me if we're going to raise pineapples."

"Pine trees!" I exclaimed; "you don't mean it. What's the big idea?"

"To try and keep this place from looking like a hen that's moulting. That is one good and sufficient reason."



Ten to Fifteen Years Old

"But, Ed," I asked, unloading for a closer inspection, "will these little six inch plants ever make trees?"

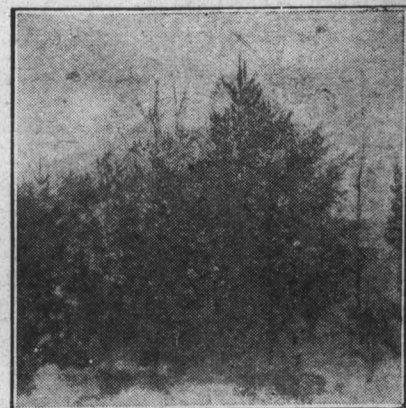
"Will they? Say, I'd hate to have one fall on you twenty-five years from now. These were just set this spring. As we go farther along I'll show you how they develop. This stretch along the lake of two hundred and fifty acres was counted as worthless. It was figured as not having any value even for real estate development purposes. So it was decided a few years ago to start a pine plantation and see what would happen."

"Wait a minute, Ed; I'm no forester. I wouldn't know an ash tree from an ash can. Why did you pick on the pine? Why not maple or whiffle trees?"

"Because the white pine is best adapted to our soil and climatic conditions. The maples are native, too, but they are slow growers. Besides, they are deciduous, which means that the tree leaves in the spring."

"Say that again, will you?"

"I mean that the leaves come out annually. With evergreens, the foliage remaining on all winter, stops most of that cold north wind. You see, practically all plantations are made with a definite object in view. Some for commercial purposes, like posts, or timber, or excelsior bolts; some for windbreaks; and some to enhance the beauty and value of a property. This experiment takes all of



It Has Taken Only Twenty Years to Grow These Trees

them into consideration. Any method followed requires a long time especially if you want to get timber. We have planted over 150,000 white pine trees throughout this piece at different times, beginning twenty years ago, and, as you will observe, some of these larger twenty-years-old trees are, easily, eight inches in diameter. Another ten years and they would produce box lumber."

Really, it was wonderful the way that desolate, unattractive section of land had been transformed into a solid bank of green, towering fully twenty-five feet, and without any artificial appearance whatever; just as though Mama Nature herself had designed it. That lots of time and energy had been expended was evident but the result is a beautiful monument to the man who had the vision and faith to build for future posterity.

Each year more trees are added and those that have died are replaced, with the result that it is just like a
(Continued on page 733)

Michigan Leads in Alfalfa Acreage

And This Year 300,000 More Acres Are to be Added

By H. C. Rather

NOT only are the farmers in Michigan strongly entrenched with the largest acreage of alfalfa of any state east of the Mississippi River, but they will add around 300,000 acres of new seedings of this prized forage to the acreage they now have. Such are the conclusions which are to be drawn from the "intentions to plant," as indicated by several hundred farmers attending the series of eight county Dairy-Alfalfa Campaigns conducted in Michigan since the first of the year.

Of the eight counties in which campaigns were conducted by County Agricultural Agents and specialists of the Michigan State College, Livingston County farmers were growing the greatest acreage of alfalfa per farm. One hundred and fifteen farmers of that county reported that they now have an average of 15.4 acres per farm and are intending to seed an additional six acres. The strong dairy interests of this county, coupled with vigorous campaigning for more alfalfa under the direction of County Agricultural Agent C. L. Bolander of Howell, doubtless accounts for the unusual interest in alfalfa in Livingston County.

Two hundred and eighty-two farmers in Ingham County now have 2,575

acres of alfalfa, or as much as the entire county of 3,400 farmers boasted in 1922. The farm of F. Furman, near Dansville, illustrates the revolutionary changes alfalfa may bring to the individual farm. Several years ago, Mr. Furman took over what was considered the poorest farm in his locality. He opened up a marl bed on the place and limed his fields for alfalfa and sweet clover. Last June, 200 Ingham County farmers assembled on the Furman farm for a hay curing demonstration and saw sixty-five acres of as fine an alfalfa crop as could be found in central Michigan. Mr. Furman's success in gingering up that old, tired out farm has been the talk of the community.

Bay County farmers, from reports coming out of the alfalfa campaign held there recently, are also beginning to go in strong for this legume. New alfalfa acreage will be greater in the low lying fertile Bay fields than in any of the eight counties where campaigns were held, 160 farmers stating they would sow an average of 9.7 acres per farm. These men now have 7.2 acres each, so Bay County is due for a real alfalfa increase.

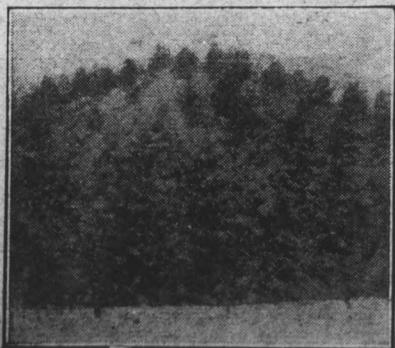
Bay County farmers are also making mighty good use of sweet clover, these same men reporting that they have

5.5 acres per farm, with plans for sowing a similar acreage this spring. Sweet clover is coming strong for pasture and green manure, many farmers sowing it with every grain crop, unless alfalfa happens to be going into that particular field.

From 50 to 200 farmers in Benzie, Manistee, Presque Isle, Oceana, and Calhoun—the other counties campaigned last winter and spring—are now growing from five to twelve acres of alfalfa per farm and will seed from three to eight more acres this spring.

While the winter and cold spring have hurt many alfalfa fields, farmers will continue to increase their acreage. Alfalfa has suffered no more than has wheat, clover, and other fall sown crops, which are always grown despite occasional failures. Alfalfa has now passed way beyond the experimental stage and is a vital part of the Michigan farmer's regular crops program.

As C. R. Claffin, a seventy-five acre alfalfa grower near Charlotte, says, "My alfalfa was hit by the winter, some of it pretty badly, but I'm going after it just as strong as ever. Some of my alfalfa stands were seven years old, and came through fine each season for so many years. I need alfalfa
(Continued to page 731)



Up to Ten Years Old

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 home problems.

VOLUME CLXX NUMBER TWENTY-TWO

DETROIT, JUNE 2, 1928

New Ex-
perimental
Farm

NEWS from East Lansing indicates that the Michigan State College and W. K. Kellogg, the famous food manufacturer of Battle Creek, have gone into "partnership" on his 500 acre farm twenty miles from Battle Creek.

The college will plan and carry out the experimental work while Mr. Kellogg will furnish the farm and pay its running expenses. By this arrangement, Mr. Kellogg has made a real contribution to Michigan agriculture for this commodious and well equipped farm will be available to the state experimenters for the solution of various Michigan farm production problems. His proposal to pay the running expenses of the farm shows a real public spirit.

Mr. Kellogg has made a fortune by buying farm products, preparing and packing them in attractive and convenient form for the consuming public. Perhaps Mr. Kellogg, realizing that farm products have been the basis of his success, is showing his appreciation by this arrangement with the M. S. C. experiment station.

Vetoes
Farm Relief
Bill

IN accordance with common thought, President Coolidge refused to sign the McNary-Haugen Bill, thus again disappointing many ardent supporters of the measure, but also relieving others of their political obligations who voted for it because there was certainty that it would be vetoed.

The President gave six specific objections to the bill. All of these deal with the fundamental principles on which the measure is based. His objections are:

1. Its attempted price-fixing policy.
2. The tax characteristic of the equalization fee.
3. The wide spread bureaucracy it would set up.

4. Its encouragement to profiteering and wasteful distribution by middle men.
5. Its stimulation of over production.
6. Its aid to our foreign agricultural competitors.

The president further opposed the measure from the standpoint of the American consuming public.

Many of the earnest supporters of this bill realized its imperfections, but thought it should be tried; then, as these imperfections became apparent, they could be remedied. By passing the measure, this group held that the farmer might soon be realizing some of the legislative benefits which other industries now enjoy.

Naturally the middlewest was most disappointed at the President's action, since the bill probably offered greater advantages to the so-called one-crop states than to the farmers of other sections. The matter of deepest concern now is what effect this action might have in the coming presidential campaign.

Shaw Made
M.S.C.
Head

LAST week the Michigan Board of Agriculture took action for at least the seventh time in as many years on the matter of choosing a head master of the Michigan State College. This action, following the acceptance of what amounted to the forced resignation of President Kenyon L. Butterfield, resulted in the election by the Board of Dean R. S. Shaw as President to direct the affairs of the institution.

The uncertainty occasioned by these frequent changes in the directing head of our agricultural school cannot be helpful to the institution. Because of this unrest some good men have quit the faculty. But more than this, the tendency which frequent shifts in management have in weakening the organization, in lowering the morale, in breeding discontent, in divorcing the College from public support and in making the institution the laughing stock of the state, this tendency is serious, especially with an institution that has so much important work to do as has the Michigan State College.

The members of the State Board of Agriculture are responsible for this situation. They have no alibi. They have not been hampered, nor dictated to, being an elective body. Their vacillating attitude has proven expensive to an institution that is exceedingly valuable, not alone to those living on our farms, but to all the people of the state.

We all have confidence in Dean Shaw. He is capable, knows the College and its purpose. He has, we believe, the support of the faculty and the men who are representing the College over the state. It is our sincere hope, therefore, that the State Board of Agriculture may see fit to adopt promptly a defensible policy with respect to the College and then give continuous support to President Shaw in carrying it out.

Home
Versus
Automobile

EQUIP for safety and act safely was a slogan adopted by the Michigan Safety Council with Governor Green as chairman, and emphasized in these columns last week. This safety program of the Council refers only to the prevention of automobile accidents but, judging from a report of the National Safety Council, this slogan should be posted on the walls of every home. The National Council is authority for the statement that home accidents occasion more deaths than motor accidents, figures for January of this year being 2,020 and 1,760 respectively.

The most numerous causes of home accidents were falls, burns, and scalds, asphyxiation, and suffocation,

and poisons. The majority of fatal falls were among persons sixty-five years of age or over. Burns probably cause twenty per cent of accidental deaths in the home, with young children as the most frequent victims.

Safety, like charity, should begin at home. Many lives and much suffering would be avoided if we would apply this safety slogan to our homes as well as to our automobiles.

Influence
of Club
Work

THIS is the season of achievement for boys and girls in club work. All over the state, achievement days have been held and some boys and girls are aglow with the results of their accomplishments while others gamely take their defeats and all the lessons taught.

We, of the Michigan Farmer, have been fortunate to attend some of these achievement days. One especially stands out in our minds because it featured a new 4-H club project, that of music. This was the Wayne County achievement day, recently held at Dearborn.

Here were gathered several hundred young folks, happy in their holiday, celebrating their finished projects. The demonstration of the first, second, and third year's work in music was attentively watched. The mass singing of all in attendance showed an unusual knowledge of time and tune.

The making of clothing by the girls gives thought to the improvement of personal appearance, the health contests bring attention to one's physical welfare, handicraft, canning, and other club projects develop the ability to accomplish along useful lines, and music opens to many an entirely new and beautiful outlook upon life.

After a boy or girl has engaged rightly in club work, there is little chance for the existence in that youthful mind of the thought that life is just an existence; but instead, there is likely to develop the idea that life is a tour of discovery where at each turn there is found something beautiful and enjoyable that makes the traveling worthwhile.

In the
Wake of
Industry

DURING those decades when America was endeavoring to establish her industries, the cry was to protect her manufacturers and merchants against foreign competition. The cry brought support to this program. The program was a success. Now we have the greatest industrial development in the world at this or any other period of history.

It would have been possible during the development of American industry to have secured many of the products manufactured at less cost from foreign producers. But the protective tariff system saved the American market to the home industry.

In carrying out this national policy of nursing the manufacturing industries, agriculture slipped out of the picture. At that time the farming business was so husky it seemingly needed no care. It could get on without help.

But now the positions of these two great national activities have changed. The farming business has lost much of its energy while our commercial interests have been enjoying an era of unusual health and activity. And in a general way the disadvantages that faced manufacturing and commerce a half century and more ago, now face agriculture.

Today there is need of a cry to save American agriculture from foreign competition, and to build up the production of crops needed in this country even though these may cost a little more to the consumer than if imported.

For the year of 1927 our imports

of agriculture exceeded our exports by \$70,498,000 and for the previous year the difference in favor of the foreign farmer was \$119,064,000. Last year we imported nearly thirty million dollars more of dairy products than were exported from this country. Also during 1927 five million dollars of potatoes were brought into this country from outside.

Is not one of our major national problems concerned with a broad program of research work designed to increase the variety of products which we can successfully grow on our farms, and also with the protection of these and other products against outside competition? We could go back to the archives of the past century and from them select some of the oratory used then to establish our industries, for the purpose of bringing back health and vigor to American agriculture today.

Fire!!!

WELL, we had a fire the other day, right in the front room over by the north wall. This is the way it happened: You see, it was gettin' pretty cold fer May and as we let the stove fires out we thought it'd be best to bring up some wood and build a fire to keep warm by. So we built it in the fire place and I lit a match—

that's the way the fire started.

You know a fire place is one o' the nicest things to have in a house, 'cause you kin sit there and look at one of nature's greatest forces awork-



in' while you're baking in front and shivers runnin' up and down your spinal cord. But there you're lookin' at the thing that helps to give you life and warmth, and what could destroy you if it got naughty.

But there's somethin' homey settin' lookin' at a fire—it always makes me think about "keepin' the home fires aburnin'." Fire is an interestin' thing 'cause its life in its concentratin'-ness form—it don't destroy—it only changes, just like we eat things and change their form into more life fer us.

Fire is chemical action and that's all life is. Each one of us is just one complicated chemical laboratory and by the looks of some of us, some are doin' a better job that way than others.

Ain't it funny about fire and water—the two most useful things agoin' and the two most dangerous ones too. They're deadly enemies—ain't got no use fer each other. When water gets too close to fire, the fire just simply goes out, and if the fire gets too close to water the water gets hot about it and goes off in a steam. They just simply don't want to stay near each other but we folkses is got the two of them hitched up and doin' lots of things fer us. Steam is nothin' but water what's got mad and is tryin' to get away.

In the old days, fire places used to be in the country only, but since the woods has been cut down them rural fire places is getting scarcer than hens' teeth, but in the city everybody wants a fire place so they kin sit by it watchin' the coal burnin' and thinkin' of how their great granddads used to do. Fire places don't belong to the jazz age but with fire places gettin' more numerous, it's kinda hard to tell if fire places or jazz is goin' to win out. So, I suggest everybody oughto have a fireplace to use, not fer just to say you got one.

It's cold enough fer this subject when I'm writin' it, but I'm hopin' it ain't hot weather when you read it, 'cause it's a kinda warm subject for a hot day.

HY SYCKLE

Big Business Feels Disgraced

American big business turns its back on the Oil Gang. It casts out the men who while conducting a business of \$1,500,000,000 annually, debauched a cabinet officer of the United States and sought to rob its people.

Big business feels it has been disgraced by the predatory oil gangsters and has branded them as outlaws. The spontaneous way this was done attests its sincerity and makes the action all the finer.

* * *

Having cast out these black sheep, the Chamber of Commerce of the United States calls on the stockholders of their respective corporations to complete the job, adopting this resolution:

Stockholders cannot accept the profits flowing from corruption and escape the moral stigma of such profits. Neither can they permit those who act for them to profit personally through corrupt corporate transactions, or shield others who do.

One stockholder did this before the national chamber of commerce had acted. Following the testimony before the Senate committee, John D. Rockefeller, Jr., requested the chairman of the Standard Oil Company of Indiana to resign his office as head of the board.

Later when the younger Rockefeller appeared at the annual dinner of the chamber as a speaker on its program, he was given an ovation of several minutes duration by the assembled leaders of business, and the chairman of the great General Electric Company greeted him as the "exponent and defender of high standards in business and elsewhere."

Then the storm of applause broke.

Usually the annual address of the chairman of the board of the Chamber of Commerce of the United States, is a review of business conditions. This year it was a scathing arraignment of the "shyster" in business. Judge Edwin B. Parker who delivered it called on trade associations "to decline to receive into their ranks, or to expel an individual or an organization that wilfully violates the fundamental principles upon which sound business rests, or that persists in ignoring the decencies of business intercourse, and bespatters all business with the slime of corruption or with the muck of unclean practices."

Could anything be more plain spoken, forceful, and to the point? The response on the part of this convention of more than 2,000 leading business men from all parts of the country was remarkable.

* * *

If we are to keep government out of business, business must be kept out of government. More than that, big business must obey the spirit of the law as well as the letter, if it is to be permitted to exercise the wide powers and the liberties which the people and their government have granted it as a servant of the public.

I am myself a business man, and as a business man and a citizen I think I can say this: Never at any time in the history of the world has business as a whole been conducted fairer and squarer than it is today in these United States. Today business seeks continually for ways to serve the customer as he would be served and at the least possible expense. This is the modern tendency. The reason is that this IS good business and that good business pays because only good business can prosper.

This is true of the individual business man and of the more successful of the great corporations. The crook in business is the exception and ultimately mends his ways or goes broke.

But the crooked corporation is a public menace and must be treated as

such, especially the one which being virtually the sole occupant of its field takes advantage of its powers to exploit the producer or the consumer. These methods oftener are found in promoting and developing, exploiting, or organizing a utility or a trade merger, or other combination.

There is a valid place here for government supervision of business, just as we have government supervision of banks and steam boilers and supervision and government inspection of food. Without these and other forms of government supervision, business itself would not feel safe and often could not prosper.

But on the whole both big and little business is morally healthy and will become more so. Yet the business millennium is by no means here and we do not have to point to Teapot Dome to prove it. There must be some supervising authority somewhere. Where can this authority more

safely and effectively be lodged than in government, the parent corporation, the corporation of corporations, the holding company of holding companies?

If business does not wish to be trammelled in any way, it must prove by good behavior that it does not need watching, that it will ferret out and purge itself of wrongdoers, just as the unethical doctor is cast out by the medical profession and the scamp lawyer disbarred by the bar association.

It is a welcome and a hopeful sign that big business has come to feel that a corporation must have a conscience and use it as well as the individual. And this effect of the Teapot Dome disclosures may be worth all the humiliation they have cost us as a people.

Arthur Capper

WASHINGTON, D. C.

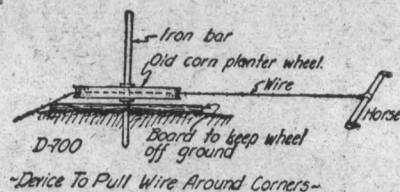
Radio and Lightning

By I. W. Dickerson

MANY readers seem to think that the installation of a radio aerial on a farm home adds considerably to the lightning hazard; but if properly installed, it should make the lightning hazard less rather than greater. In a great many cases, however, the aerials have not been properly put up and do bring greater danger from lightning.

In this question two separate factors must be considered, lightning protection for the set and lightning protection for the buildings. Protection of the set from lightning is comparatively a simple proposition, the chief requisite being a good type of lightning arrester approved by the Underwriters' Laboratories. This is essentially two blocks or points fixed about 1-16-inch apart, so that the lightning surge will jump this gap rather than through the longer and more resistant gap through the set and ground wire to ground. This lightning arrester should be fixed solidly to the window frame, the lead-in brought down and fastened to the upper contact of the lightning arrester, then carried through the insulating tube in the window to the receiving set. From the lower contact on the lightning arrester a heavy copper wire is carried directly down to a good lightning rod ground of some type. On my own set I have an iron pipe driven twelve feet into the ground and the heavy copper wire from the lightning arrester is wrapped round this pipe several times and then soldered.

While this is the standard protection for the set, I feel that a set is



This Simple Device Shows How One Farmer Pulls Wire Around a Corner

much safer if the lead-in from the lightning arrester is run first to a single-pole single-throw switch which can be opened in case of a bad storm. Some go even farther and have a single-pole double-throw switch, so that when thrown one way the lead-in will be connected to the set and when thrown the other way will be connected to a wire running to the lower connection on the lightning arrester and from there directly to the lightning arrester ground. This gives two

paths for any lightning discharge to reach the ground, a light one through the switch to ground, or a heavy one across the lightning arrester gap to the ground.

The aerial itself with its lead-in thus protected does not add anything to the danger to the house; but if either metal or wooden masts are put up either on the house, barn, or other building, they add several feet to the height of the building and if not properly grounded do add considerably to the lightning hazard. If a metal mast is used, a regular lightning rod cable should be soldered or riveted or clamped to the base of it and the cable then carried down to the ground for the lightning arrester or one similar to it. If a wooden mast is used, the lightning rod cable should be run from the top of the mast to the ground. The same arrangement should

be made at the other end if a mast is used on a barn, garage, etc. With my own set I have a 26-foot gas pipe mast on top of my garage with a cable running from bottom of mast and soldered to a good ground at side of garage. I have no mast on my home and so have put no additional lightning rods on it. An excellent farm arrangement is to fasten one end of the aerial about forty or fifty feet up on the windmill tower with a double insulator at the proper place to give the right aerial length, then slope the aerial down and support it from the house roof. This gives practically as strong a signal as though the house end was also forty feet high, does away with the need of mast at either end, and requires no lightning protection whatever, aside from that required for the set.

WATER IN BASEMENT

We have been troubled by having 1½ feet of water in our house basement and would appreciate a method of waterproofing the basement floor and wall to prevent the above stated condition.—L. B.

Water proofing a basement can be done by treatment on the exterior of the wall or on the interior. Treating the exterior is a simpler matter and could, no doubt, be done by a local mechanic. It would be necessary to remove the dirt to the depth of the wall, clean the wall and apply a coating of hot asphaltum; or in case of a smooth concrete wall, it could be cleaned and given a coat of cement plaster.

Tile should be laid entirely around the outside of the footing to catch the water before it has an opportunity to get under the wall.

Waterproofing the interior surface in most cases cannot be accomplished by ordinary methods. It is a specialized engineering problem and requires wide experience and knowledge both of materials and methods. There are companies who make a specialty of this kind of work. While it may be considerably more expensive to have the work done by an outside company, they will give a guarantee and you can be assured of results.

ORCHARD AND GARDEN

POTASH PRIMED PEACHES

MR. F. H. CULBY, an orchardist and peach grower of Berrien County, Michigan, through an experience he had last year, is convinced that an application of potash given his bearing peach trees gave him very good returns. Mr. Culby has eighty-five acres of orchard of which twenty acres are in to peaches. He has a small canning plant through which he can save some of the small and surplus peaches. Last year, he contracted his crop at \$2.50 per bushel for all that ran over two and one-fourth inches in circumference, subject, of course, to the fruit being firm enough to arrive at destination in marketable condition.

In years gone by, Culby had noticed that wherever they put wood ashes around their peach trees, they seemed to get better peaches and during the last seven years, they have fertilized intermittently with sulphate of ammonia. But Culby has been skeptical of fertilizing with nitrogen alone since it seemed to give him mushy peaches that ripened in too short a space of time.

Last year he had a chance to get some muriate of potash at a reasonable price so he applied his sulphate of ammonia, about two and a half pounds per tree, just at blossoming time. Then later, after the peaches were well formed with frost danger

past so he was sure he was going to get a crop—about thinning time—he applied two and a half pounds of muriate of potash about each tree. He left a row of trees that had only the sulphate of ammonia for comparison through the season. The peach orchard was clean cultivated.

At the time the peaches were to be picked, he observed that the peaches where the trees had been potashed, had fruit of a better color, the flesh was firmer, and the fruit did not fall at once—it being distributed more evenly throughout the growing season.

He states that one very noticeable thing was that when there was a wind or other disturbing element, there was nowhere near the "drop" under the potash-nitrogen trees that there was under the nitrogen alone. Last year, on account of the very dry and hot spell which came in September, the nitrogen alone peaches (Elbertas) seemed to be flat on one side while this was not true of the nitrogen-potash trees.

On one Saturday last year, the Benton Harbor market saw such a glut of peaches that they were almost unsalable. Yet at the same time, there was a great scarcity of peaches, the price before and after this date being reasonably good. Mr. Culby believes that potash fertilization on the peach trees, thereby lengthening the ripening season, would have been worth thousands of dollars to Michigan peach growers.—L. J. Mathews.

How \$1.00 Saved a Home

And Assures Aged Parents the Comforts of Life

WHY DO THEY USE THE OIL CAN?

THE sacrifice of human life and the destruction of property by fires caused through the practice of starting or rekindling the fire in a stove with kerosene are of daily occurrence. And this, too, despite the many tragic warnings constantly being recorded in the columns of newspapers everywhere, a few of which may be summarized as follows:

"Burned to death when an exploded while pouring kerosene on live coals;" "Another victim of using kerosene to start the fire;" "Severely burned while lighting the fire with kerosene;" "Mother and children critically burned when exploding kerosene sets fire to the house, which was destroyed, with all its contents."

The fatal mistake of pouring kerosene onto live coals to rekindle the fire in a stove was repeated a few days ago at Grand Blanc, Mich., where George Heck and his wife were critically burned and a ten-year old nephew of Mrs. Heck lost his life.

Fakirs and Swindlers

HAVE agents with get-rich-quick schemes visited you to sell their propositions? If so, we would like for you to send us a letter describing their scheme. These people fear publicity. It destroys their business. So they keep away from us. But in our "Life and Property Protection" program we include the protection of farmers against these swindlers. We are, therefore, soliciting your cooperation that we may warn other readers of the Michigan Farmer to be on guard. If you have received fake schemes through the mails, write us including any literature bearing on the scheme that we may post the rest of our reading family on these attempts to get their dollars.

Mr. Heck poured kerosene into the stove, causing an explosion which ignited his clothing. He and his wife escaped by leaping from a window, but the boy, who was asleep on a cot in the room where the explosion occurred, was burned to death.

Clifford Soule, a young farmer near Emerson, Mich., is in the General Hospital at Saginaw, suffering from severe burns received when a can of kerosene exploded while he was building a fire in the kitchen stove. Following the explosion, the house burned to the ground with all its contents.

BE A GOOD BUT WISE LISTENER

WHEN poultry or stock food agents tell you they have the support of the government or State College, it is time for you to beware before they nick your pocketbook. The State and National Agricultural Departments are always on the job so far as inspecting feeds is concerned and they may go so far as to give their approval of the chemical analysis, if the product really has merit, but it is not to be expected that they will direct the public to buy any particular concoction.

Don't allow anyone to tell you that the Michigan Farmer Protective Service has guaranteed his or her article or that we have given our endorsement in any way. Read all contracts carefully and be sure you understand what you have read before you put ink on paper. The most reputable institutions sometimes make a mistake and hire an indiscrete or crooked salesman who might add anything to the claims of the company to make a sale. The law of the land cannot

(Continued to page 732)

THE FIRST STATE BANK

Camden, Mich.

Feb. 4 '28

Michigan Farmer
8632 Lafayette Blvd.,
Detroit, Mich.

Gentlemen:

Federal Life Ins. Co., Chicago,
Policy No. 788. F 535843 issued
Aug. 16 '27 to Warren Walter DeMuth,
with Mrs. J. W. DeMuth, beneficiary,
Camden, Mich., RFD.

A telegram from P. C. Dillon & Son, Funeral Directors of Cleburne, Texas, was received to-day saying Warren W. DeMuth, the assured under this policy was killed there in a car accident.

We have notified the Federal Life Insurance Co., Chicago, in behalf of the beneficiary and have wired \$340. to cover expenses in connection with this accidental death, to the Home National Bank of Cleburne, Tex., for the funeral directors, and have asked for all particulars concerning the accident.

We are giving you this information in behalf of the beneficiary who is the mother of the deceased and an invalid.

Both parents of the deceased are old and almost penniless. If there happens to be no recovery for them on this policy, this is the final blow to their small dilapidated home. This son was their mainstay. If they are entitled to payment on this policy, it will be a God-send to them.

Yours truly,

B. R. Alward
Cashier.

This Is a Reproduction of Mr. Alward's Letter to Us.

THE 80,000 members of the Michigan Farmer family who have availed themselves of the Michigan Farmer Federal travel accident protection naturally have a common interest in what goes on in the insurance division of our Protective Service.

The miniature reproduction of two letters and Federal Life Insurance Company's check on this page tell a very interesting story, and offer more food for thought to those who have not given consideration to the protection of dependents. As the letters from the First State Bank of Camden, Michigan, state, on August 16, 1927, Warren W. DeMuth of Camden, Michigan, purchased a Michigan Farmer Federal travel accident policy, naming his aged mother as beneficiary in case of his accidental death. The insured was forty-three years of age. He paid but \$1.00 for a year's protection. He wagered this amount against the Grim Reaper, and as he motored to Texas for the purpose of being married, there was no thought of his becoming a victim of an accident. Fortune ruled otherwise, for in less than six months after purchasing this travel accident protection, he was accidentally killed while driving near Cleburne, Texas.

He carried his policy number, with directions to notify the Michigan Farmer or the Federal Life Insurance Company in case of accident, and as the result, he was quickly identified and his remains placed in the care of P. C. Dillon & Son, Funeral Directors of Cleburne, Texas, and in behalf of the aged beneficiary, the First State Bank of Camden, Michigan, immediately wired the Home National Bank of Cleburne, Texas, \$340.00 to cover the expense in connection with this accidental death.

To read the accompanying letters by B. R. Alward, Cashier of the First State Bank of Camden, one can see plainly the interest the public takes in helping anyone who is interested in helping themselves. The solicitous care shown these aged parents by

claims amounting to \$36,787.14 have been paid to policy holders or their beneficiaries for loss of eyesight, limb, and life, and fifty more indemnity and death claims are now pending settlement.

There is a high degree of satisfaction.

B. R. ALWARD, President

J. A. BATES, Vice President



THE FIRST STATE BANK

Camden, Mich.

Mar. 27 '28

Federal Life Insurance Co.,
168 North Michigan Ave.,
Chicago, Ill.

Gentlemen:

Policy F 535843
Warren W. DeMuth

Your letter of the twenty fourth enclosing your check \$2000. in payment of this claim is received.

This young man bought a policy in your company Aug. 16 '27 and had paid but one premium. In December last, we believe, he drove to Texas to be married. Driving near Cleburne in that state, his car overturned and he was killed.

He was the sole support of his aged parents. His mother is an invalid. Owing to their inability to write, we secured the proofs in Texas by mail, submitted them to you and now have received your check and delivered it to his mother.

The beneficiary wishes us to thank you for her.

You may be pleased to know that this check will go farther and do more good than most checks of like amount. It will see this worthy old couple, the beneficiary and her husband, through the few years remaining to them in comparative comfort.

Yours very truly,

B. R. Alward
Cashier.

RECEIVED
MAR 30 1928
NEWSPAPER DEPT.

Mr. Alward Also Gave the Particulars to the Company.

faction to us in this service. In an hour of bereavement and despair, it was a pleasure to be able to hand to Mrs. J. W. DeMuth a check for \$2,000. It renewed the hope of this fine old couple, giving them another lease on life. Over 250 claims have been paid

good idea to work the three "R's" full time before it is too late. Only one should read, right, and then "rithmetic a bit before he writes his name on the dotted line. As the Better Business Bureau advises, "It is always best to investigate before you invest."

FEDERAL LIFE INSURANCE COMPANY	
ORDERED BY A. W. P.	ISAC MILLER HAMILTON PRESIDENT
PAY TO THE ORDER OF MRS. J. W. DE MUTH - BENEFICIARY	CHICAGO MAR 24 1928 \$ 2,000.00
EXACTLY TWO THOUSAND DOLLARS NO CENTS EXACTLY	
IN SETTLEMENT OF CLAIMS AS PER RECEIPT ON BACK HEREOF.	
TO THE LAKE SHORE TRUST AND SAVINGS BANK	
FEDERAL LIFE INSURANCE COMPANY.	
No. 35949	

This is a Reproduction of the Check Which Saved A Home.

SOILS STUDY POPULAR IN EATON

THE final class meeting in the training course for local leaders of soils study in Eaton County drew a one hundred per cent attendance. The farmers who have taken the course asked Michigan State College to put on a second year's course next winter, and asked for cooperation in holding a meeting in the county this summer, where the results of the soils experimental work will be inspected and discussed.

PEACH MEN CHANGE PRUNING STYLES

PEACH growers of Oceana County are changing their system of pruning from the old flat top, short leader plan to the long renewal leader style which is being demonstrated by H. D. Hootman, specialist in horticulture. It is estimated that the old method of pruning reduced the crop of fruit, in some cases, as much as fifty per cent.

SUPERVISORS PLAN TO CONTROL FOUL BROOD

THE Oceana County board of supervisors appropriated \$400 to expend in the control of foul brood of bees. Several fruit men bought or rented bees to aid in the pollination of their orchards, so the diseases of bees are of interest to both orchardists and owners of apiaries.

SERVICE TO FRUIT MEN APPRECIATED

FRUIT men on the western side of the state comment favorably on the special spraying information that is sent out by State College this year. An arrangement that permits the distribution of the information over the entire fruit belt in one day, enables the orchardists to plan their spray work several days ahead. A special weather report furnished by the U. S. Weather Service accompanies the advice on sprays.

One Jessie Smith, an observing farmer, had a field invaded by Japanese Clover. After it had been pastured for a few years, he decided to plow up five acres and seed to corn. To his surprise, this old run-down field brought forth, last year, fifty bushels of shelled corn per acre. Mr. Smith is convinced that this new pest can stay.

MICHIGAN LEADS IN ALFALFA ACREAGE

(Continued from page 727)
fa more than any crop and the age of those fields shows that winters such as we have come through are unusual, and normally I can expect a lot from alfalfa."

The following table shows the alfalfa progress made in the eight representative Michigan counties which conducted campaigns in the winter and spring of 1928.

The figures for 1919, 1922, and 1924 are official Government figures. Those for alfalfa to be harvested in 1928 are my own figures, based on reports turned in by 100 to nearly 300 farmers in each county. Not all of these farmers grew alfalfa, but they were counted in the average, just the same. With a discount for acreage killed and a very liberal allowance for the possibility that farmers who attend alfalfa campaigns may grow twice as much alfalfa as their neighbors, I don't believe the guess made here is too far off.

County	1919	1922	1924	1928
Bay	127	551	1,859	11,016
Benzie	236	439	925	2,985
Calhoun	498	1,940	6,423	18,506
Ingham	1,061	2,819	4,936	13,960
Livingston	991	3,482	6,500	17,249
Manistee	402	964	1,286	3,177
Oceana	1,836	3,747	4,825	5,034
Prq. Isle	117	82	384	2,860

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a Michigan made Fertilizer for MICHIGAN FARMERS

Michigan Farmers can now get standard **High Grade Commercial Fertilizers** that are properly adapted to Michigan crop conditions and that are made right here in Michigan. This welcome news is made possible by the erection of a new fertilizer plant with complete manufacturing and loading facilities by The Michigan Fertilizer Company. This new modern factory is right now in operation under the direction and supervision of practical men of long experience in the fertilizer business. Well cured goods of strictly high quality are ready for early shipment.

Consider These Advantages

The Michigan Fertilizer Company by the erection of its plant in Lansing offers many advantages to the Michigan Farmer among which are:

Quick Deliver to All Points in Michigan. Our factory located right in the central part of the state assures you of quick service.

Strictly Quality Fertilizer that you can **come and see made.** You now have a fertilizer factory easily accessible where you can come and see the fertilizer you buy actually made. We want you to come.

A New Modern Factory. Our new modern factory is completely equipped with latest modern machinery and is directed and managed by capable and thoroughly trained men.

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

THE MICHIGAN FERTILIZER COMPANY
Gen. Offices: 1002 Bauch Bldg., Lansing, Mich.



Wolverine Brand Fertilizers

We devote our entire energies to manufacturing a product best suited to Michigan conditions. In Wolverine Brand Fertilizers, made in Michigan for Michigan Farmers, you will find an analysis suited to every crop and soil condition.

It is profitable to use Wolverine Brand high analysis fertilizers. Call on your Wolverine dealer for a complete list of analyses registered for sale in Michigan.

DEALERS WANTED. We still have some available territory for responsible dealers. Write for complete information.



NEWAYGO COUNTY FARMERS ARE AWAKE

THIRTY-TWO meetings arranged by Harold Stinson, county agricultural agent of Newaygo County, for one month had a total attendance of 1,486. Two model brooder houses were built, better sires were recommended, farmers were told how to control internal and external parasites of sheep, muck farmers listened to a discussion of the latest news on muck farming methods, the possibilities for better practices in dairy farming were outlined, and the handicraft and sewing clubs held their Achievement Day. While Newaygo County is not usually listed as the best agricultural county in Michigan, apparently, it is the home of many farmers who are interested in the best agricultural practices.

Two field tests of methods of applying and amounts of fertilizers to use on potatoes have been placed in Alpena County.

Alpena County farmers have held two meetings to study the possibilities of alfalfa seed production in their county.

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The LIBERTY (Grain Blower) ELEVATOR, Dries, Cleans, Grades up GRAIN by Air Power Fan does the work. One man fills Bins and Cars in one operation—no inside scooping.
FREE Write for Booklet, "Wings for Your Grain"—Low Prices. Ask Your Dealer about the Liberty.
LINK MFG. CO. Dept. 175 No. Kansas City, Mo.

SEED CORN

Clement's White Cap Yellow Dent, Picketts Yellow Dent and Michigan Yellow Dent (a very early dent), Certified Worthy Oats, and Sweet Clover Seed. Why take a chance on common seed when our scientific method of drying and preparing our corn insures germination and vigor? Write for Circular and Sample.

PAUL C. CLEMENT, BRITTON, MICH.. DEPT. B
Member of the Crop Improvement Association

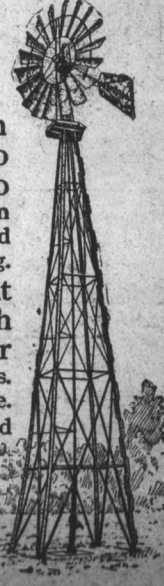
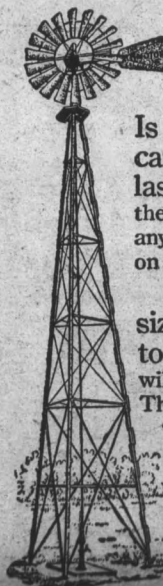
ONE WINDMILL for a Lifetime

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

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

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

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Dallas Des Moines Oakland Kansas City Minneapolis



We Want You

If you have a good reputation in your neighborhood and some spare time—we will pay you well for it and help you build a permanent business.

If You Are:

A business man who is accustomed to deal with farmers; a retired farmer who is a leader in your community; a clergyman; teacher; doctor; lawyer, or a wide awake young farmer who wants to work in the country—

One of Michigan's Leading Insurance Companies wants you and will train you to succeed. This is a legitimate high-class proposition for men of good reputation only—

It will stand the most rigid investigation, and we shall expect each applicant to be open to the same investigation by us. If interested please fill out and mail the coupon below.

AMERICAN LIFE INSURANCE COMPANY DETROIT, MICHIGAN

C. L. Ayres, President
American Life Insurance Company,
Detroit, Michigan

Gentlemen:

I would be interested in knowing more of your proposition.
Please send me your questionnaire for more detailed information.

My present occupation is.....

My age is.....

Name

Address

1



**13 YEARS OF
STEADY
GROWTH**

**\$5,000,000 PAID
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\$900,000**

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10,200 policies written and renewed in March and April.
Assets increased in April \$57,000.00.
Assets have increased the past five years an average of \$140,000.00 per year.
Full legal reserve. Rates reasonable.
Write for insurance or agency to above company.



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Steel or Wood Wheels to fit any wagon. Old wagons are made new with "Electric" steel or wood wheels that fit any running gear. Catalog describes Wheels, Farm Trucks, Wagons and Trailers. Write for this catalog today.

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Prepare Your Birds Now
For The
Michigan State Fair
Sept. 2-8, 1928
Always Labor Day Week
\$9700.00 in Poultry Prizes
Entries Close August 27th.
Write for Premium List
WALTER PALMER,
Director of Live Stock.
State Fair Grounds, Detroit, Michigan.



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PARIS GREEN**
Quick Death
to Bugs
ASK YOUR DEALER
or write
Ansbacher Insecticide Co.
Chicago
Makers of the First and
Best Insecticides

Our Readers' Corner

Facts and Opinions by Michigan Farm Folk

PLANTING BY THE MOON

IN reading your valuable paper the other day, I read where someone was inquiring about planting by the moon. There are twelve signs in the Zodiac, six of these are fruitful. Cancer is the most productive of all. Scorpio comes next and is really preferable for corn and Pisces is third. Taurus is semi-fruitful in the new of the moon and good for potatoes and roots in the old of the moon. Capricorn is fair and Libra produces pulp growth, much straw roots, and is good for flowers.

The other six signs, Sagittarius, Aquarius, and Aries, Gemini, Leo, and Virgo, tend to barrenness and are best for killing weeds and noxious growths. Onions or hay may be sown in Sagittarius. Aries is also good for onions. Gemini (the sign of the Twins) is used for beans and cucumbers.

Gather seed at full moon during productive signs. Apples gathered or potatoes dug at such times tend to keep better.

It is a safe gamble to plant things growing above ground in the new of the moon and things growing under the ground in the old of the moon. I do not think the moon will do much for us unless we have a good seed bed well prepared and rich, and good seed to put in it. Then we must take good care of it and trust in the Lord. He said we should have a seed time and harvest, and there has been ever since the beginning of time. Sometimes the seed time has been cold and backward as now, and the harvest small but I have often thought we were not half thankful for even those blessings.—Mrs. W. S. P.

nas are raised where labor is cheaper than horses, so plowing is done by ten or twelve men hooked to a plow.

Is it fair to ask the American fruit grower to compete with such labor when he is expected to help pay his share to keep this country on a standard of living conditions not equaled anywhere in the world? Can you expect him to compete with labor who are hired so cheap that they run and carry perishable goods twelve or fourteen miles cheaper than a cheap auto?

In another article I saw where flax with a forty cent per bushel tariff can be shipped into mills here and by sending the flax seed meal to foreign countries and selling the same for \$5.00 per ton cheaper than to the American farmer, they can get out of paying so much tariff (almost one-half cent) with this cheap feed and cheap labor. Is it any wonder then that the farmer has such competition? Wheat also can be shipped here to mill and eventually get out of the supposed to be ample tariff. I think the American farmer will have to compare his game of life to a game of football, start kicking the ball and keep kicking it in the right direction until the goal is reached.

Well, let us all help the Michigan Farmer by joining its Farmers' Protective Service to show them we appreciate what they are doing to help us exterminate the petty thief who is a menace to the country and who seems to have been having pretty good help judging by the many times we were visited last summer.—B. A. Hillson.

BE A GOOD BUT WISE LISTENER

(Continued from page 730)

force a company to go beyond its printed word, unless, of course, the company sees fit to do so of its own accord. Courtesy and business practice leads men to give a little time to a salesman to get his story. But being a good listener with discretion usually avoids a lot of trouble.

OUR SUBSCRIBERS RECEIVE
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JUST think, \$36,787.14 has been paid to Michigan Farmer subscribers who are holders of Federal travel accident policy or to their beneficiaries in settlement of claims for indemnity due to loss of time or for loss of sight, life, or limb as the result of travel accidents as provided for by our family or group protection. If you are not acquainted with this branch of our Protective Service which can be had for less than 2c per week or \$1.00 per year, write this office or ask any one of our salesmen who are licensed by the state insurance commission to handle your business.

E. A. Shearer,
Manager, Michigan Farmer Protective Service,
1632 Lafayette Blvd., Detroit.

Dear Mr. Shearer:

Enclosed find twenty-five cents for which enroll me as a member of the Michigan Farmer Protective Service and send me the weather-proof, steel Protective Service Sign, the Registered Tag and Key Chain with proper registration in your Detroit offices, a signed Membership Certificate, and a Warning Sign carrying the announcement of awards for capturing thieves and trespassers. I am enclosing the stencil of my address from the Michigan Farmer showing that I am a bona fide subscriber to that publication.

Name R. D.

P. O. State

Service Department

PASTURE SUBSTITUTE

I am short of pasture. Have a four acre field which I intend to drill to some kind of crop to cut when about fifteen to twenty inches high. Would rye, sown in the spring, be ready to cut earlier than oats?—Subscriber.

Sudan grass is one of the best emergency pasture crops. It should be sown the last of May or the first of June on a well prepared seed bed. A grain drill set to sow two pecks of wheat will sow from twenty to twenty-five pounds of Sudan grass seed per acre, which is the proper amount to sow. The Sudan should be ready to pasture the first part of July and, if pastured judiciously, will provide pasture until late fall.

Rye, if sown in the spring, will make very little growth and will be unsatisfactory.—C. R. Megee.

BONDS VALID

We voted to bond the township for money to build town hall, and it was carried. Some of the voters were not taxpayers. Is it legal?—Subscriber.

All registered voters of the township are entitled to vote. The bonds are valid.—Rood.

SHOOTING DOGS AND PROPERTY DISPUTE

(a) Does a man have a right to throw dead sheep on a stone pile and shoot dogs that are attracted to the sheep but do not molest the live sheep? (b) When a property line is in dispute between two landowners, which one has to pay for survey of the land? Can one compel the other to pay all costs of the survey?—G. B.

The owner of the enclosure, his tenant, and servant have a right to shoot any dog found within the enclosure unaccompanied by the owner. Unless the adjoining owners can settle their dispute by agreement the only remedy is suit.—Rood.

FIR YEW I PINE AND BALSAM

(Continued from page 727)
miniature pine forest, having trees of all sizes and ages.

"Do these trees receive any attention, Ed?"

"Not in the least," he replied. If they did, they'd probably be a good deal larger. If trees are set in rows, say six feet apart each way, and cultivated the first few years, they would not only grow much faster but the mortality would be less than where they are simply stuck in the ground promiscuously and allowed to shift for themselves like these. Also, when you figure that the original cost is almost negative, not over a penny each for white pine seedlings, it makes a mighty good investment for land otherwise worthless. I might add that the college will not only send bulletins on the subject but can furnish the trees. And now," he concludes, "I see the lake waving at me to come on and, if it's just the same to you, I think I'll take the dirt cure." With that, he headed for the drink.

Out of this same old lake, it seems to me, I can actually see a wave of reforestation coming. It began just as a tiny little ripple, away out there, when some good old conservative became interested in renewing a little of our lost beauty and attractiveness and with enough push it may develop into quite a sea. I hope so. The state is doing her share in the establishment of fire wardens through the cut-over areas, and posting all highways. If the fire hazard is reduced, Nature will see to it that our forests come back, and while you and I will probably take off long before this dream is realized, our descendants can enjoy the peaceful quiet of a forest just like we did when we were kids.

That's all.

TREE PLANTING POPULAR IN MUSKEGON

TREES distributed for planting in Muskegon County last month totaled 125,000. Four of the luncheon clubs of the county have taken charge of tracts of land upon which they will supervise reforestation projects. One paper company located in the county is interested in the possibilities of tree planting to insure a future supply of pulp wood.

The agricultural committee of the Muskegon Chamber of Commerce is making final arrangements for the next country-city get together meeting.

One Oceana County fruit grower is making use of orchard heating apparatus similar to the type used in California, to prevent frost damage in his eight-acre orchard.

NORTHERN FARMERS GROW ADAPTED CORN

FIFTY bushels of certified Golden Glow seed corn has been planted by Emmet County corn growers. Upstate farmers have decided that northern grown seed is best adapted to their conditions, and they secured the

Golden Glow seed from an Antrim County farmer.

Missaukee County supervisors will take a census of the bulls in the county to find what per cent of the dairymen are still using scrub sires.

MORE GROWERS OF CERTIFIED SEED

SUCCESS with the growing of certified seed potatoes during past years by many Otsego County farmers has led to an increase in the list of seed growers in that county this year. The market for quality seed stock has been good, and the ever increasing territory which calls on Michigan growers for disease free seed indicates that there will always be a market for an excellent product.

The 135 local leaders of extension work in Van Buren County are working out plans for an Extension Leaders Day to be held June 9. Six of the Van Buren County extension projects are organized under the local leader training plan.

A demonstration of the use of dynamite in opening ditches led a group of Barry County farmers to order 800 pounds of the material to clean out an old ditch in their community.

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Whether your choice be one of the many very comfortable rooms at \$2.50, \$3 or \$4 a day, or one of the higher-priced larger rooms with a view of the city, river and Canadian shore, you will here enjoy a particular sense of value. Every room has a Servidor.

[Garage in connection. Cars called for and delivered without charge.]

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NEW LOWER PRICES

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For no other enjoys the benefits of the unique intimate association with the production of such fine cars as the Illustrious "72" and Imperial "80."

As a result, Chrysler "62" is the only car to offer you the combination of these features at such low prices:—rubber shock insulators—instead of

CHRYSLER "62" NEW PRICES

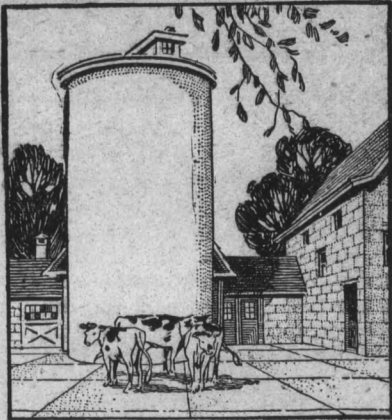
Business Coupe	\$1065
Roadster	1075
(with rumble seat)	
Touring	1095
2-door Sedan	1095
Coupe	1145
(with rumble seat)	
4-door Sedan	1175
Landau Sedan	1235

All prices f. o. b. Detroit, subject to current Federal excise tax. Chrysler dealers are in a position to extend the convenience of time payments.

metals shackles; self-equalizing hydraulic 4-wheel brakes; 7-bearing crankshaft with interchangeable shimless bearings; saddle spring-seat cushions; balanced front wheels for utmost safety in driving at higher speeds; etc., etc.

Examine the Great "62" with utmost care. Ride in it. Drive it. Only in this way can you learn just how far superior it is—not only to cars of equal price, but to cars costing many hundreds of dollars more.

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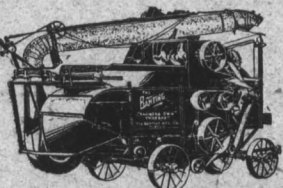
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NEW principal of construction gives amazing low cost and makes it practical for you to have a thresher all your own. Although more compact, lighter weight and low of cost, the Farmer's Own Thresher has four times the grate surface of the old type. Full capacity (1,000 bushels of wheat per day). Threshes wheat, oats, barley, rye, clover, and soy beans. Perfectly balanced. Smooth running. Many custom threshers are using it. Saves grain. Saves time. Operated with a Fordson or any good tractor. Buy one and be independent. Thresh when most convenient for you and when weather conditions are most favorable. No delay. No waiting. Beat the other fellow to the market. Get a better price for your grain. The savings soon pay for the thresher. Folder free. Form a small threshing ring in your locality, and make additional money. Write today for full particulars.

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News and Views

From INGLESIDE FARM—By Stanley Powell

HAVEN'T we been having wonderful growing weather? Sunshine and rain make the ideal combination to boom grains, hay, pasture, and all the various crops, including the new seedings just sown this spring.

Everytime it rains I console myself for the delay and disarrangement of my plans by the thought that the rain is doing far more good than all my most strenuous efforts. Of course, we all know that it takes a lot of work mixed in with the warm days and spring showers to produce a gratifying and profitable harvest.

Muggy days, such as we have been having frequently the last few weeks, are dangerous for

horses doing heavy work. Plenty of rest periods and close attention to their breathing are necessary to protect horses from serious over-heating. Salt petre, Juniper berries, burdock leaves and other dopes may be helpful along this line, but none of them can replace judgment on the part of the teamster. Those of us who are in the habit of going around and around with a tractor must watch our step when we pick up the lines.

This is the sort of weather when we must be on guard against bloat. Our ewes and lambs are running in a large field of luxuriant alfalfa and for the last few nights several of the ewes have had paunches dangerously distended with gas. Tonight when I went out with my bottle of milk for "Little Orphan Annie" I found one big three-year-old Shrop ewe flat on her back with all four feet in the air. And her back, by the way, would have made a very good table top. She was still warm and limp, but unquestionably dead.

Drench Was Too Late

In looking over the flock, I saw a yearling ewe seriously bloated and choking and frothing at the mouth. I hastened to the house and the Mrs. prepared a drench, using a tablespoonful of baking soda and a teaspoonful of ginger in a cupful of water. However, upon my return to the sheep, I found the yearling ewe considerably worse and in terrible agony. She had hardly swallowed the last of the drench before she died. It is doubtful if even the use of a trocar would have helped.

It was a pathetic sight to see the husky pair of ram lambs pawing around their mother, the big three-year-old ewe that died first. They couldn't comprehend what had happened. One of them pushed and rooted her trying to nurse once more on the cold, unsatisfying nipple. Little did he know that this fountain of health and nourishment which had never failed him before had passed out of his life and would soon be only a memory. Tomorrow they will run bleating up and down the lane seeking their dam. Tragedy has come early into their young lives.

"Little Orphan Annie," so-called, isn't a real orphan. She is one of a pair of Rambouillet twins that didn't seem to be getting enough milk, so while quite young I started feeding her on a bottle. If I had charged her up with all the milk she has consumed and all the extra steps I have taken for her, she would be quite a high-priced lamb. We had no real orphans until today, as we got through

the lambing season without the loss of a single ewe.

When a fellow is tired after a hard day's work in the field, the loss of a couple registered ewes doesn't increase his appetite for supper. Wife says that every time a thing like this happens, her enthusiasm for alfalfa as a sheep pasture goes down another notch.

However, we not only have our breeding ewes and lambs in rank alfalfa, but have our sale rams in alfalfa half as tall as they are. I am playing safe, though, with our imported stud ram and have him with one female companion on good old reliable June grass. He is the type of individual which one has to hold back, rather than push, to get in the best shape for the show ring. He is not being fed any hay or grain or being pampered in any way, despite the fact that I am hoping that at the 1928 fairs he may equal or excel his last season's record of five blue ribbons and five championships.

Radio Helps "Guess" Weather

I am having a little innocent fun with my hired man these days predicting the weather. Naturally, I am a rather poor weather prophet, but bolstered up with the radio reports received during the noon hour, I have been able to out-guess him with fair regularity. I suppose that pretty soon he will get wise to the source of my opinions.

There is only about two days difference between me and a real weather prophet. He can tell the weather a day ahead and I can tell it the day after.

Speaking of the weather, I might add that one of the fields in which I have been spending a good deal of time has a woods on one side and as the rains have been plentiful, the mosquitos have been numerous and pestiferous. I am considering writing my Congressman or one of our two Michigan Senators demanding that Congress pass a law making mosquitos unlawful. This would certainly be genuine farmer relief.

This forenoon as I was resting my three-horse team under a shade tree along the road, a subscription agent for the Michigan Farmer stopped to see if he could interest me in taking that publication. He found me scribbling with a stub pencil some notes to guide my memory this evening in writing this article. Although our subscription already runs three more years, before he left he had it extended five years farther into the future and had written a special accident policy for Mrs. Powell.

Even Horses Are on Wheels

Nowadays it seems that the whole world moves on wheels. I was rather surprised this afternoon to have the owner of one of the best Percheron stallions in this territory stop here at Ingleside with his black beauty aboard a truck. This man claims that this new method of making his route saves a vast amount of time and conserves the energy of the horse.

With statistics showing that the average age of farm horses today is about fourteen years, it rather looks as though anyone who plans on using some old-fashioned horse power during the next decade might be wise to raise a few colts. Our mare, Dora, has the conformation, constitution, and stamina which should be reproduced. I have always regretted that we did not raise at least a team of colts from Old Daisy.

House plants should be repotted in fresh soil in the spring or early summer.

WORLD EVENTS IN PICTURES



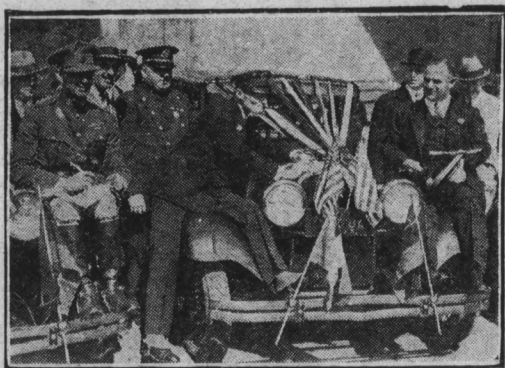
Traveling by land, water, and air, Toichiro Araki of Japan is racing a friend around the world.



The envy of every kid in the country. C. A. Lehman, California teacher, shows history of railroads from "Tom Thumb" of 1828 to the latest three-cylinder 80-mile-an-hour engine.



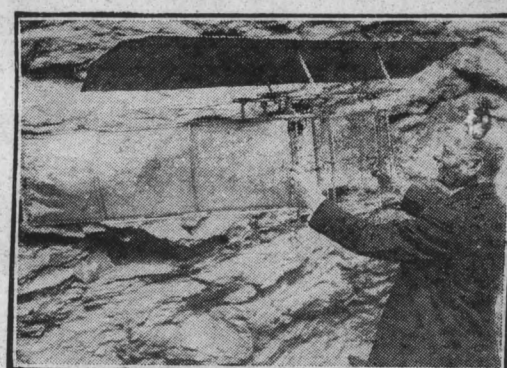
Shortly after making a sixty hour solo endurance record, Lieut. Thomas crashed in his plane.



The Bremen flyers draped informally around three automobiles presented to them by anonymous donors in New York.



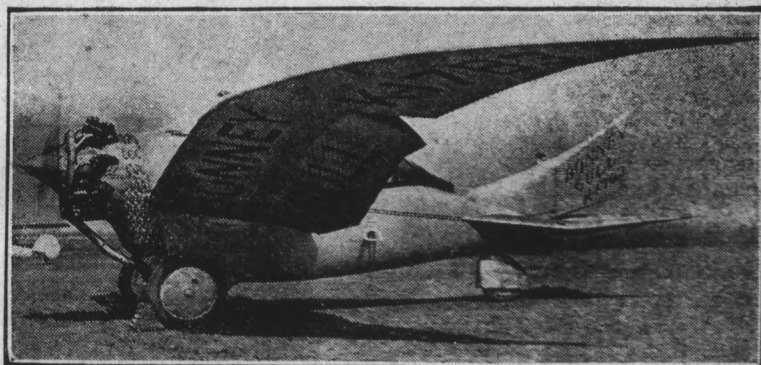
Japanese women want votes, too. Prominent suffrage leaders are shown how American women carried their banners.



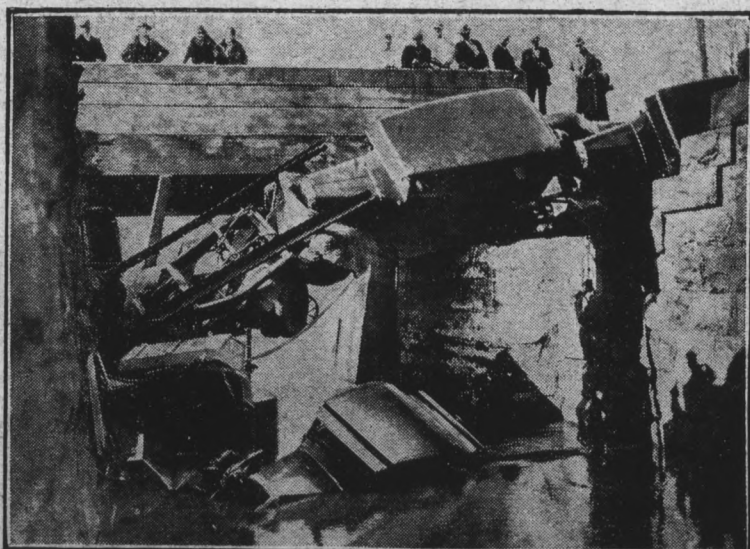
Working since 1893, Lehman Weil has invented this plane which will be rowed through the air. It has no rudder.



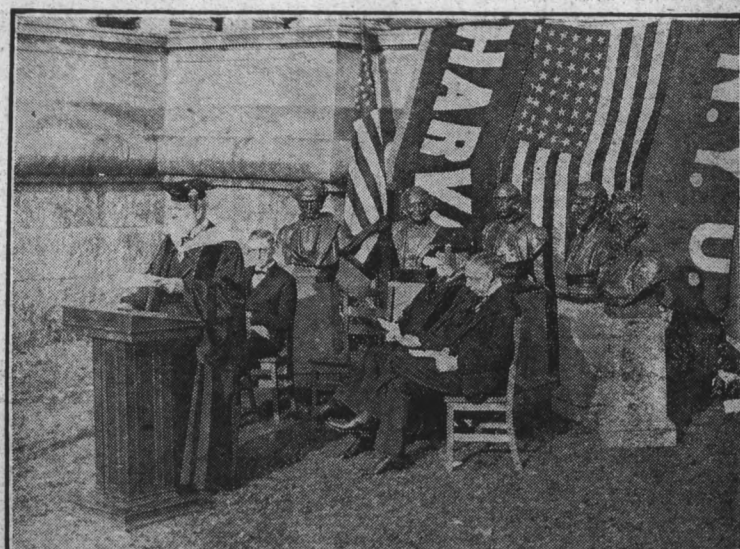
Chinese-Japanese war threatens. The Chinese resent Japan's orders of new forces to Shantung where pitched battles took place, killing and wounding many.



Leonard W. Bonney caught two sea gulls alive, studied them for three years and modeled this plane after their bodies. After flying one-half mile the plane crashed, killing its designer.



When the driver of a truck and trailer loaded with new automobiles fell asleep, this is what happened. The driver was uninjured but the damage to the truck and autos was considerable.



The bust of Rufus Choate, statesman; Louis Agassiz, naturalist; John Paul Jones, naval hero; John Greenleaf Whittier, poet; and S. F. B. Morse, inventor, have been added to N. Y. University.

SAFELY handcuffed, the outlaw leader regained consciousness to unloose a stream of profanity. "Never would have found us if it hadn't been for that damned Wop," he cried, "insisted on keepin' that pig alive instead of killin' it."

"What did you intend to do with the pig?" queried Sheriff Grimes of one outlaw, a young Negro who had surrendered at the first demand.

"We was goin' to sell him," answered the Negro. "Tony done hear the boys say he was wuth two hundred and fifty dollahs, maybe moah."

"The poor nut," broke in Ted Baldwin. "Didn't he know that without registration papers that pig is just worth pork price?"

"What's registration papers?" demanded the gang leader. Briefly Ted explained.

"The blankety, blank, blank fool!" howled the bandit. "And us goin' to all the trouble of haulin' that cursed pig here and swipin' feed for him." The capture had its element of comedy after all. Burton, O'Neal, and the boys laughed uproariously as their captive continued to curse.

"What became of my violin," cut in Bradley Barton. "That disappeared when you got the pig?"

"Ask Tony, he knows," answered the leader to relapse into sullen silence.

"We'll get it out of him," assured Sheriff Grimes. "Wait until the government men get hold of 'em."

"I ain't in on this whisky sellin'," pleaded the black man. "All I done is just to help tote barls."

"That's it," sneered the third bandit, a hard-faced man of middle age. "Try to save your own skin. An' you are the guy who first showed us this cave."

"What's that?" It was the old Squire, menacing the Negro, who shrank back. "Out with it, you black rascal. How did you find this heah place?"

"It was my granddaddy," answered the black man. "He found it back in slavery times. He done run away an' hid here. He tol' my daddy an' he tol' me. I was workin' for the boss here years ago an' we come heah with a boatload of whisky. Tony, he been sellin' it—"

"Shut up, you black ——" At the menace in the outlaw leader's voice, the Negro closed his lips, nor would threats or persuasion bring another word.

"No doubt it is true, sah," announced the old Squire. "During the war some of our slaves disappeared. All this was heavy timber then, rough and wild. There was no road along the river bluff. Vines covered the bluff then as they do now. And to think that this mystery on my own farm caused you-all so much trouble. I am sorry, sah."

"All's well that ends well," quoted Bradley Barton. "You've done enough for us, Squire, to make up for all of it. I hope we may spend many years with you if you will have us stay."

"As long as you like, sah," said the old man emphatically. "Your lad saved my life. But before that you-all were as my family."

"Let's get out of here," announced the practical Grimes. "This may be a good place for bootleggers and bears but not for men. One bird has flown, but we'll get him yet. Miller, you and Clark stay on guard. Burton will help me take these crooks to jail."

"Bootleggers and bear!" Still there remained the mystery of the furred freebooter and the missing violin which Bradley Barton still bewailed as if it were a lost child. Solution, if it was to come, was a matter of the future. Jock came up, limping, to be caressed and petted. "Wasn't your

fault you didn't nail him, old man," commended Burton. "If it hadn't been for the mix-up I'd have put a bullet into that big brute."

"Yeah, Tony would have killed you if you had," spoke up the bandit who had resisted arrest. "Sets a lot of store by that animile. That bear follows him wherever he goes. Tony's smart, too. You'll never get him or his bear."

"Anyway, old 'Stony' isn't going hungry," announced Ted Baldwin as he dragged in a sack of corn. "Here's the eats for Tony's pedigreed pig which he was kind enough to leave." A fresh outburst of profanity from the outlaw leader did not seem to affect Stonewall Jackson's appetite. As "Stony" stoically munched the corn, Bob decided to spend the remainder of the night in the cave, driving his pet home when daylight came. Ted and Vic elected to stay also. Father Barton hastened back to phone the

so far has gotten everything he goes after. Stranger things might happen than that he gets 'Wop,' bear, and violin."

CHAPTER XIX Over the Top with Cash

TONGUES wagged in Pleasant Ridge community. Discovery of the hidden cave and capture of a band of desperados proved a nine days' wonder. Folks who had accused the old Squire of complicity "sang small." Separated from the gang leader, Frank Woods, young negro captured, had confessed all he knew. Under a solemn pledge of secrecy to his father and grandfather he had sought and found the cave which long before had sheltered hunted men. Under evil influence of Mike Hurley he had boasted his knowledge of the secret place. For years the rum runners had used the cavern as a storehouse, transporting the liquor



news to Bob's anxious mother, the old Squire accompanying him. O'Neal and Baldwin went off with Burton and Sheriff Grimes, the prisoners each handcuffed to another man. It surely had been an eventful night. As they lay and talked in guarded tones the boys again lived over those stirring moments. Ted and Vic were jubilant over the fact that their chum now seemed a permanent fixture in the community.

"When our whiskers are as white and as long as those on the old Squire," said Ted Baldwin, "Vic an' me will be comin' over to smoke our pipes with you an' talk over this night. Like Uncle Lem Peters, we'll say, 'Them were the days!'"

Even in the darkness of the cavern it seemed to Bob Barton as if the light of future happiness and prosperity glowed with roseate hue. Some day, please God, Mother Barton might have a home where no voice could call, "Move on!" There was but one depressing thought to mar complete happiness. Like the loss of a favorite child which never could be replaced Bradley Barton ever would mourn the instrument which had become a part of his very heart.

"Fellows," confided Bob as loss of sleep dragged hard upon his lids, "I'll never be satisfied until we find dad's violin. We've had luck so far, who knows, we may find it yet?" Worn out by their two-night's vigil, Bob and Ted drowsed in uneasy slumber. Vic joined the watching men.

"That kid's got nerve," remarked Miller. "Me? I wouldn't have stayed on here alone for the value of all the booze in this cave. And that's some. That gang leader's some tough bird, got a long criminal record, I betcha. But what a bootlegger was doin' with a bear beats me. What do you reckon, Ike?"

"Maybe the bear lived in this here cave," conjectured Ike, "and they tamed 'im."

"Well," concluded Vic, "Bob Barton

there by boat, then sending it out for sale in the cities. Hurley had placed the doors so that egress could be had either way if attack came. Fearing no discovery except by those on the Jones farm who might stumble upon the door or opening, Hurley had deliberately set out to keep the farm untenanted.

Of the man who disposed of the liquor Black Frank knew little. "They called him the 'Wop,'" Woods told Bob and his father, "and his name was Tony. Dat's all I knows. Always when he come he have that bear with him; great strong fellow, tote off calf or a pig when we want 'em. They not tell Frank much." Hurley had taken no chances. Nor would threats or persuasion break the silence of the leader or his pal.

There was one clew. "Tony was crazy about music," said the Negro, "Brung a mouth-harp to the cave an' played while his bear danced. Hurley say he's a great fiddler. One night we heard the boss here playin' an' Tony swear he goin' get that violin. Dat's all I know."

Bradley Barton groaned. As well trace a needle in the proverbial haystack as to hope for discovery of a fiddling Italian bootlegger. Unable to give bond the three men remained in jail. Bob Barton again took up his interrupted studies. Ross Burton concentrated effort on coaching his club members in fitting their pigs for the coming sale. Miss Edwards and Kate counted the days until they should be off for the International. Swiftly passed the days for all but one of the actors in the stirring episodes of recent weeks.

In a guest room of his old home, Thomas Jefferson Jones was convalescing from a serious illness. Excitement of the eventful night added to exposure during the chill hours of waiting had laid the old Squire low. No daughter could have given more tender care than was accorded by Grace Barton, no son nor grandson

rendered more willing service than Father Barton and Bob. In his delirium the old man had lived again the days of his life on the old farm. There were times when the only thing that could soothe him was the firm clasp of Bob's hand. "Don't leave me, Robert," the old man would plead, "Little Bobbie, my son." One night when the Grim Reaper seemed near, Bob spent weary hours beside the bed. It seemed as if his comforting words and the strength of his stalwart body flowed into that wasted frame.

"It seems almost a miracle," the physician said when the vigil ended. "The old Squire will live, not because of my skill but through your ministrations and the help of some higher power." Weak but still undaunted, Squire Jones once more sat before the fireplace and returned thanks to his neighbors who had spent the nights of battle by his bed. Nor would the Bartons hear to his leaving when it seemed that returning health would permit him to go home. A changed man was the old Squire, living as might any amiable grandsire among those he loved.

During those crowded weeks came a new enterprise which bade fair to add much to farm values of Pleasant Ridge community. Linked with a state road system concrete was to replace mud and O'Neal was jubilant. "Right past our farms," he had advised Barton and the old Squire. "Puts \$50 an acre more right smack on the place. Good school, fine community, good roads, what more could anyone want. You'll see buyers flocking to this community."

So it proved. The fame of Pleasant Ridge had spread far. Broadcasting from WRO, the state-owned radio station, Bradley Barton's orchestra not only had won plaudits but the enthusiastic description of the community by Ross Burton had brought a flood of inquiries. With the hard road assured, farmers in search of permanent homes began to visit and inquire. There were few farms offered for sale, for folks of Pleasant Ridge were home lovers. To the Jones farm one day came a stranger inquiring for the landowner. Courteously Mrs. Barton showed her visitor into the room where the old Squire sat, then joined her family. With no intent of eavesdropping the conversation could be plainly heard.

"I haven't been able to find a desirable farm," the visitor announced, "but I am determined if possible to buy in this community. I want my children to attend this school and to join this club that we hear so much about. What is the low dollar that will buy this farm?"

"I don't care to sell, sah," the old man said. "This is my old home."

"Nonsense," answered the determined visitor. "You are too old to farm and renting is a nuisance. I'm a man of few words, Mr. Jones. With some added improvement this can be made a very valuable place. I'll give you \$15,000 spot cash. Your tenants can stay on until their lease expires. What do you say?"

Bob Barton heard the offer with a sinking heart. One hundred and fifty dollars an acre. Even with such fertile soil and the fine location who could refuse. Soon they would be moving on again.

"Your offer is generous, sah," came the voice of the old man, "but I don't care to sell."

"This is my final word," announced the visitor as he rose. "I received \$20,000 for my farm in another state. I like it here. Right now you can have my check for \$16,000. No tenant can afford to pay you interest on an investment like that."

"You overwhelm me, sah," said

Activities of Al Acres—It Was Such a Nice Restful Place

Frank R. Leet



Squire Jones. "It would be an honor to have you in our community. But I have good tenants whom I think will like to stay on. The farm is not for sale."

The sighs of relief uttered by the Barton family were not unmixed with apprehension. The stranger had spoken truth. No tenant could afford to pay the rental which interest upon the amount offered would demand.

The old Squire made no reference to the offer. His tender of payment for the care given during his illness had been gently repulsed. It was tacitly understood that when final payment for the rent came due some reduction might be made. Still the old man lingered held by the ties of affection and the charm of Bradley Barton's violin. Although the instrument he used was as a foster child to a favorite loved one, and Father Barton still bewailed his loss, again he was spending long hours in music, stirring his orchestra to worthwhile achievement, composing melodies which seemed destined to be unheard except by the folks at home. As near happy as possible to be without having achieved his great ambition, Bradley Barton lived in an atmosphere of contentment. For him there was not the haunting fear which obsessed his wife, the constant dread that they must move on and leave fine friends and home.

It was sale day for the 4-H pig club members of Brown County. Again onlookers were clustered about a ring where boys and girls displayed their best. But now a loud-voiced auctioneer proclaimed the merits of each animal, quoted glibly from pedigrees, exhorted buyers to bid high. As Ross

Burton had predicted, breeders had been attracted by the publicity given a championship and the crowd was large. As was customary, lesser offerings were put up first, and Bob had the satisfaction of seeing a male pig, "full brother of the champion," bring \$75. Now it was certain that his note could be paid for his best gilt and the great "Stony" remained to be sold. Finally Stonewall Jackson was driven into the ring. As unconcerned as if he never had been the indirect cause of solving a mystery, the sleek champion paraded before an applauding crowd. Close to the ringside, Breeder Austin, who, true to his word, had made the long trip, watched with an appraising eye.

It was almost a hymn of praise that the auctioneer chanted before he called for bids. But all that was lost upon Harve Austin, veteran of many sales. He knew blood lines. He also could look into the future and see the progeny of a champion. When the spirited bidding closed, Austin was the owner of the state fair champion and his check-book stub showed an entry of \$240. A few moments later Bob had the satisfaction of seeing his gilt, replica of her great mother, pass under the hammer at \$100. Vic Slade's best gilt brought a like amount. One of the greatest satisfactions to Bob was that his pets were going to new homes where they would have appreciation and care.

(Continued next week)

If business knew more about farming and farming knew more about business, we could smile, says Asparagus Pete.

His Last Week

Our Weekly Sermon—By N. A. McCune

THE last week of Jesus is the most amazing week of any human being on record. It is more rewarding to those who study it than a week in any other life. The deaths of many persons are revealing in what they teach us. But no death has the power in it that inheres in the death of Jesus. It will be well to glance at some of the main events in His Last Week.

Sunday He entered the city in triumph. He had come up from the north country, knowing that fateful events would take place in Jerusalem. Did He know for certain that He would die there at that time? Or did He suspect that the course He was pursuing would sooner or later bring Him to a violent end? At any rate, He had "steadfastly set His face" to come to the capitol city, certain that He would never leave it until He had come face to face with enemies who would do Him violence, if it lay within their power.

But the coming into the city must have cheered Him, if only for a moment. The children sang and shouted, the older folk waved branches, while the Master rode on a humble beast of burden, possibly the only time He ever travelled other than by walking. He went to the temple, looked around, said nothing, and went to His place of entertainment.

Monday it was different. He was refreshed from His toilsome journey to the city, and people soon found it out. The buyers and sellers in the temple, violating the law of the sacred inclosure by their bargaining, were driven out by vigorous methods. They were cheats and frauds, many of them, and even those engaged in legitimate trade had no business doing it in the temple. There is a place for everything. But tell me this: What was it in Him that made them scurry and scatter when He told them to get out? Why did no one defy Him?

Tuesday was a full day, big with events. Sizzling questions were fired at the Teacher. Should taxes be paid to Caesar? A question that would have tripped a mind less keen. And what about the resurrection? asked the Sadducees. How can a man who has been married more than once have a peaceful time in Heaven? And what, asked a lawyer, is the great commandment? When these were answered He went on with the sternest kind of teaching, for these were stern days. He uttered his sweeping parables of judgment, such as those on the Ten Virgins, and the Talents, and the Two Sons. He spoke those terrific words: "Come ye blessed," "Depart, ye cursed." And in the meantime the conspiracy for seizing Him was maturing. The lines about him were drawn tighter and tighter, but He went straight on, as if nothing were impending.

Does not all this bring Christ home to one's heart and mind? Here He is, the only Man in the record of human history, who is never impa-

tient, never selfish, never proud, never ruled by fear. Or, in short, if any one is perfect Man, He is the Man. And how does He act, when pain and bitterness and hate close in on Him, like a pack of dogs closing in on an exhausted deer? Answer—He goes straight on. He strengthens Himself in prayer, talks with His close friends, delivers His message, does not waver or turn aside.

Wednesday He rested. There is no record of His doing anything that day.

Thursday brought the passover meal. It was a great day. Many thousands came to Jerusalem every year for this feast. Jesus eats with the Twelve a simple meal, which has been called ever since, The Last Supper. From it comes the Eucharist, or Holy Communion. While they were eating, (the room evidently was upstairs in the house of some friend, where arrangements had been secretly made) the twelve men fall to disputing as to who should be greatest when the Messiah brought in the expected Kingdom. For they still believed that He came to establish an earthly kingdom, by force. Isn't that human nature? While the lines are drawing tighter and tighter about Him they loved best, they wrangle over who will be the big gun in the coming days. Then He gives them an example of what they ought to be. He washes their feet. And at this time also He prays that prayer that rings in our ears today, as an example of what prayer may be, at its highest—the seventeenth chapter of John.

But the drama moves swiftly on. After looking at the betrayer and uttering words that would make a stone image shudder, He bids Judas go about His despicable errand. The arrest follows, with the mock trial and its insults and outrage. More accurately, there are four trials, one before the high priests early in the morning, followed by a brief hearing before Pilate, who sends Him to Herod. Herod clothes Him in a purple robe, in mockery of His claims to kingship, and sends Him back to Pilate. Uneasy over the complications of the trial, anxious to free the prisoner who he believes to be innocent, harassed by a warning note from his wife, but fearing to displease influential Jews, lest they endanger his political position, Pilate weakly washes his hands, and sends the Christ off to death. Through it all, the calm, dignified bearing of the Prisoner is such as to arouse the admiration of the dullest reader, until he exclaims with the centurion, "Truly this was the Son of God." Of Him another said, "He tasted death for every man."

SUNDAY SCHOOL LESSON FOR JUNE 3rd

SUBJECT:—The Fellowship of His Sufferings. Mark 14:1-42. GOLDEN TEXT:—Mk. 14:36.



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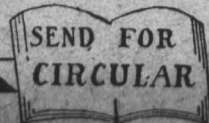
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Woman's Interests

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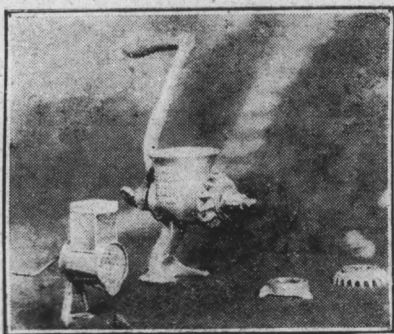
By Choosing Conveniences that You Can Use Throughout the Year

By Doris W. McCray

A SAFE rule when buying canning season helps is to buy those which will also help the rest of the year, with daily meals. If you can a great deal, a huge pressure cooker is justified, since the work goes faster with it. For church suppers and harvest meals it can be used, also for canning meats in winter. But for most of us who do only a small amount of canning for our own families, a small pressure cooker is best. I find a ten quart size right for a family of three or four, or for cooking a whole goose or small turkey. It goes rather slow at canning time if I have help, but if working alone it is large enough.

Advantages of Pressure and Waterless Methods

Instead of a pressure cooker you



You Can Use These Grinders the Year 'Round

may buy a waterless cooker. I have them both, and each has its advantages. The pressure cooker cooks so much faster. The waterless cooker develops a finer flavor in vegetables such as spinach and carrots for daily meals. The pressure cooker is safer for processing meats and vegetables, because of the higher temperature. If your canner is a wash boiler, be sure to have one of the wire racks which lifts all the jars out at once.

Some sort of a "cutting up" device is needed. My trusty food chopper is used all the year, but especially for chow chows, orange marmalade, preserves, and mixed pickles. I wish I had a shelf where I might always keep it ready to use. When washed, it would be assembled, clamped in place, and would be used more often. The tiny grater is nice to use for bread crumbs, cheese, or nuts. It really is quite a convenience considering its fragile construction and low price. It is easy to wash, and can be used when the large one is already in use. My four-year-old boy thinks it great sport to grind with it. He will work an hour before he becomes tired or disinterested. There is also an onion chopper on the market which consists of cutting knives that cut the onions under cover. You can see through the glass jar to tell when they are chopped fine enough. It could be used for apples or raisins, but because of the odor is saved for onions.

Sieves Save Time

There are several good fruit or puree sieves which save time in canning season, and can be used for apple sauce, cranberry sauce, riced potatoes, for orange marmalade or grated cheese. One type consists of a sieve on a metal stand, and a wooden cone-shaped piece for pressing the fruit through the holes. It is much quicker than a colander and spoon or cup.

Other conveniences that for me make my canning work easier are: a high kitchen stool, knife sharpener, jar opener, jar tongs for lifting hot jars, and stainless steel paring knives. Ask your local hardware dealer about these. You may find just what you need to help to take the bug bears out of canning season.

CEDAR VENEER NOT EFFECTIVE FOR CHESTS

AN investigation into the value and durability of various types of cedar chests for the protection of woollens and furs against moths is being conducted by the U. S. department of agriculture. Preliminary studies indicate that while the amount of gas formed by the evaporation of oil from the chests well constructed of three-quarters inch solid red cedar heartwood may be sufficient to prevent the development of the insect from the egg to the moth, this is not the case with chests made of other wood, lined with cedar veneer.

DRY ICE HAS POSSIBILITIES ON THE FARM

SCIENCE has become the farm woman's hired girl and during the past score of years has done much to lighten her hardest jobs and give her more leisure time. One of her latest discoveries which has possibilities for the farm wife is the production of dry ice, ice which does not mess up the kitchen when the refrigerator is filled and which is much colder than ordinary ice.

To make it liquid carbon dioxide is sprayed into tanks where the "snow" is gathered and molded under three thousand pounds pressure into firm white blocks with a temperature 141 degrees below that of water ice. It evaporates into a gas instead of liquid and loses but ten per cent in twenty-four hours when enclosed in a storage box. It can be sent by parcel post, forty pounds lasting from one

Is This One the Oldest?

SIXTY years of "reading for mental improvement" in a community should and has accomplished commendable results. It was back in 1868 that a group of enterprising women, all residents of Atlas in Genesee County organized what was known as the Atlas Ladies Library Association.

Their object as stated in their constitution was "reading for mental improvement." For the past sixty years this association has been functioning actively. The association still has one charter member, Mrs. Imogen Donlan of Flint and two other members who became members soon after the association was formed.

In 1880 the association built a library which today has over one thousand six hundred books and a number of current magazines to its credit. On June 14 the library celebrates its sixtieth birthday and invites all who ever were connected with the association to be present. It is anxious to determine whether it is not the oldest library association in the state. If you know of any other association in Michigan older than this one, will you please write to this department in care of Martha Cole.

to two weeks. A small piece enclosed in the inner of two paper cartoons keeps ice cream perfectly for local delivery.

Dry ice gives a lower temperature and better atmosphere in the refrigerator, saves bulk, and does away with the damage from moisture and often re-icing with water ice. The gas given off by dry ice prevents decay.

PLANS FOR STEP-SAVING KITCHENS

A SET of eight attractive charts on well-planned kitchens which should prove useful to clubs studying household equipment and management has been prepared by the United States bureau of home economics. Be-



Good Packs Please Both Eye and Palate

cause of the limited printing funds, they cannot be supplied free but may be purchased at fifty cents a set from the Superintendent of Documents, Washington, D. C. They are also more than worth the price for the woman who is planning to remodel her kitchen.

Household Service

WHAT BABY NEEDS

We have lived on a farm only two years and the new equipment needed has greatly reduced our surplus cash. I am expecting our first baby in September and would like to know just what things I would need in the layette. I want to have everything the baby would need but cannot afford a very elaborate one. Will you please help me?—Mrs. M. E.

There is a number of things that might be included in a layette but the following is the minimum with which you can get along: 3 flannel binders, 3 wool shirts, 3 nainsook dresses, 2 nainsook Gertrudes, 2 flannelette Gertrudes, 3 flannelette gowns, 1 flannelette sacque, 1 flannelette wrapper, 1 towel, 2 wash cloths, 2 pair wool hose, 1 pad, 2 receiving blankets, 24 diapers, 3 cards safety pins, and 1 bonnet and cloak or 1 hood with cape attached.

Quality, size, and ease in laundering must be considered when buying a layette. If you will send me a stamped, self-addressed envelope, I will be glad to tell you where you may obtain a 53-piece layette for \$14.75, that has been approved by child health specialists.

ANOTHER JOHNNY CAKE RECIPE

I have a Johnny cake recipe which I think Mrs. H. B. might like.

2 cups corn meal	1 cup buttermilk or
1 cup wheat flour	sour milk
1 egg	1 tb. molasses
1 tsp. soda	2 tb. melted butter

Sift dry ingredients, add egg, milk, and molasses. Melt butter in pan for baking and add to batter.—Mrs. F. D.

Little Cooks Win

HUNDREDS of little girls who have not yet lighted twelve candles on their birthday cakes, can bake cakes, cookies, pies, and puddings, yes, and even short-cake. Over two hundred of these little cooks in our big family of readers wrote me last week and told just what recipes they liked best and just how they make them.

First I want to thank every little cook who sent me her favorite recipe and I wish that I might send each and every one of you a cooking apron. But we will have other contests for little cooks and I hope all those who did not win this time, will try again.

From the heap of recipes received this week, six have been selected as prize winners. There is space to print only four of these this week. The other two prize winners and others who came very close to winning will be printed next week.—Martha Cole.

Whole Wheat Kookies Best for Kiddies

I like these cookies because they are healthful and easy to make. They are better for kiddies than fancy cookies, mother says. My two sisters and I always keep the cookie jar filled but not for long. We like these for our lunch for they keep moist.

First I mix one cup brown sugar or honey with one-quarter cup shortening and add one egg, one teaspoon vanilla, one-quarter cup sour milk or buttermilk. Then I sift one teaspoonful of baking powder and one-half teaspoonful soda with one cup white flour and add this together with one cup whole wheat flour to the first mixture. Last I stir in one cup of raisins or chopped nuts. Drop from a teaspoon on a baking tin and bake in a moderate oven until golden brown.—Helen Dahlstrom, Midland County.

Butter Scotch Pie is Favorite
Of all the things mother lets me

cook, I like this pie the best. First I cream four tablespoonfuls of butter with six tablespoonfuls of flour and add three-quarters cup of brown or white sugar, two well-beaten eggs and one-half teaspoonful salt. Next I scald two cups of milk and add three tablespoonfuls of caramelized sugar and pour over the mixture. Cook in a double boiler until thickened and pour into a baked crust. Cover with meringue and brown in the oven.

To make caramelized sugar, heat one cup of white sugar in a sauce pan until it melts. Stir until sugar is dark brown, add one-half cup of boiling water and cook until thick syrup. We keep some of this syrup on hand for flavoring most of the time.—Margaret Kennedy, Oceana County.

Feather Cake

I learned to make this cake when I was nine years old and now I am eleven. First cream one cup sugar with one tablespoonful of butter. Beat in two eggs, a pinch of salt and one cup of sweet milk and water mixed. Sift together one and one-half cups flour and two tablespoonfuls of baking powder, and beat in well. The batter should be thin. Bake in a shallow pan. Brush with vanilla when done. This is good with any kind of frosting but we like whipped cream best.—Maxine Ackley, Emmet County.

Favors Spanish Rice

I am fond of cooking. Mother sometimes lets me do the recipes that are hard to make. I like them because it is fun to fuss with them and see how they will come out.

To make Spanish rice, I fry three medium-sized onions that have been chopped fine in three tablespoonfuls of butter for ten minutes. Then add one tablespoonful of salt, one and one-half cups boiling water, one pint of tomatoes and three-quarters cup of uncooked rice. Cook slowly for one hour.—Mary Wesley, Saginaw County.

Rural Health

By Dr. C. H. Lerrigo

CAN A POOR BOY STUDY MEDICINE?

IT is not easy for the poor boy to get a medical education, but it is just as possible for the right kind of a poor boy as ever it was. But he must start with a tremendous supply of grit and determination. I hesitate to name in one sum the amount that a medical education is estimated to cost nowadays. I fear that one look at the sum total would give the boy a fit of the trembles. But it is as well to bear in mind that the money is only paid in reasonable payments, the sum required for a year's tuition being the largest amount to be plunked down at any one time.

Acquiring a medical education is a long process. Following the graded school must come a high school course and then two years of regular college work before the student even gains admission to the medical college. Some universities have an arrangement whereby six years of study will give the candidate the combined degree of Bachelor of Science and Doctor of Medicine. Our doctor is not yet ready for general practice, however, but must serve an internship of at least one and preferably two years in a general hospital.

The fees of medical colleges are much higher than formerly. When I went to college we paid sixty-five dollars per year and the very best colleges in the land charged only one

hundred dollars. Now a big school like Columbia charges \$532.00 a year. Rush charges \$297.00. The lowest priced medical school are those of the State Universities, which fortunately possess the additional qualification of being among the best. University of Wisconsin is only \$100.00 per year, University of Kansas \$110.00. The University of Michigan, although not so low in price, has the reputation of giving a medical course that ranks among the best.

GETTING RID OF RHEUMATISM

My husband has what the doctors call sciatic rheumatism. It is in his left arm and leg and is very bad in fall and winter but all right in summer. Electric batteries and liniments and medicines have all failed. Is there anything else?—K. H. B.

It is only a few years since the medical profession learned that pains in the joints and extremities commonly known as rheumatism usually have their origin in some diseased part of the body, perhaps remote from the seat of pain, in which a pus focus exists. It may be bad teeth, diseased tonsils, purulent nasal cavities, chronic appendicitis or any one of several other chronic diseases. We have found that clearing up such troubles cures the rheumatism. I'm afraid that the doctors who were content to call this sciatic rheumatism were behind in their knowledge of medical research as well as their anatomy.

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LAKEVIEW BABY CHICKS

Buy Two and Three Week Old Chicks and Avoid Losses

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

EXTRA SPECIAL

PRICES EFFECTIVE IMMEDIATELY	50	100	500	1,000
S. C. White Leghorns	\$5.00	\$9.00	\$41.00	\$79.00
Barred Rocks and S. C. Reds	5.75	11.00	51.00	99.00
Wh. Rocks, Wh. Wyand. Buff Orps.	6.25	12.00	56.00	109.00
Broilers, all heavies—	\$9.00, 100; \$41.00, 500; L. Mixed	\$7.50, 100.		

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

WE SHIP C. O. D.

A Solid Foundation for Success with Poultry—Lakeview Business Breeds

LAKEVIEW POULTRY FARM, Box 6-A Holland, Michigan
M. J. KOLE, Owner Member International Baby Chick Association

Baby Chick Prices Slashed!

The Richardson Hatchery Producers of the Famous "Chicks With a Future"

Reduces Prices on all breeds of their Michigan Accredited, Blood-tested Chicks, A-No. 1 quality, May 7th. Now is the time to buy baby chicks, we should receive your order tomorrow.

	Per 100	500	1,000
Barred Plymouth Rocks	\$12.00	\$55.00	\$105
S. C. White Leghorns	10.00	45.00	90
Red Star Mating S. C. White Leghorns	12.00	55.00	105

A Dollar Bill Books Your Order

Dundee THE RICHARDSON HATCHERY Mich.

PROFIT PRODUCING CHICKS

ROCKS
LEGHORNS
R. I. REDS

Special Summer Prices

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

PRICES EFFECTIVE NOW

	50	100	500	1,000
S. C. White Leghorns	\$5.00	\$9.00	\$42.50	\$80.00
Barred Rocks—R. I. Reds	6.00	11.00	52.50	102.50
Broilers, all heavies, \$9.00 per 100; 500 for \$42.50. Mixed Broilers, \$8.00 per 100; 500 for \$37.50				

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

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

Brummer & Fredrickson Poultry Farm, Box 20, Holland, Michigan

1000 CHICKS ON HAND

Can ship at once at reduced prices

Barred, White and Buff Rocks, Reds, Bl. Minorcas 18¢. White Silver Laced Wyandottes, Buff Orpingtons, 15¢. White, Brown, Buff Leghorns, Anconas, 11½¢. Light Brahmas 18¢. Heavy Broilers, 11¢. Light mixed, 9¢. Grade "AA" chicks 5¢ per chick extra. If less than 100 ordered add 50¢ extra. After May 17th 2½¢ per Chick less. *WE GUARANTEE THESE CHICKS TO SATISFY! Send for

Free Catalog of Chicks from R. O. P. Male Matings
BREEDING STOCK, PULLETS, 3 WEEKS OLD CHIX

LAWRENCE HATCHERY

Tel. 72525

GRAND RAPIDS, MICH.

UNDERMAN CHICKS

New Low Prices C. O. D.

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

PRICES MAY 21 AND THEREAFTER	25	50	100	500	1,000
English type S. C. White Leghorns and Brown Leghorns, heavy type	\$2.25	\$4.75	\$9.00	\$42.50	\$80.00
Barred Rocks and S. C. Reds	3.25	6.00	11.00	50.00	95.00
Mixed Chicks \$7.00; Heavy Mixed \$9.00					

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

Hunderman Bros., R. R. 3, Box 50, Zeeland, Mich.

Jim Turns the Tables

But Radio Operator is Not Forgiven

By Francis Flood

FUNNY fellow, my partner Jim—as you've probably guessed already. He still thinks I stole his blinkin' old banjo back in Kano! And I told you he'd try to get even with me some way. Now, I may be wrong but I think I have it all figured out. See if this doesn't sound reasonable to you.

You see, he wasn't positive I was guilty, just as I can't prove he stole our car six years ago. And he was too conscientious to make me pay a penalty in the ordinary way without being sure. He's queer that way too. So he planned a clever revenge that included himself in the penalty as well as me. Square, you see. If I wasn't guilty, he had done nothing to me that he didn't share himself, and that's fair enough in any partnership. And if I was guilty, he had his sweet revenge, even though he suffered the same penalty. Clever, the way he figured it out.

On this motorcycle trip of ours across Africa, Jim always had wanted

to tell who had won, Jim or I. If the road was that good, it was probably better than the southern way. And "Bad Roads" Jim said something about, "If the road is that good all the way there's no use of our making the trip."

Well, that was apparently that.

But we afterward learned, from actual experience and from those who had been in the country long enough to have forgotten their first two black wives, that there never has been an automobile from Zinder to N'Guigmi except a government fleet of armored caterpillar tanks and a young army to handle them. And from Mao to Abechir nothing on wheels had ever been!

I CAN think of only one reason why a radio operator of several years' experience in the country, talking every day with other stations, would give out such erroneous information of such vital importance—and that reason had red, curly hair. He wanted



A Masked Tuareg in his Desert Camp, Surrounded by Travel-Stained Camel Trappings.

to go north of Lake Chad, up in the edge of the Sahara Desert where everyone in Nigeria told us we couldn't go. They all advised us to try the south side. A motorcycle had never gone even that way before, but it would certainly be impossible north of Chad. And that's why Jim wanted to go there.

Of course, we finally compromised by going that way. I made the one reservation, however, that when—and if—we arrived in Zinder we would make careful inquiry again. If they told us there, right in the questionable country itself, that the route north of Chad was impossible we would go back to Kano and try it the other way. Very well.

"Let's go up to the radio station and inquire about the roads," Jim suggested to me our second afternoon in Zinder. He'd been out that morning taking pictures while I stayed in the house of our missionary friend, Mr. Lee, darning socks.

WE climbed the sandy radio hill and, after a barrage of bad French with the operators, were directed to the rambling mud house of an assistant who could speak English. We found him, a burly young chap dressed in the colonial costume of French "Accidental Africa," which is a full black beard and pajamas. He was sitting on an empty wine box gently cursing his dog, "Mistinguette." A voluptuous black young female dressed in silver-colored bracelets and part of a yellow skirt scooped up a salt-and-pepper little "pickin'" and squatted in the corner as we entered.

"We're driving a couple of motorcycles across Africa," I announced after we were properly introduced to Mistinguette but not to the poor relations in the corner. "How's the road north of Chad, through N'Guigmi and Mao? For motorcycles?" I felt that Jim's case was lost for it was very patent that this chap was enough of an old colonial to know all about the roads.

"Oh, eet ees good," he assured us. "A bonne route!"

"What? You mean there is a good auto road to N'Guigmi and on through Mao to Abechir?"

He shrugged his pajamas. "Non, not a fine road, m'sieu. But the automobile she march wiz mail each week to N'Guigmi."

"An automobile goes regularly from here to N'Guigmi?"

"Regulièrement," he assured us. "And from Mao to Abechir, on the other side, the mail she comes wiz automobile too aussi."

After such news as that it was hard

to go north of Chad, and we have started.

Jim is sharing the penalty with me of course, and the other day when we were lost back there in that shimmering sand and I didn't have a single swallow of water for eighteen long, hot hours, Jim didn't either. And, when I finally drank the water out of the carbide generator on my motorcycle, Jim drank the equal half-pint out of his. If we finally get through to Khartoum, Jim will be there too, and I'll give him the credit for selecting the most interesting route.

But I'll never forgive that radio operator!

From the roof of Lee's house later in the afternoon we looked out over the sizzling, sand bound town of Zinder and the routes from the east and west. Yonder came a camel caravan from Kano, the awkward grumbling beasts loaded down with groceries, clothing, and even gasoline, competing with the auto truck in economy of transportation, slow as the camels are.

On the other side of town toward that haze which I knew unfolded into the great Sahara itself were some other tired caravans, unloaded and encamped on "the rocks," a Tuareg caravanserai a few miles out of town.

These most picturesque of all the Bedouin desert tribes, the "Terrible Tuaregs" as they are unjustly called, will not camp within the city. They are sufficient unto themselves and live accordingly—independent, the freest people in the world. Their gray cloth mask drawn up over mouth and nose reveals only a pair of steady, quiet eyes and a high forehead, too light in color ever to be confused with black. There was for me a strong, mysterious fascination in those firm, masked faces of the Tuaregs.

WE rode out with Lee that evening to their camp in "the rocks" and were received as by nobility itself. There was none of the jabbering confusion and awkward staring such a visit usually occasioned among other African tribes. Lee addressed them in Arabic, and they showed us their travel-stained camel trappings, their desert camping gear, and the formidable saddlery of their horses. If we had chosen to spend the night in their camp we would have had, as their guests, all the safety that their short carbines and long knives could insure anyone.

Next day we packed our kit and started out. We shaved that morning and then gave our razor to Mr. Lee and vowed we'd shave no more until we reached civilization on the (Continued on page 743)



What Price Cod Liver Oil?

Which is cheaper? A nondescript oil, untested, that comes from goodness-knows-where, but with a temptingly low price... OR Nopco, tested, proven, guaranteed, and sold at the lowest price consistent with its quality? For the poultry keeper who judges by results, Nopco is much the cheapest. A pint does the work of a quart of the ordinary oil—yields \$6.00 in profit for every dollar of cost.

When you feed Nopco, you feed cod liver oil that is proven pure by a searching chemical test, proven potent in Vitamins A and D by two biological tests on baby chicks and white rats. Every lot of Nopco is so tested and guaranteed. We know that it will get results because we have proven it before we put it in the sealed, distinctive yellow can. With the cheaper, untested oil, you do not know and may spend your money for nothing.

Feed Nopco all summer. Our free 24 page booklet gives full information.

NOPCO Cod Liver Oil

for Poultry and Animal Feeding

If your dealer

is out of stock, send one dollar for a trial quart can. Also obtainable in half gallon cans—\$1.75. One gallon can—\$3.00.

NATIONAL OIL PRODUCTS CO., Inc.
Refiners of Cod Liver Oil for 25 Years
16 Essex St., Harrison, New Jersey
Dealers! Write for information

Buy Huber's Reliable CHICKS

Prices the Lowest in Our History—Chicks 7½c and Up.

Fine pure-bred stock. Careful records kept on flock breeding. Will not ship less than 25 chicks. On orders for 25 to 75 chicks add 25c extra to your order. Barred and White Rocks, R. C. and S. C. R. I. Reds, S. C. Buff Orpingtons, 11c—S. C. White & Brown Leghorns, S. C. Anconas, S. C. Black Minorcas, 9½c—White Wyandottes, 12c—Columbian Wyandottes, S. C. White Minorcas, 14c—Heavy Mixed 10c—Light Mixed, 8c. June Chicks 50c per hundred lower than above prices. On orders for 400 or more chicks take discount of 50c per hundred. C. O. D. Can book your order by sending 10% of the amount—balance C. O. D. postage added. Order today. Free catalog. Special Book on care of Chicks with each order amounting to \$8 or more. 8 to 10 week pullets ready for immediate delivery.

HUBER'S RELIABLE HATCHERY
East High Street Fostoria, Ohio

Second edition (100,000) of this famous book just off the press. 64 pages (24 pages more than first 100,000 edition). 100 pictures. Will help you make more money on your poultry. Gold mine of information—all written by experts. Tells about feeding, breeding, mating, culling (shows the hen machinery that makes the egg). Tells, too, how dried buttermilk makes more fertile eggs for hatching; increases infertile egg production; builds healthier, disease-free chicks; wards off coccidiosis; keeps pullets growing to bring eggs when eggs are high; shortens molt and gets hens back to heavy egg production in a hurry. This big poultry manual FREE, post paid. Send your name, address and name of your feed dealer. Post card will do.

COLLIS PRODUCTS COMPANY
Dept. 68
CLINTON, IA.

GETTING CHICKS TO ROOST

YOUR chicks that are hatched early should now be ready, and up to the size, where they will stay away from the brooder stoves most of the time. They should also be going to roost early in the evening. You can gradually reduce the heat under the brooders, except on cold, damp nights. You can soon put out the brooder stove altogether, and save some labor on your early chicks.

Where you want to get the chicks to roost, place the roosts low, even on the floor at first, and then raise them gradually as the chicks learn to use them.

One by two inch boards, set up edge-ways, make an ideal roost for chicks at weaning time, and they can be turned down flat as they grow older. The edges should, of course, be rounded slightly.—V. H.

RAIN STORM LOSSES

WITH chicks on the range you will have to keep a watchful eye to see that the chicks get inside on showery days. Sometimes a group of chicks that are well feathered out will be so interested in ranging that they will get caught by sudden showers, down, or else get wet and so badly chilled that you will have heavy losses.

Shelters can be provided over the range, at convenient places. While the chicks are still small, it is well to keep them confined close enough to the house to be able to drive them in if necessary, or until they learn to care for themselves.

Sheds on the range can be made of rough boards or building paper, and need not have any sides.

When cold showery days come, it is well to start up the brooder stove, but, by all means, do start up the brooder stove on cold, damp, chilly nights. Chicks, even though feathered out, will do better if brooder stoves are run at night to dry out the house and remove the chill air.—R. H.

FEEDING TURKEYS

Could you please give me some reliable formula on how to feed baby turkeys from the time they are hatched until they are out of danger or, better still, right through the season? I'm going to set 125 eggs in incubator and intend to raise them in an inclosure of about one-half acre.—Mrs. L. L.

Stale bread soaked in milk and squeezed dry is sometimes used for starting poults. Three parts corn meal and one part bran baked into a hard bread and then crumbled, makes a good starter. The commercial dried buttermilk starting mash also give good results.

As the young turkeys develop, they can be fed fine chick scratch grain followed by cracked corn and whole wheat. Wheat and whole corn can be used as soon as the turkeys are large enough to eat it. Most turkey breeders use quite a large range and until fall the birds gather a large part of their living from the insect life, seeds, and green feed which they harvest for themselves.

On the limited turkey range the poults must be supplied with a balanced ration about the same as growing poultry of any kind.

MODEL BROODER HOUSES

SIXTY-FIVE farmers and several specialists assisted in building the model brooder house erected in Saginaw County. A. B. Love, county agent, believes that the plans for this house will be used many times by farmers in the county.

The building of the model brooder house in Antrim County was followed by the erection of four similar houses built by farmers.

FEED CHICK STARTER

From the **THIRD DAY** to the **SIXTH WEEK**
A Scientific, Balanced Formula for Highest Feeding Efficiency



The Baby Chick Industry is founded on Nature's provision for sufficient food to enable the Baby Chick to live the first three days without feeding. For just prior to hatching, the yolk is absorbed into the body of the chick. This yolk is rich in fats and carbohydrates.

MICHIGAN CHICK STARTER is a balanced formula based on a scientific combination of similar feed that carries on where nature leaves off.

MICHIGAN CHICK STARTER is rich in vitamins and is properly balanced with the necessary cereal and animal proteins to give the highest feeding efficiency, enabling the chicks to Live and Grow.

Feed it Regularly, from the THIRD DAY to the SIXTH WEEK.

On request, we'll gladly send you an instructive folder on Poultry Feeds, which contains valuable feeding suggestions.

MICHIGAN FARM BUREAU
SEED SERVICE - SUPPLY SERVICE
Lansing - Michigan

Town Line POULTRY FARM

Hollywood and Tanager Strains and English Type S. C. White Leghorns

Also Brown Leghorns, Anconas and Barred Rocks

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

	50	100	500	1,000
S. C. Wh. Leg. (Eng. Type)	\$4.50	\$8.00	\$37.50	\$70.00
S. C. Wh. Leg. (Hollywood or Tanager Mated)	5.50	10.00	47.50	90.00
Br. Leghorns & Anconas	5.00	9.00	42.50	80.00
Barred Rocks & R. I. Reds	5.50	10.00	47.50	90.00
Mixed chicks for Broilers	3.50	6.00	30.00	50.00

Get Our Attractive Prices on 8-10 Week Old Pullets
TOWNLINE POULTRY FARM, R. 1, Box 207, ZEELAND, MICHIGAN



DILIGENT CHICKS DID IT and will do it for you.

Still a few folders left, ask for one and read the unsolicited testimonials from our customers who have done well with DILIGENT CHICKS. One farmer in our neighborhood who keeps about 400 DILIGENT hens received a check of \$56.10 for eggs laid in one week from April 21 up to April 28. Ten week old pullets \$85.00 per hundred.

	50	100	200	500
S. C. White Leghorns	\$4.25	\$8.00	\$15.50	\$37.50
Barred Plymouth Rocks	5.25	10.00	19.50	47.50
S. C. Rhode Island Reds	5.25	10.00	19.50	47.50
Mixed Chicks (All heavy)	4.75	9.00	17.50	42.50
Mixed Chicks (Light)	3.75	7.00	13.50	32.50

DILIGENT HATCHERY AND POULTRY FARM
Harm J. Knoll, Owner, R. R. No. 4 HOLLAND, MICHIGAN

Babion's Pure Bred Chicks

Trapnested Matings add 3c; Blue Ribbon Pens add 4c Each.

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

BABION'S FRUIT AND POULTRY FARMS Lock Box 354-C Flint, Michigan

DUNDEE MICHIGAN ACCREDITED CHICKS

STOCK ALL BLOODTESTED FOR WHITE DIARRHEA FOR THE PAST FOUR YEARS.
New Low Prices Now In Effect

	100	500	1,000
B. P. Rocks (Pedigree Mating 200 to 250)	\$12.00	\$55.00	\$110.00
B. P. Rocks (Selected Grade)	10.00	45.00	90.00
S. C. White Leghorns (Tanager & Hollywood Mating 230 to 291)	10.00	45.00	90.00
S. C. White Leghorns (Dundee English Mating Pedigree 200 to 230)	9.00	40.00	80.00

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

DUNDEE HATCHERY & POULTRY FARMS — DUNDEE, MICHIGAN

MICHIGAN ACCREDITED CHICKS

BARGAIN PRICES FOR MAY DELIVERY

From large, heavy, carefully selected free range birds. Good winter layers.

	Per 100	200	500	Per 100	200	500
White Leghorns	\$8.50	\$16.50	\$40	Assorted Heavy	9.00	18.00
Brown Leghorns, Anconas	8.50	16.50	40	Assorted Heavy & Light	8.00	
Barred Rocks, S. C. R. I. Reds	10.50	21.00	50	Assorted Light	7.00	13.00

For delivery before May first—chicks are \$2.00 per 100 higher than prices quoted above. Order from this ad today. Save time and money. 100% live postpaid delivery. Write for free catalog.

HILLVIEW HATCHERY, C. BOVEN, Prop., HOLLAND, Mich., R. 8, Box M

CHICKS From Record of Performance Male Matings

Selected Chicks at reduced Prices. Can ship at once. White, Barred, Buff Rocks, Reds, White, Black, Buff Minorcas 12c. White or Silver Wyandottes, White, Buff, Orpingtons, Black, White Langshans 14c. Large Brahmas, Jersey Black Giants 16c. White, Brown, Buff Leghorns, Anconas, heavy mixed 8c. Light Mixed 7c. CHICKS FROM RECORD OF PERFORMANCE PEDIGREED MALE MATINGS up to \$10 egg record. Every female in these matings is mated to an OFFICIAL TRAPNEST PEDIGREED MALE. Barred, White Rocks, Single or Rose Comb Reds, White Wyandottes, Black Minorcas, Buff Orpingtons 17c. White, Brown Leghorns, Anconas 14c. 5c per chick with order, balance C. O. D. If less than 100 ordered add 40c extra. Free catalog of R. O. P. Male Matings, Breeding Stock, Pullets, 3 weeks old chix, 2,000 on hand. June 20th to July 30th 1c per chick less.

BECKMANN HATCHERY, Phone 76761, Grand Rapids, Michigan



OUR PAGE

What the Poets Say

Inspiration From Merry Circlers

A THRILLING COMMOTION

Noise is a commotion,
The outburst of a thrill.
When Marquerite plays the organ
It's hard to keep her still.

Now this commotion
Works wonders in our gang.
Where did Norman get the notion
To talk a little slang?

Cecelia's singing "Yankee Doodle,"
Eleanor's finger is in the jam,
Mary's playing with the poodle,
Helen's teasing all she can.

Virginia is a good little girl,
As good as she can be.
She'll give the baby an awful whirl
When there's no one around to see.

Now there's eight of us around here
That's young and full of pep.
We know just when we all adhere
To the golden rule, you bet.

When Daddy starts the reading
And Mother gives a glance,
We know there's something brewing,
So we cannot take a chance.

To fill a funny notion
That gets within our heads,
Lest Mother starts a commotion
And puts us all to bed.

About myself I'll not loath
The eighth you'll readily see
Is the writer of this note,
Dorothy Drews, M. C.

EVOLUTION

Do you believe, Merry Circlers,
We descended from the monk?



Alice Foote and Her Big Doll

If you've read the bible, you'll know,
Evolution is the bunk.

If we descended from the ape
We ought to have a tail,
And a great big puffed up chin;
And what makes our skin so pale?

Evolution may be all right,
With animals, and can
Be used all right with plants,
But it is not so in man.

I believe that God made Adam
As first man, and no other,
And out of his side took Eve,
Of all mankind, the mother.

If your radio starts in squaking;
"Station B-U-N-K,"
You can just say to yourself;
"The Evolutionists are on today."
"Doughnut"

I WONDER—

It's often been my wonder,
As I gazed in starlit night,
Who guides the stars in time of strife,
And sets their paths aright?

Where do the flaming meteors soar,
Through endless ends of space?
What makes the rumbling thunder
Keeps sun and moon apart?

What makes the pittering raindrops
fall,
On fields of thirsting grain?
Who turns it off so, and later,
Turns it on again?

What makes the shining sun show up
So promptly at the break of day?
Why do the roses ope to the sun,
What shoves the fleecy clouds away?

Oh, this world is full of things,
For me to think about,
When I get older, mama says,
I'll know without a doubt.

By the Critic.

BIRDS

Here and there
And everywhere,
You see them flying
In the air.

Gaudy birds
Among the trees,
Gently swaying
With the breeze.

Cheerful whistles,
Terrified squalls,
Happy singing,
And mournful calls.

Mother bird watches
O'er her nest,
Father bird sings
With swelling breast.

Little birds hatch

And fly and grow,
And live their life
With friend and foe.
By Gladys Maine.

BE GLAD!

Wear a smile through the day,
Letting cares slip away,
And forgetting all wrong and all bad.

Sing a song on your way,
You will find it to pay,
To forget all the trouble you've had.

It is fun to be glad
Neither moody nor sad.
You will notice the sun shining bright.

And no matter how bad
Are the times you have had—
"After darkness there follows the
light."—"Pebble."

Our Letter Box

Dear Uncle Frank & M. C.'s:

If all you M. C.'s had a wish and
it would be granted, what would you
covet? I would covet a friend.

A friend, did I hear you exclaim
when there is wealth, success, happi-
ness, etc., to choose from? Why
friends are easily acquired! But are
they? They are not!

My dears, there are friends and
friends. By what I mean true, loyal,



Zona Amos Calls This "Pals"

trustworthy friends, and just friends.
I prefer and am discussing the former.
There is nothing more valuable than
a true friend. One to confide in; to
trust with your innermost secrets; to
give consolation when ill physically
and mentally. Also to share their
trust. Such a friend is a priceless
treasure. A true friend is worth
boundless wealth.

What value is success when there
are no friends to share it with? Hap-
piness is acquired through such
friends. My mother is considered my
friend. Is not such a friend worth
having? Is this item worth discus-
sing? I shall let Uncle Frank be the
judge.

My sincerest wishes to all.—Bob.
I like your friendly sentiments.
Friendship is a priceless treasure, and
the ability to make good friends is a
worthy one. One's outlook on life
determines the number and kind of
friends one makes.

Dear Uncle Frank and Cousins:

We live on an eighty-acre farm and
have to travel nine miles for our food
supplies. My sister and I walked
there once and we sure were tired
when we got back.

If God made Adam and Eve, where
did black people come in the world?
I guess no one knows how we were
made. Don't you think so, Uncle
Frank?

Say, Uncle Frank, must the contests
be answered in ink or can they be
written with pencil? The Merry
Circlers write some interesting let-
ters. I just love to read them. Well,
I hope Mr. Wastebasket has a tummy
ache.—Myrtle LaChapelle.

You have asked a question that
makes one think. Environment has
had some effect on making different
races of people. Contests may be an-
swered in pencil but please write
plainly. It is hard to read a lot of
poorly written contest papers.

Dear Uncle Frank:

I am a very old member of the
Merry Circle Club. I joined a number
of years ago but I still have my mem-
bership card. It is a very long time
since I even saw your paper but today
as I came from my class I spied a
Michigan Farmer. I will say as long
as I read the Page I was greatly in-
terested in it.—Vivian Young.

I am glad you retain your interest
in Our Page and hope that it will be
so that you can read it regularly.

Dear Uncle Frank:

I herewith wish to take the liberty
of thanking you very much for the
notebook I won in a recent contest.
I now have two, one black, one red
both are sure dandies. No doubt you
did not have the chance to enter the
contests like you make possible for
us young folks. If you didn't, I feel
you missed a great deal.

If anyone would ask me if I know
of a school which offered lessons at
home in spare time, I would say, why,
yes, subscribe for the M. F. and read
the M. C. pages. They would learn
a great deal.

I think the contests are of value to
the contestants, especially the essays.
I enjoy them. I have two friends
through the correspondence scramble
to whom I enjoy to write and receive
letters. It is interesting.

It is of much pleasure to me to read
the Homecomers' letters. Sure is
great to have the cooperation of our
parents. I wish to thank them for
their letters.—Clinton Van Duine.

When I was young there were clubs
for young folks but none like the

See What the G. C's Say

Discuss Our Page and the Circle

THERE is a proverb to the effect
that we should not put off until
tomorrow what we can do today,
and for that reason I will respond to
Uncle Frank's requests for letters from
G. C.'s; letters that will make Golden
Merry Circlers merrier than ever be-
cause they are members of Our Page.

As I reflect on how our Boys' and
Girls' page was fostered and babied
in its cradle by our good old Uncle
Frank for the sake of us boys and
girls and how it has developed into a
fine page devoted to the opinions and
activities of boys and girls, it seems
to me we ought to be glad to write
sensible and interesting letters so he
will have no trouble to make Our
Page the most interesting corner in
the M. F.

I mustn't forget that we owe a loud
long cheer to those boys and girls
(respectable men and women now)
who spent their spare time in writing
letters, etc., when this page was in its
infancy to make us and Uncle Frank
glad that it was not put out of exis-
tence.

And after we're finished ejaculating
over the astonishing growth that this
big interesting page has made, we'll
just get down to business and try
to make it better yet. What is the
aim and purpose of it? Isn't it to
make us future citizens better as a
result of being a member of it? It's
a place where we extol noble traits
and characters, debate on good and
bad habits, discuss interesting topics
of the day, and learn to express our-
selves on paper. In addition, we've
gotten friends, and have been given
prizes for promptness and good work.
And last but not least, we've buttons
to prove our membership, which I
think also should be our responsibility
to Our Page.

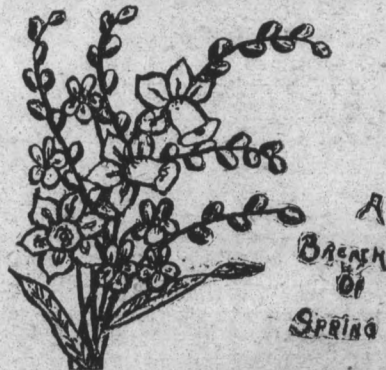
In conclusion, I want to encourage
you boys and girls to contribute let-
ters, essays, etc., for your own sake as
well as Uncle Frank's and present
and future Merry Circlers to suggest
interesting and wholesome topics to
discuss and new contests to show our
skill and intelligence; in short, to
make it a page of entertainment and

inspiration to us all.—An M. C., Al-
bert Peterson.

Since it is again the annual re-
union time of the G. C.'s and you have
asked us to contribute, I will, even
if not much of a letter, so when you
call the roll I will answer "present."

I have been a G. C. only a few
weeks and I certainly was surprised
to receive the G. C. membership card
and button and I want to thank you
for them. I have always wished to
be qualified as a member of the
Golden Circle but thought that during
my years as a Merry Circler, I would
not ever be able to attain that honor
and I don't know whether I deserve it.

I think the idea of putting on a play
is just fine for those who live in or
around Detroit. We who are here in



Beulah Place Drew This

the Upper Peninsula can't take part
in them but hope that those who are
close there get interested in the plan.

Many good letters have appeared on
Our Page lately. Some of the "catty"
ones have been hot but are cooling
off.

I hope that other Golden Circlers
who are more gifted with the pen will
write as mine is a total failure as I
first said, but "half a loaf is better
than no bread" so it is the same with
this.

I hope that the "old faithfuls" will
respond "full force" to the reunion.
A silent M. C. and G. C.—Lilly Tervo.

Merry Circle. If I could revert to youth again, I certainly would take active part in such a club. But I am fortunate as I get a great kick out of conducting the M. C.

Dear Uncle Frank:

I have lived on a farm only since last April. As my grandmother took the M. F. she soon had me reading Our Page. She reads it herself and, like I, finds some interesting letters. Uncle, what is the 4-H Club? I imagine the 4-H is honest, helpful, healthy, and happy.

Lindy may have and hold a high rank, that is only for the time being. There were other men greater than he is. Crimson Rose has the right idea. Columbus, the Pilgrims, and Jesus Christ were greater than he. But Christ ranked first.

I can see no sense in forming a habit of stealing, lying, smoking, drinking, etc. If a habit is once formed, it can never be broken. Children who steal grow to be thieves, children and grown-ups who lie never get any place. Smoking makes young boys lazy, and drinking drives people to their graves. Forming a good habit is as easy as forming a bad one.—Jenny Lind.

The 4-H refers to head, heart, hand, and health. You have some good ideas regarding habits. I am glad grandmother likes Our Page.

Dear Uncle Frank:

I read something real interesting today by Stuart P. Sherman. He said "We number our Americans on our ten fingers. Anyone who will take the trouble to be born may become a citizen of the United States. To become an American requires other talents." He said that Washington was the Father of his Country, but he lacked a certain indispensable tang to be called an American. He said that Lincoln was our first American. Probably I could agree with him if he had convinced me that the indispensable tang (whatever it may have been) kept him from being an American. So, consequently, now I do not. He also said that an American does a thing because it is right and it is right because he does it. Other M. C.'s, give your opinions on this. So long.—Iris.

According to the dictionary, "Tang" means strong flavor, sound, or tone. Perhaps some of us are not strong enough flavored to be Americans or we may not be loud-mouthed enough.

THE READ AND WINNERS

THIS contest has made a record; it got fewer responses than any Read and Win contest we ever had. There may be two reasons for this: the rush of spring work on the farm, and the fact that I forgot to state that there would be prizes as usual. Another unusual feature was that not one answered question No. 4 which was answered on the picture page. Even though no prizes were mentioned, all who sent in papers even though not right will be given prizes.

Pencils

Esther Hendrickson, Box 372, Norway, Mich.
Christine Koscielniak, Gaylord.
Helen Dodes, R. 1, Concord, Mich.
Lilly Tervo, Snake River Hill, Chas-sell, Mich.
Marvin Fischer, R. 2, Marlette.
Ellen Ewing, R. 1, Marquette, Mich.
Vera Philip, Dorr, Michigan.
Virginia Stapleton, 13515 Gable Ave., Detroit, Michigan.
Lucie Halvorsen, Dowagiac, Mich.
Clark Churchill, Deford, Michigan.
Pauline Martinus R. 3, Birch Run.

Read and Win Answers

1. One year.—682-14.
2. One-half.—19-687.
3. Four.—29-697.
4. Capt. Zimmer.—686-18.
5. Sixty-three cents.—27-695.
6. No.—21-689.
7. \$14,260,564.—15-683.
8. \$650.—7-675.

ADD A LETTER CONTEST

WE have had contests of this kind before but each time some contestants did not get the right idea. The purpose is to start with one letter and add a letter each time to make a word. For instance, to start with "O" it would work somewhat like this: O, on, now, town, towns, etc. You will note that only letters that have been used, plus one other, are used each time.

For this contest we will start with the letter F. Ten prizes will be given for the best lists, two fountain pens, three dictionaries, and five clutch pencils. All who make correct lists and are not M. C.'s will get buttons and membership cards. This contest closes June 8th. Address your letters to

Uncle Frank, Michigan Farmer, Detroit, Mich. Don't forget to put your name and address in the upper left hand corner of your paper, and M. C. after your name if you are a Merry Circler.

JIM TURNS THE TABLES

(Continued from page 740)

other side of Africa. After four weeks now I find it hard to keep the sand burrs out of my beard, but my long moustache is very helpful indeed since I've broken my only set of trick teeth on this hard French bread. It had long been a sore point between Jim and me as to who could raise the longest beard in a given time. He has me beaten in sheer length so far, the first four weeks, but his is a hideous, piratical red while mine is a dignified, stately black. Besides, I think he is beginning to weaken. His growth seems to be going to seed while I believe mine is actually starting to stool out.

We left Zinder the day before Christmas. The road was fairly good and we made about sixty miles by dark.

CHRISTMAS EVE! That night my wife and family at home were probably gathered about a tinsel Christmas tree in their snow-bound home in Nebraska. They were singing Christmas carols and thinking of the three wise men of the East, and two unwise men as well, trekking a starlight desert far away.

Christmas Eve! Jim and I spread our blankets in the sandbound caravan trail beneath a straggling little tree that must have grown there for that very Christmas Eve. A howling jackal pack carolled from a distant dune. Off to the right we could hear the pagan tom toms of a little native village. But no spirit of Christmas cheer inspired the thumpings of those pagan drums. Only a few gallons of millet beer instead.

Finally these few noises drifted away into calm and Jim recited before he went to sleep:

"Twas the night before Christmas,
And all through the desert,
Not a creature was stirring,
Not even a mouse."

We had hung up our stockings that Christmas Eve, partly in honor of the occasion but partly to keep out any black scorpions which might crawl inside to nest. The next morning mine was full of sand burrs—left there, I think, by some red-haired Santa Claus.

About noon, that boiling Christmas Day, we reached the little French fort Goure, about a hundred miles from Zinder. Of all the lonely places in the earth I'd ever seen—up to that time—this pitiful little military pariah was the worst. And this was Christmas Day in the morning!

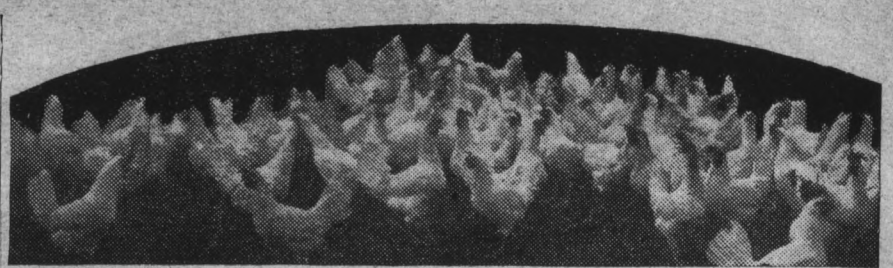
ON the top of a barren dune the graceless, flat-topped fort slouched within its walls like a hat crushed on a bald and sunburned head. A black soldier slept in the sand before the gate. The firing niches at intervals along the wall were crumbling at the corners. Even the sentry boxes and the lookout tower on the farther side were all untenanted. But there, on the flagpole above the gate, the French Tricolor, fading in the desert sun, proclaimed that it was Christmas Day in the morning.

Two Frenchmen lived alone in this military hermitage, far from the crowd, indeed, but close, eternally close, to the maddening solitude. One had lain ill for weeks. The other wished us a Merry Christmas—and then advised us that we had taken the wrong trail and would have to return to the fork in the road, forty miles back!

"Mais restez ici," he insisted. "Pour le grand Christmas dîner ce soir." The prospects of his "grand" Christmas dinner were more inviting than the prospect of pushing our heavily-loaded motorcycles up those same forty miles of sand hills we had just skidded down.

"You're on, old timer," said Jim. "And I hope you don't mean maybe." I translated into French Jim's enthusiastic acceptance of the "grand dinner" and assured the young gendarme that my partner had said that we really should push on but if monsieur wouldn't go to any trouble for us we believed we'd stay after all.

That was our Christmas Day, and thus was our Christmas dinner. It was "grand" all right, and I am sure that if our families at home tried to wish some of their Christmas goose or cranberry sauce to the two unwise men of the desert that night, it met a turkey wishbone coming back. If that hospitable French soldier's only desire was to feel that his American visitors had all they wanted to eat that night I'm sure we all three went to bed well satisfied.



CHICKS FOR IMMEDIATE DELIVERY

Pure Hollywood and Hollywood Mated Leghorns

AT PRICES THAT ARE RIGHT

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

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

June Prices Now in Effect	100	500	1,000
"A" Mating White Leghorns	\$14.00	\$65.00	\$125.00
"B" Mating White Leghorns	12.00	55.00	105.00
"C" Mating White Leghorns	9.00	42.00	80.00
Barred Plymouth Rocks	13.00	60.00	115.00
Mottled Anconas	10.00	45.00	90.00
Odds and Ends	6.00		

We Guarantee Live Delivery and pay the postage. Pay only \$1.00 per 100 down. Balance C. O. D. or any time before delivery.

Order direct from this ad or write for Catalog

Wynyard Farms & Hatchery, Box M, Zeeland, Mich.



ARROWHEAD QUALITY CHICKS

SUMMER PRICES

	100	500	1,000
S. C. Wh. and Br. Leghorns	\$9.00	\$42.50	\$80.00
Br. and Wh. Rocks, S. C. & R. C. Reds, Bl. Minorcas & Anconas	10.00	47.50	90.00
Buff Orpingtons & White Wyandottes	11.00	50.00	
Odd and Ends for broilers	7.00		

Order now at these low prices on quality chicks \$1.00 per hundred deposit, balance C. O. D.

ARROWHEAD POULTRY FARMS
Main Office: LAPEER, MICH.

PULLETS NOW READY

We will have thousands of 8 & 10 wks. White Leghorn Pullets for May, June & July delivery. We specialize on White Leghorns only. Pullets that will develop in a large type laying strain. Write for prices. Special prices on chicks after May 15

	100	500	1,000
S. C. White Leghorns	\$9.00	\$42.50	\$80
S. C. White Leghorns from special old hen matings	10.00	47.50	90
Barred Rocks	13.00	62.50	120
Mixed Chicks	6.00		

Get a chick books your order. 100% live delivery guaranteed. Village View Poultry Farm, Zeeland, Mich., R. 3, Box 2. Harry Ter Haar, Owner.



BABY CHICK SPECIAL

Years of breeding for higher egg production has placed our stock on a high Standard of Quality. Among 500 White Leghorns trapped on our own farm, a large part averaged 24 to 30 eggs monthly during the past winter. Our Sheppard's Anconas and Holtermans' Strain Barred Rocks are also of very best quality. Order direct from this Ad. We Guarantee 100% Live Delivery.

Pay Only \$1.00 Down. Balance C. O. D.	Barron and Tanager Foundation	100	200	500
All Michigan Accredited.	S. C. White Leghorns	\$8.00	\$16.00	\$37.50
Finest Egg Strains.	Trapped Pure Hanson S. C. White Leghorns	12.00	24.00	57.50
Largest Type Barred Rocks	Sheppard's Strain Anconas	8.00	16.00	37.50
	Barred Plymouth Rocks	10.50	21.00	50.00
	Mixed	6.75	13.50	32.50

MICHIGAN HATCHERY & POULTRY FARM, BOX 2, HOLLAND, MICH.



CHICKS from Michigan Accredited Flocks

Bargain Prices for May and June Delivery

Chicks from large, heavy carefully selected birds. Good winter layers.
White and Brown Leghorns: 100, \$8.50; 200, \$16.50; 500, \$40.00. Barred Rocks: 100, \$10.50; 200, \$21.00; 500, \$50.00. Heavy Assorted: 100, \$9.00; 200, \$18.00. Heavy and Light Assorted: 100, \$8.00. Light Assorted: 100, \$7.00; 200, \$13.00.

Order from this ad today. Save time and money. 100% live postpaid delivery. Write for pullet bargains. Write for free catalog.
KNOLL'S HATCHERY & POULTRY FARM
R. F. D. No. 12, Box M. F., Holland, Mich.

White Leghorns hens and males now half price. Thousands of eight-week-old pullets. Also baby chicks and eggs. Trapped, pedigree foundation stock, egg bred 25 years. Winners at 20 egg contests. Catalog and special price bulletin free. I ship C. O. D. and guarantee satisfaction.
George B. Ferris, 934 Union, Grand Rapids, Mich.

SHIP YOUR DRESSED CALVES and LIVE POULTRY TO DETROIT BEEF COMPANY

Oldest and most reliable commission house in Detroit. Write for new shippers' guide, shipping tags and quotations.

Detroit Beef Company,
1903 Adelaide St. Detroit, Mich.

LET US SAVE YOU \$5.00

On every 100 Barred Plymouth Rock Baby Chicks—Save \$3.00 on each 100 S. C. White Leghorns.

All of our chicks are highest quality. Michigan Accredited.

HERE IS YOUR OPPORTUNITY TO SAVE.

Are You Going To?

"Save Money" Price List Effective May 7th:

	100	500	1,000
B. P. Rocks	\$12.00	\$57.00	\$110
S. C. Reds	12.00	57.00	110
S. C. White Leghorns	10.00	47.50	90

THE CARLETON HATCHERY, Carleton, Mich.

SEND NO MONEY for SILVER CHICKS

We ship C. O. D. and guarantee 100 per cent live delivery. Wh. and Br. Leghorns, 8c; Buff Leghorns, 10c; Ed. Rocks, Wh. Rocks, S. C. Reds, Br. Min., 10c; Buff Rocks, Buff Orp., Wh. Wyand., Wh. and Buff Minorcas, R. C. Reds, 11c; Light Brahmas, 14c; Mixed 7c; Heavy Mixed 8c. Orders for 50 chicks one cent more, 25 chicks two cents more per chick.

Silver Lake Egg Farm, Box M, Silver Lake, Indiana

Baby Chicks

\$6.00 per 100

Good White Leghorn Baby Chicks below cost price. Also light mixed at \$5.00 per 100. Order direct from this ad, and do not delay. 100% live delivery guaranteed at your door.

MAPLE GROVE POULTRY FARM
R. No. 4 Zeeland, Michigan

REDUCED PRICES FOR MAY and JUNE

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

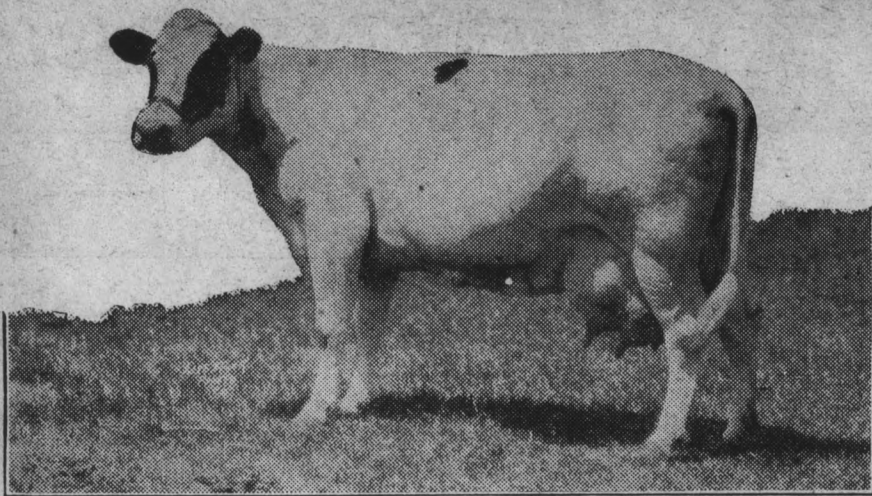
	100	500
White Leghorns	\$8.00	\$37.50
Barred Rocks	10.00	47.50

Circular free.
HILLSIDE HATCHERY, R. No. 3, Holland, Mich.

CLASS A CHICKS AND PULLETS

Chicks at 6c up. No money down. 100% live delivery postpaid. Healthy, even sized, well developed pullets. We will have from 2 to 3,000 pullets ready to ship in June. All varieties. Write for low prices.
BOS HATCHERY, R. 2 M., Zeeland, Mich.

SELL your poultry, baby chicks, hatching eggs and real estate through a Michigan Farmer classified advertisement.



One of the Good Ones in the Holstein Herd at
Serradella Farm, Oscoda, Michigan

Herd Average for One Year:

14388.1 lbs. Milk, 601.1 lbs. Butter, per cow

Mr. Tansky, manager of Serradella Farm, writes as follows:

"I am fully convinced that Corn Gluten Feed was a big factor in our good average production for the year. We figure that Corn Gluten Feed is to be the base of our ration; and that the ration is to contain at least 25% Gluten Feed, preferably 30% to 35% according to conditions."

The Corn Gluten Feed used at Serradella Farm is

Buffalo Corn Gluten Feed

Write us for free circular showing
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Ration Service Dept.

CORN PRODUCTS REFINING CO.
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MAKERS OF THE FEEDS THAT ARE
IN EVERY LIVE DEALER'S STOCK
AND EVERY GOOD DAIRY RATION



23% Protein

BULL CALF FOR SALE

Born July 18, 1927

KALAMAZOO STATE HOSPITAL

HIS DAM: Newberry Peldora Fobes made 537 pounds butter and 13,386 pounds milk in a year and 506 pounds butter and 12,723 pounds milk in 305 days.

HIS SIRE: Sir Pietertje Hengerveld Lad out of a 26 pound daughter of Johan Hengerveld Lad who has 87 tested daughters. He is a good individual. Write for Pedigree.

"Michigan State Herds"



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The Best is the
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It costs the same
per pound to ship
average beef ani-
mals to market as
it does prime beef
animals, yet the
latter dress 10%
more.

WILDWOOD FARMS

ORION, MICHIGAN

W. E. SCRIPPS, Prop. SIDNEY SMITH, Sup.

Wanted--Grade Guernsey Cow

Must be under six years of age. Must carry record of at least 350 pounds butter-fat. Write JOHN BOER, Jenison, Mich.

I Have a Number of attractive Guernsey bull calves for sale at reasonable prices. FRANK E. ROBSON, Box 56-A, R. F. D. No. 3, Ann Arbor, Michigan.

GUERNSEYS either sex, whose sires' dams have official records of 15,000.10 milk, 778.80 fat, 19,460.50 milk, 909.05 fat. T. V. HICKS, Battle Creek, Mich., R. 1.

FOR practically pure-bred GUERNSEY or HOLSTEIN calves, from heavy, rich milkers, write EDGEWOOD DAIRY FARMS, Whitewater, Wis.

Guernsey Dairy Heifer Calves, practically pure bred \$25.00 each. We ship C. O. D. Write L. Terwilliger, Wauwatosa, Wis.

FOR SALE Pure Breed Guernsey bulls, young and matured. All clean stock. Lockshore Farm, Cressy, Mich.

FOR SALE Registered Holstein-Friesian cows or heifers, your choice at farmers' prices, one Bull calf nearly white, ten days old for \$25.00. Accredited herd. E. A. LUNDBERG, Dimondale, Michigan.

Live Stock

SANITATION NECESSARY

ALTHOUGH milk-consumers have enjoyed much protection through the pasteurization of milk, the fact remains that many kinds of bacteria are able to survive the temperatures imposed by this process. It is, therefore, just as important as ever to produce milk under sanitary conditions. This is as valuable for those who use milk on the farm as it is for city consumers.

SHEEP PARASITE CONTROL

ONE hundred and forty sheep were dipped at a demonstration in Clinton County. Verne Freeman, live stock specialist at Michigan State College, is showing new methods of parasite control in several of the counties in Michigan. The meeting in Clinton County was held on a cold day and the sheep treated were low in vitality, but the flock came through without any ill effects from the enforced bath.

In the Van Buren dairy herd improvement association, there were fifty-eight cows producing above fifty pounds of butter-fat during April and sixty cows above 1,000 pounds of milk for that month.

JERSEY BREEDERS PLAN HERD TEST

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

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

Provision is made for the furnishing of a certificate by the club to the owners of the herd upon completing a year's record. All registered Jerseys in a herd that have ever come in milk must be placed in the test. Twelve test periods of twenty-four hours each are prescribed. Not more than forty milkings shall be supervised in one day by the tester. The tests of the cow tester in charge of Michigan dairy herd improvement associations will be accepted when approved by the superintendent of official testing.

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

The cost for entering cows in the Jersey Herd Test is small. A fee of \$5.00 per herd is charged when application for permission to test is made. In addition, a fee of ten cents per cow per month entered in the test will be charged to cover extra labor by the cow tester and for checking records at the office of superintendent of official testing.

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

Saves a peck of trouble

— a good flashlight does. Puts safe light right where you need it. And you can't say that for an ordinary lantern. I wouldn't go out to the barn without my Eveready. It's always right on the job with a big, bright beam to point the way and to save time and trouble.

I made sure my flashlight was a genuine Eveready, and of one thing more—it's always loaded with batteries of the same name. I like to get the most for my money and Eveready Batteries certainly give you THAT. Whatever you use a battery for, you'll do well to be sure it's an Eveready. That's another word for long-lasting dependability.

This Trade Mark and the
Orange Carton Guarantee To You

GOMBAULT'S



The safe, reliable liniment, counter-irritant or blister for VETERINARY and HUMAN treatment. Used and well known for over 50 years. ACCEPT NO SUBSTITUTE.

SCHNABEL MEDICINE CORP., Sole Distributors
40 East 34th Street, New York

SAVE-THE-HORSE



keeps horses "on their toes." Guaranteed home treatment. Humane. Ends spavin, splint, high ringbone, capped hock, thorpin, all shoulder, leg and foot troubles. Horses can work under treatment. You lose no time in rush season.

FREE book, illustrated, clearly shows how to end 62 different horse troubles. FREE! Write today!!

TROY CHEMICAL CO.

320 State St. Binghamton, N. Y.
Druggists can supply "Save-the-Horse"—or, we ship direct, postpaid. No substitute will do as much.

FOR SALE—Bull, 11 mo. old, May Echo Sylvia—Tilly Alcartra breeding. Dam's record 31.31. Address, MRS. H. C. DRAKE, Vestaburg, Mich.

SERVICEABLE AGE Registered Holstein

Bull Calves at prices the owner of a small herd can afford to pay. Grandsons of K. P. O. P. Bred cows and heifers are available for foundation stock.

RED ROSE FARMS DAIRY
Northville, Michigan

Reference: Northville State Savings Bank

Scotch Shorthorn Cattle Sale

At Kendallville, Ind.

June 14, 1928

43 lots bulls, cows, heifers, selected from some of the finest herds of Michigan, Ohio and Indiana. Catalogs on request.

ASA GLASGOW, Sec. N. E. Indiana Shorthorn Breeders' Assn, Helmer, Ind.

Hereford Cows and Steers

Few bunches Hereford cows showing good breeding. Some bunches heavy springers and calves by side. Some bunches backward springers. Also few 3 yr. old heifers with calf. Also Angus cows. All are T. B. tested. Also short yearlings, yearlings, and 2 yr. old feeding steers. The above are all sorted even in size, age and quality. Will sell your choice from any bunch. Some bunches shorthorns.

VAN S. BALDWIN, Eldon, Iowa

**\$34.00 More Profit
per Cow per Year
with these Summer
Rations —**

This Free Book Tells How

Dairymen everywhere are cashing in on the big discovery that summer grain feeding pays. One man boosted year-round profits \$34.00 a head. Another made \$5.00 a month extra profit on a 12-year old cow. These experiences are completely described in the free booklet, "Summer Feeding," which includes latest rations.

Linseed MEAL
The Universal Protein Feed

Linseed Meal
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Fine Arts Bldg., Milwaukee, Wis.
Send free booklet No. D-5,
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The final test, in the kind of feeds you use, is the balance on your bank book. Arcady and Wonder feeds have given greater profits to feeders for years. Ask your dealer—if he cannot supply you write us today for FREE illustrated Dairy and Poultry Books, dealer's name, etc. No obligation.

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FREE WRITE TODAY for FREE POULTRY and DAIRY BOOKS

CATTLE

FOR SALE Two 2-yr. old Brown Swiss heifers, bred to freshen next fall. Price \$500.00. A. A. FELDKAMP, Manchester, Mich.

HOGS

Duroc Spring Pigs

Registered in purchaser's name. Pairs not related. Also service boars and bred gilts.

Lakefield Farms, Clarkston, Mich.

O. I. C.'s fall boars and winter pigs. Brown Swiss bulls. **MILK H. PETERSON & SON,** Ionia, Michigan, R. 2, "Swiss View Farm."

O. I. C.'s. Last fall service boars and bred gilts, this spring pigs not akin. **OTTO SCHULZE,** Nashville, Michigan.

O. I. C.'s. CHOICE 2 MO. OLD PIGS, either sex. **CLOVER LEAF STOCK FARM,** Monroe, Mich., R. 1.

LARGE TYPE P. C.

Fall pigs all sold, nothing for sale at present in hogs. Have a few registered Black Top Delaine yearling rams, good ones, for sale. **W. E. LIVINGSTON,** Parma, Mich.

For Sale—Reg. O. I. C. April & May Pigs best of breeding. Shipped on approval. **FRED W. KENNEDY & SONS,** R. 1, Chelsea, Mich.

NEW HOLSTEIN BABY —Montcalm

HOLSTEIN enthusiasts of Montcalm County took "time out" of the busy scramble to get in belated crops, to organize a county Holstein Association. The boys met in the schoolhouse at Coral on May 8th. John Fender of Coral was elected President; Carl Johnson of Pierson, Vice-President; Ray Switzer of Howard City, Sec'y-Treasurer. Two other directors are Clare Rossman of Lakeview, and C. Town of Greenville.

The particular purpose of organizing during this busy time of the year was to have an Association ready to hold up the Holstein end of a big Dairy Day planned for late July at Coral. Calf Club work came in for much discussion at the meeting. John Fender was elected to look after the admission of young Holsteiners into Calf Clubs.

Much interest centered around the Holstein Herd Improvement Registry. The breeders present were in accord that Montcalm County needs the services of an agricultural agent.

OUTLOOK CHANGES WITH BETTER PASTURES

IMPROVEMENT in pastures as a result of rains in the last two or three weeks has changed the outlook for fat lamb supplies slightly but scarcity of finished offerings is probable for several weeks yet. High pelt values are helping to maintain fat lamb prices. Current prices for lambs cannot be maintained when supplies become liberal. Last year, receipts remained light until around the middle of July.

MUSKEGON BULL CLUB BUYS NEW BULL

MEMBERS of the East Fruitport, Muskegon County, Holstein Bull Club secured their fifth bull recently. He is a yearling from the herd of Raymond Kempf, Fremont, Newaygo County. His dam made 52½ pounds of butter-fat from over 15,000 pounds of milk in Dairy Herd Improvement Association. That she is able to transmit her producing ability is evident from the records of her daughters in the Kempf herd—one made 505 pounds of fat, another 496, another has three records over 400, and a two-year-old made 368. The sire's six nearest dams averaged over 925 pounds of butter-fat.

SHE STUFF CONTINUES HIGH

COWS and heifers continue extremely scarce, but larger receipts are anticipated soon and buyers are beginning to angle for lower prices. The price level reached in the last week was topheavy compared with low grade steers. Values may stay near the present high level for two or three weeks, but a downward slant may start at any time. Veal calf prices have advanced sharply in the last three weeks. Sharp setbacks are probable but the main trend in this division is up.

STRONGER UNDERTONE IN HOG MARKET

AFTER a decline of 75 cents to \$1.00 from the high point late in April, a stronger undertone is appearing in the hog market. Receipts have increased moderately in the last month but demand for cured meats and lard has been fairly broad and the competition from frozen pork in storage induced by the sharp advance in fresh pork prices during April has diminished as a result of the decline in May.

Reports are accumulating that farmers are curtailing hog production so that speculative demand for hog products is fairly broad. Exports of hog meats and lard are maintaining the increase which first appeared three weeks ago. The market may lose a little more ground in the next two or three weeks but after that time, gradual improvement is probable.

Hogs seem to have a special liking for wild morning glories, and if given a chance will destroy the vines by going after the succulent roots.

Large Type Poland China bred gilts, also weanling pigs. Priced reasonable. **JAMES G. TAYLOR,** Belding, Mich.

FOR SALE Hampshire, fall gilts, spring pigs, real type. Best of breeding. **J. P. SPITLER & SON,** Henderson, Mich., R. 1.

SHEEP

S H E E P

A few loads of fine wool and half blood ewes, bred for April and May lambs. **LINCOLN & BRADLEY,** North Lewisburg, Ohio.

SHEEP For Sale Car load of registered Rambouillet. Mostly young ewes. **BUTTERNUT FARM,** Lupton, Mich.

Now Completely Enclosed Gears



De Laval Golden Series

ALL gears on the "Golden Series" De Laval Separators are completely enclosed and protected, thus insuring maximum durability. This is just one of a number of improvements you will like on the 1928 De Laval—the crowning achievement in 50 years of separator manufacture and leadership. Other improvements are:

Golden Color. These new 1928 machines are finished in beautiful gold and black colors, which are pleasing, durable and practical.

Regulating Cover. A new type of regulating cover and float affords a flow of milk from the supply can in a smooth, even stream, without spattering.

Turnable Supply Can. A novel feature every separator user will appreciate. Permits bowl and covers to be removed or put in place without lifting the supply can from its position.

Easier Turning. The "Golden Series" machines are easy to start and turn, requiring the least power or effort to operate for the work they do.

Oil Window. Shows at a glance the amount and condition of the oil and if the separator is being properly oiled.

Floating Bowl. The finest separator bowl ever made. Self-balancing, runs smoothly without vibration, with the least power, skims cleaner, delivers a smooth, rich cream, and is easy to take apart and wash.

The best way to appreciate the "Golden Series" is to see and try one. See your De Laval dealer, or write nearest office below.

The De Laval Separator Company

NEW YORK CHICAGO SAN FRANCISCO
165 Broadway 600 Jackson Blvd. 61 Beale Street

**Stop
fly torture
Get more milk from your cows**



IT PAYS in cow comfort, in extra milk yield, and in your own comfort at milking time to drive away the pestering, blood-sucking flies. Cows protected with Dr. Hess Fly Chaser relax and "give down," so you get all the rich strippings.

Spray one of your cows with Dr. Hess Fly Chaser, then compare her with others not sprayed. See how quiet and peaceable she is—how easy to milk, how much more milk she gives.

Be humane to your hard-working horses. Spray them with Dr. Hess Fly Chaser regularly and they'll get their much-needed rest. You'll save horse-flesh and they will better stand the hard summer work.

Dr. Hess Fly Chaser has the odor of the pines

Its pine woods odor, so agreeable to you, absolutely repels flies. It takes away offensive smells of stables and yards.

Dr. Hess Fly Chaser, in its improved form, is of a light amber color. Used to protect pure white or show animals from flies, it gives a smooth, satin coat without gumming the hair or the least discoloration.

It is an excellent disinfectant. Laboratory tests show it has the strength to kill practically all forms of disease germs.

Sold on guarantee of satisfaction or money refunded.

Dr. Hess & Clark, Inc., Ashland, Ohio



THE LATEST MARKET REPORT



GRAIN QUOTATIONS.

Saturday, May 26, 1928

Wheat.

Detroit—No. 2 mixed at \$1.85; No. 3 white \$1.85; No. 3 mixed \$1.85.
Chicago—May \$1.47½; July \$1.50; September \$1.50; December \$1.52¼.
Toledo—Wheat, No. 2 red at \$1.82 @ \$1.83.

Corn.

Detroit—No. 2 yellow \$1.15; No. 3 yellow \$1.13; No. 4 yellow \$1.11.
Chicago—May \$1.00½; July \$1.02; September \$1.02½; December 88½c.

Oats.

Detroit—No. 2 white 77½c; No. 3 white 77½c; heavy oats 2c premium.
Chicago—May 66c; July, old 55½c; new 56½c; September, new 46½c.

Rye.

Detroit—No. 2 \$1.41.
Chicago—May \$1.34; July \$1.27¼; September \$1.18½.
Toledo—No. 2 \$1.41.

Beans.

New York—Pea domestic at \$9.75 @ \$10.25; red kidneys \$8.25 @ 9.00 to the wholesalers.

Chicago—Spot navy beans, Michigan choice, hand-picked in sacks at \$10.40; dark red kidneys \$9.60.

Barley.

Detroit—Malting \$1.07; Feeding \$1.02.

Seeds.

Detroit domestic seed—Cash clover \$16.50; October \$17.60; December \$17.55; cash alsike \$15.00; timothy at \$2.25; May \$2.25; December \$2.65.

Hay.

Detroit—No. 1 timothy at \$13.50 @ \$14.50; standard \$12.50 @ \$13.50; No. 2 timothy \$10.50 @ \$11.50; No. 1 light clover, mixed \$13.50 @ \$14.50; No. 1 clover \$12.00 @ \$13.00; wheat and oat straw \$10.00 @ \$11.00; rye straw \$12.50 @ \$13.50; alfalfa choice at Chicago \$33.00 @ \$38.00.

Feeds.

Detroit—Winter wheat bran at \$46; spring wheat bran at \$45; standard middling at \$46; fancy middling at \$50; cracked corn at \$48; coarse corn meal \$46; chop \$43 per ton in carlots. Poultry feeds with grit \$52.00; without grit \$56.00 per ton.

WHEAT.

Wheat prices worked upward during the past week. Reports of high temperatures and need of rain in parts of the northwest and in Canada, unfavorable summaries of European crop conditions, small world shipments, light receipts in domestic markets and a substantial decrease in the visible supply were the chief bullish influences.

Conditions in the winter wheat belt are still showing improvement from the rains during May and it is probable that the June 1 crop forecast will exceed the May 1 indications. While much of the spring wheat belt is not suffering severely as yet, the soil is not nearly as well stocked with moisture as last year, so that a brief spell without rain arouses apprehension.

The course of wheat prices during the next two or three months will turn largely on weather developments. The indications of a smaller crop of winter wheat in the United States and in Europe than in 1927 and the lack of any material increase in the world carryover would create a strong world situation if unfavorable weather conditions should prevail over the North American spring wheat belt.

RYE.

The rye market has displayed some independent strength. The visible supply is decreasing rather rapidly, some export sales are reported from time to time and the new crop outlook still indicates a small yield in both the United States and Europe.

CORN

Demand for cash corn has continued active and market stocks have been reduced materially. Primary receipts have been decreasing since early in May, although they have been larger than at the corresponding time in the last 4 or 5 years. The light farm stocks in the eastern part of the country are largely responsible for the active commercial demand at central markets.

Planting the new crop of corn was nearing completion in the principal producing sections by May 25 this year, whereas a year ago, but little planting had been done up to June 1.

The small reserves from the last crop probably will dominate the market situation during the next two months and possibly longer. With normal weather conditions, the outlook for a big new crop will be likely to have a depressing effect after that time.

OATS.

Oats prices moved up to a new high point for the season during the last few days. Small market stocks, light reserves of old oats on farms and renewal of complaints of a poor outlook for the new crop were responsible for the strength. Recent rains helped the crop materially. Small stocks will tend to make a strong spot situation for the next four to six weeks, but their influence will be neutralized or augmented according to whether or not the weather favors the new crop.

SEEDS.

Marked expansion in the acreage of late planted legume crops is probable this season in sections where clover and alfalfa hay crops and pastures are poor. Soybeans and cowpeas are replacing some of the abandoned wheat land in the soft winter wheat territory. Heavy rains in the southwestern states during the past week or two brought improvement to planting conditions and demand for forage seeds was active. Trade in these seeds probably will continue until the middle of June. Demand for such seeds as clovers, alfalfa, bluegrass, and timothy has dwindled rapidly.

FEEDS.

Wheatfeed prices have remained largely unchanged following the declines of a week ago. Demand has slackened, particularly in southwestern markets where pastures are now in use. New business generally is confined to nearby shipments and little interest is shown in feeds for later delivery. Limited offerings of cottonseed meal and gluten feed and also of alfalfa meal held the market firm for these feeds.

HAY.

The hay market continues strong. Meadows and pastures in the south and southeast were improved by heavy rains, but growth in more northern areas is slow. Country loadings of timothy hay are still light, but farmers may be inclined to market old stocks more freely as a result of the recent improvement in the new crop outlook. Alfalfa hay of good quality finds an active demand at firm prices. The rains came too late to increase the growth of the new crop sufficiently to make the first cutting for hay of normal size.

EGGS.

Receipts of eggs at the principal

distributing markets show no sign of diminishing as yet, and prices have weakened as supplies continued to be maintained. Dealers fear to buy ahead of immediate needs because of the chance that prices may decline further. Production has definitely passed the high point for the season, however, and receipts should begin to diminish in another week or two. Hot weather is due shortly when the lay usually slumps and average quality is affected adversely. Prices are not expected to decline much further although so long as receipts hold up, advances into higher ground may be slow.

Chicago—Eggs: fresh firsts, 27 @ 27½c; ordinary firsts, 25½ @ 26½c; dirties, 25½c; checks, 25½. Live poultry: Hens, 25c; broilers, 40 @ 42c; roosters, 16½c; ducks, 18c; geese, 14c; turkeys, 25c.

Detroit—Eggs: Fresh receipts, best quality, 27 @ 28½c; dirties and checks, 24 @ 25½c. Live poultry: broilers, 35 @ 48c; heavy hens, 27c; light and medium hens, 25 @ 28c; roosters, 17c; ducks, 25 @ 30c.

BUTTER.

Butter prices fluctuate over a narrow range, reflecting the unsettled attitude of the trade as to how production will develop. So far, receipts show only a small gain from week to week and continue to run considerably under last year. Rains and warmer temperatures in certain sections of the country have improved the outlook for pastures although in the north central states, conditions are still backward. The season, generally, is two to three weeks late, however, and most dealers believe that production will remain relatively light until well into the butter storing season. If this is the case, prices will not have to decline far to a new-season level. Trade is largely restricted to daily requirements, but consumptive demand, on the whole, is satisfactory.

Prices on 92 score creamery were: Chicago, 42½c; New York, 44c; Detroit, 42½ @ 43½c per lb. for 88-90 score.

POTATOES.

Old potatoes have declined to the lowest level of the season and prices as shipping points are only one-third to one-half as high as at the corresponding time a year ago. Old stock is still moving actively while new crop shipments steadily increase, so that markets are liberally supplied. It is believed that the 19 surplus producing late potato states will ship nearly 200,000 cars this season. Last year, the total movement from these states totalled only 181,000 cars. Shipments from the new potato crop so far this season have been 35 per cent smaller than in the same period of

1927. Northern round whites, U. S. No. 1, bring only \$1.15 to \$1.30 per 100 pounds, sacked, in the Chicago carlot market. Alabama and Louisiana Bliss Triumphs, U. S. No. 1, bring \$2.65 to \$2.75 per 100 pounds in the same market.

GRAND RAPIDS.

Potatoes, 70 @ 80c bu; rhubarb, 50 @ 75c bu; spinach, 50 @ 75c bu; radishes, 25 @ 35c doz. bchs; leaf lettuce, 8 @ 10c lb; asparagus, \$1.10 @ 1.25 doz. bchs; green onions, 10 @ 15c bch of 36; tomatoes, \$2.50 @ 2.75 7-lb. basket; cucumbers, \$1.20 @ 1.50 doz; wheat, \$1.63 bu; rye, \$1 bu; beans, \$9.20 cwt; pork, 11 @ 13½c lb; beef, 8 @ 18c lb; veal, 17 @ 19c lb; lamb, 25 @ 35c lb; yearling lamb, 25c; mutton, 10 @ 13c lb; beans, 18 @ 24c lb; broilers, 28 @ 35c lb; eggs, 27 @ 30c doz; butter-fat 47c lb.

CHEESE

Cheese prices appear firmly entrenched at the present level and dealers apparently are becoming reconciled to the idea that no decline of consequence is likely. Stocks are firmly held and no concessions are reported. Receipts continue on a smaller scale than a year ago when the season was several weeks earlier. Farmers in many sections are short of feed, and dairy production is not expected to show the normal seasonal increase until pastures are suitable for daily use.

Prices were: No. 1 American cheese: Chicago: Twins, 22½ @ 23c; S. Daisies, 23¼ @ 23½c; D. Daisies, 23 @ 23¼c; Longhorns, 23¼ @ 23½c.

New York: Flats, 23 @ 23½c; S. Daisies, 24¼c; Y. Americas, 25½c.

Philadelphia: S. Daisies, 24¼c; Longhorns, 25c.

ALFALFA DAY JUNE 8

Members of the farm crops department at the Michigan State College have selected June 8 as the one most favorable to show the experimental plots and the fields of alfalfa that are the results of several years of work. All phases of the growing of this crop will have a part in the day's program.

Rates and methods of seeding, northern and southern grown seed, alfalfa for hay and alfalfa for seed, and methods of handling the crop for both purposes will be discussed by members of the crops department staff.

Activities on "Alfalfa Day," June 8, will begin at nine o'clock in the morning and continue throughout the day. Farmers are invited to bring their families and a basket dinner.

Live Stock Market Service

Saturday, May 26, 1928

CHICAGO.

Hogs

Receipts 7,000. Market mostly steady to strong with Friday's average; spots weak to 10c lower on good to choice 140-190-lb. weight; top \$9.95 paid for choice around 160-lb. averages; shippers took 1,500; estimated hold over, 3,000; heavyweights, \$9.35 @ \$10.00; medium \$9.50 @ \$10.10; light \$8.60 @ \$10.10; light light \$7.50 @ \$9.75; packing sows \$6.40 @ \$9.00; pigs \$7.00 @ \$8.25.

Cattle

Receipts 400. Market compared week ago: heavy steers 75c @ \$1.00 lower, very slow at decline, medium weights 50c lower, yearlings and lower grade light steers steady to 25c lower, fat cows and butcher heifers mostly 50c down, bulk 75c @ \$1.00 lower on heavy cows and weighty heifers, cutter cows about 25c @ 50c off, bulls 50c @ 75c lower, vealers \$1.00 higher; extreme top yearlings \$14.65; heavies \$14.50, few above \$14.00; part load light heifers \$14.00, numerous sales \$13.50 @ \$13.85; bulk Nebraska heavy steers crop \$12.75 @ \$13.50; rough big weights selling down to \$12.65; sausage bulls closed at \$8.75 @ \$9.00; vealers \$14.00 @ \$16.00.

Sheep and Lambs

Receipts 3,000. Market on better grade fat lambs and springers 25 @ 50c higher, most new crop lambs showing maximum advance, spots 75c up, lower grades about steady, choice light weight sheep steady to weak, lower grades and heavies 25 @ 50c lower, feeding and spring lambs scarce, unchanged; top prices for week: Spring lambs \$18.90; springers \$16.85; fat ewes \$9.00; bulk prices: Western spring lambs, \$18.25 @ \$18.90; natives \$17.50 @ \$18.50; clipped lambs \$15.50 @ \$16.75; fat ewes \$8.00 @ \$8.75; feeding and spring lambs \$12.50 @ \$13.50.

BUFFALO.

Hogs

Receipts 10 cars. Market lower; heavy \$10.00 @ \$10.25; medium and mixed \$10.40 @ \$10.50; yorkers \$10.40 @ \$10.50; lights \$9.75 @ \$10.00; pigs \$8.75 @ \$9.25.

Cattle

Receipts 3 cars. Market steady.

Calves

Calves, \$16.50.

Sheep and Lambs

Receipts 1 car. Market steady; top lambs \$17.00; yearlings \$12.00 @ \$13.00; wethers \$9.50 @ \$10.00; ewes \$7.50 @ \$9.00.

LIVE STOCK FEEDERS' DAY

The Animal Husbandry Department of the Michigan State College has selected Friday, June 15, as the date for studying the live stock work being carried on at the College. The department promises that the results of this year will be far more interesting than have been the Feeders' Days of the past, which, however, have been rapidly increasing in popularity with Michigan live stock men. Charles E. Snyder, Editor of the Chicago Dairy Drivers Journal will be the outside speaker. Every person interested in live stock is urgently requested to set aside this day and visit the College.

WOOL MARKET CONTINUES STRONG

While trade in wool is somewhat spotted, values continue strong. Prices at country points are mostly firm and seaboard markets have gained slightly compared with a few weeks ago. Prices abroad are strong, the London auction having regained most of the decline shown at the opening. While the manufacturing situation remains rather unsatisfactory, mills are showing a healthy interest in the new clip. Boston reports sales of territory French combing wools at around \$1.05 to \$1.10, scoured basis, with Ohio delaines at 49 to 50 cents, grease basis, and medium fleeces at 54 to 55 cents.

COUNTY CROP REPORTS

Ingham County—Work is well along considering the late spring. We have corn planted and will plant beans next week. Winter wheat will be little better than half a crop. Many fields were dragged up and sown to oats. Milk brings \$2.25 per cwt; eggs 27c, wheat \$1.80, beans \$9, potatoes \$1.10. Just had a fine rain and grass is now growing fine.—R. E. W.

Hillsdale County—Good rains the past week have greatly helped plowing and fitting fields for corn. Very little corn has as yet been planted, but about the usual acreage will go in. Wheat looks poor. Hay will also be a short crop. Oats are looking fine, and a larger amount was sown than usual. Pastures were late in starting. Fruit trees are not blooming well. Milk brings \$2.00, butterfat 48c, eggs 28@29c, wheat \$1.80.—L. M.

Branch County—Farmers are busy getting ground ready for corn and a few have planted. Rains have improved pastures. Wheat is now growing. No frost damage is reported. Farmers are well up with their work. Marketing has been about completed. Hay will be a short crop. Usual acreage of corn, oats, and potatoes will be planted. Cream brings 45c, eggs 27c, hogs 9½c. Cows are scarce and high.—S.

Midland County—Grain is improving. Outlook for fruit is good. There will be a slight increase in the acreage of corn, beans, and sugar beets. Pastures are improving and are now quite satisfactory. Farmers are busy in the fields and not much marketing being done. Butterfat brings 48c, eggs 27c, potatoes \$1.00, cows \$75.00 to \$125.00. The dairy and poultry business are expanding.—M. B.

Sanilac County—Fall wheat is fair and there are some good fields. The outlook for fruit is good. Oats and barley are in. About a normal acreage of corn, beans, beets, and potatoes will be planted. Recent rains have improved pastures. Milk brings \$2.25, butter 50c, eggs 26c, beans \$9.50. More interest in dairying and poultry raising.—B. R.

Alcona County—Pastures are now coming along fine. Seeding has been a little late. Farmers are increasing their dairy herds. The usual amount of spring crops will be sown. Eggs are bringing 23c, oats 80c, and potatoes \$1.00.—W. G.

Benzie County—Cherries are very promising at this writing. Apples are scarce. Recent rains have put pastures and meadows in fine shape. Some spraying has already been done. Butterfat brings 45c, eggs 25c. About the usual acreage of crops is being planted.—W. M.

Oscoda County—The fruit crop is looking good. Cherries and early apples are in bloom. Fall grains suffered from exposure and freezing. The spring seeding has been completed. Field work is now advancing rapidly. The acreage of corn is about the same as usual. Farmers are just fitting the ground. Pastures are improving. Butterfat brings 43c, eggs 25c.—J. B.

Clare County—Oats are sown and some corn planted. Work is backward. Fruit is beginning to bloom. Hay and fall grains are poor. We are getting \$9.40 for beans, wheat \$1.80, cream 44c, eggs 27c, veal 16c.—J. W.

Lenawee County—Wheat is in generally poor condition. Some fields have been put into oats or barley. All

spring crops were planted late. The usual acreage of corn will be planted. Pastures are short. Wheat brings \$1.85, eggs 30c, butterfat 42c, hogs \$9.50 to \$10.00.—J. L.

Grand Traverse County—Crops went in late and pastures are slow. There will be a normal acreage of oats, corn, and beans. And a slight increase in the acres of potatoes planted. Apples will be a light crop but pears and cherries promise better. Butterfat brings 45c, eggs 25c, hay \$14.00, cows \$70.00@100.00.—F. H.

Barry County—On the flat land, wheat has been winter killed badly. Spring grains were sold late. More oats are going in and less corn on account of the corn borer. The outlook for hay is rather poor. Butterfat brings 48c, eggs 26c, wheat \$1.85. Alfalfa is improving in popularity.—C. V.

TIME TO SPRAY COWS

Have you all started spraying your dairy cows at milking time? This is another time-consuming and expense-making detail, but it is justified from both humanitarian and financial consideration. Certainly a cow that is fighting flies all day isn't going to graze as she should or chew her cud in that peaceful contentment which is conducive to a full milk pail.

A survey of forty-eight Ohio farms showed that on thirty-eight of these, butter was churned for home use, and on forty-seven milk was produced for the family.

Ohio has 308 entries in their annual ton-litter club for 1928.

WE SPECIALIZE ON BLOOMERS!

	Infants	Misses	Ladies	Extra Size
Muslin	10c	18c	23c	30c
Cotton Knit	10c	18c	23c	30c
Pink and White				
Good Linette			45c	55c
Heavy Rayon—42 Gauge			85c	

Ladies Rayon Stockings, all colors 35c. Mens and Ladies Colored Bordered Handkerchiefs 5c. SPECIAL 2 TO 10c DEPARTMENT handkerchiefs, Turkish towels, etc. ALSO other articles at low prices. Goods sent on receipt of P. O. order, or C. O. D. Postage extra. Satisfaction guaranteed, or money refunded. PEOPLE'S MAIL ORDER CO., 148 Greene Street New York

MINERAL COMPOUND FOR SYMPTOMS OF HEAVES

Booklet Free \$5.25 Box guaranteed to give satisfaction or money back. \$1.10 Box sufficient for ordinary cases. MINERAL REMEDY CO., 489 Fourth Ave., Pittsburgh, Pa.

FOR INFLAMED JOINTS

Absorbine will reduce inflammation, swollen joints, sprains, bruises, soft bunnies. Quickly heals boils, poll evil, quitters, fistula and infected sores. Will not blister or remove hair. You can work horse while using. \$2.50 at druggists, or postpaid. Send for book 7-S free.

From our files: "Fistula ready to burst. Never saw anything yield to treatment so quickly. Will not be without Absorbine."

ABSORBINE TRADE MARK REG. U.S. PAT. OFF. W. F. YOUNG, Inc., 468 Lyman St., Springfield, Mass.

CLASSIFIED ADVERTISING

This classified advertising department is established for the convenience of Michigan farmers. Small advertisements bring best results under classified headings. Try it for want ads and for advertising miscellaneous articles for sale or exchange. Poultry advertising will be run in this department at classified rates, or in display columns at commercial rates. Rate 9 cents a word, each insertion, on orders for less than four insertions; for four or more consecutive insertions 7 cents a word. Count as a word each abbreviation, initial or number. No display type or illustrations admitted. Remittances must accompany order. Live stock advertising has a separate department and is not accepted as classified. Minimum charge 10 words.

Words	One time	Four times	Words	One time	Four times
10	\$.90	\$2.80	26	\$.24	\$.78
11	.99	3.08	27	.243	.756
12	1.08	3.36	28	.242	.764
13	1.17	3.64	29	.241	.772
14	1.26	3.92	30	.240	.780
15	1.35	4.20	31	.239	.788
16	1.44	4.48	32	.238	.796
17	1.53	4.76	33	.237	.804
18	1.62	5.04	34	.236	.812
19	1.71	5.32	35	.235	.820
20	1.80	5.60	36	.234	.828
21	1.89	5.88	37	.233	.836
22	1.98	6.16	38	.232	.844
23	2.07	6.44	39	.231	.852
24	2.16	6.72	40	.230	.860
25	2.25	7.00	41	.229	.868

Special Notice All advertising copy, discontinuance orders, or change of copy intended for the Classified Department must reach this office ten days in advance of publication date.

MISCELLANEOUS

WHY BLAME THE BULL when your cow does not breed? Use Cow Catch 1 hour before service. Results or your money back; 85 cents for one cow, \$2.90 for five cows, postpaid. Woodstock Farm, Renton, Route 2, Box 49C, Washington.

REAL ESTATE

A GREAT STOCK FARM. 960 acres, all clay land, in Clare County, Michigan, on good road. 700 acres cleared, 320 acres in cultivation and tilled drained. 30 acres fine woods. Live stream through farm. A 10-room modern stone house, full basement, furnace and electric lights. Tenant house. Three large grain and stock barns, one with full basement, and will house over hundred cattle. Feed sheds, two large silos, sheep barn, tool shed, granary, corn crib, hen house, hog house and other buildings, all in good condition and painted. Buildings alone could not be built for \$50,000. Two drilled deep wells with windmills. Fine water. Orchard. The farm is equipped with private electric light and water system. This \$100,000 farm will be sold at \$50,000 to close estate. Cash payment down and balance on easy terms at 6%. Entire farm fenced, well kept up, no weeds, and will grow anything and pay for itself in a few years. Well located near railroads and good towns. For further information, write C. L. Rosser, Realtor, 120-121 Graebner Bldg., Saginaw, Michigan.

200 ACRES, 100 cultivated, 14 room house, furnace, bath, machinery, stock; opposite school, 2½ mile road. Best in county, \$16,000. Terms. Thomas Rogers City, Mich.

IN THE SAN JOAQUIN VALLEY of California general farming is a paying business, feeding millions of people in towns and cities. Alfalfa combined with dairying, hogs, and poultry, yields a good income. A small one-family farm, with little hired labor, insures success. You can work outdoors all the year. Newcomers welcome. The Santa Fe Railway has no land to sell, but offers a free service in helping you get right location. Write for illustrated San Joaquin Valley folder and get our farm paper—"The Earth" free for six months. C. L. Seagraves, General Colonization Agent, Santa Fe Railway, 912 Railway Exchange, Chicago.

WANTED

WANTED EXTRACTED HONEY, ton or carload. State price first letter. Joseph Milharich, 34 E. Charlotte, Ecorse, Mich.

WANTED—Good sawmill, also sap evaporator. Max E. Wolcott, Watervliet, Mich.

FARM MACHINERY

FOR SALE—Three new factory guaranteed Fordson crawler attachments which will convert your Fordson into a powerful crawler tractor at a remarkable saving in price. Belle City Manufacturing Co., Racine, Wisconsin.

CORN HARVESTER

RICH MAN'S Corn Harvester, poor man's price—only \$25.00 with bundle-tying attachment. Free catalog showing pictures of harvester. Process Company, Salina, Kans.

PET AND LIVE STOCK

FREE DOG BOOK. Polk Miller's famous dog book on diseases of dogs. Instructions on feeding, care, and breeding with symptom chart. 48 pages. Illustrated. Write for free copy. Polk Miller Products Corp., 1022 W. Broad St., Richmond, Va.

RABBITS—Make Big Profits with Chinchilla Rabbits. Real money makers. Write for facts. 892 Conrad's Ranch, Denver, Colorado.

FOR SALE—German Police puppies, make wonderful farm dogs, males \$12, females \$10. Glenn Thompson, Howard City, Mich.

MAKE MONEY FROM MUSKRAT FUR. Raise muskrats in dry land pens or hutches. Get facts. 692 Conrad's Ranch, Denver, Colorado.

OFFERING PEDIGREED St. Bernard Newfoundland and English bulldogs. Greensburg Kennels, Greensburg, Ind.

SCOTCH COLLIE FEMALE PUPS, partly trained. Bred for brains and beauty. Roy McIntosh, Millersburg, Mich.

FOR SALE—Pedigreed German Police and White Collie pups. \$10.00 to \$15.00. Homestead Kennels, Saranac, Mich., R. 4.

FOR SALE, 50 coon, o'possum, skunk, rabbit, and foxhounds at ½ price on 60 days' trial. Lube Beadles, S443, Mayfield, Ky.

MATTRESSES

MATTRESSES made any size, low factory prices. Catalog free. Peoria Bedding Company, Peoria, Ill.

PLANTS AND BULBS

HARDY NORTHERN GROWN CABBAGE and Cauliflower Plants. Chemically treated Danish Seed. Safe arrival guaranteed. Prompt shipment. Golden Acre, Jersey Wakefield, Copenhagen, Glory of Enkhausen, Flat Dutch, Ballhead, Red and Savoy. Prepaid, 200, 65c; 500, \$1.25; 1,000, \$2.25. Express collect, 5,000, \$7.50. Cauliflower prepaid, 50, 40c; 200, \$1.00; 500, \$2.25; 1,000, \$3.75. Port B. Melinger, North Lima, Ohio.

PLANTS, 5 ACRES, June, July delivery. Cabbage, Copenhagen, Flatdutch, Ballhead, Prepaid, 200, 65c; 500, \$1.25; 1,000, \$2.00. Express, 5000, \$7.50. Cauliflower (Snowball) prepaid, 100, 60c; 500, \$2.25; 1000, \$3.75. Aster, 100, 70c. Moss packed. Critically assorted. Guaranteed. W. J. Myers, R. 2, Massillon, Ohio.

50 MILLION VEGETABLE PLANTS. Cabbage: Copenhagen, Wakefield, Ballhead, Flat Dutch, etc. \$1.50 Thousand; 10,000, \$10. Tomato Plants, six varieties, \$2 thousand; 10,000, \$15. Sweet Potato and Pepper plants, \$3 thousand; 10,000, \$25. Prompt shipments, well packed, good delivery guaranteed. Shipping capacity half million daily. J. P. Council Company, Franklin, Va.

PLANTS, 5 ACRES, June, July delivery. Cabbage, Copenhagen, Flatdutch, Ballhead, Prepaid, 200, 65c; 500, \$1.25; 1,000, \$2.00. Express, 5000, \$7.50. Cauliflower (Snowball) prepaid, 100, 60c; 500, \$2.25; 1000, \$3.75. Aster, 100, 70c. Moss packed. Critically assorted. Guaranteed. W. J. Myers, R. 2, Massillon, Ohio.

COPENHAGEN, Wakefield, Flat Dutch, frostproof cabbage plants. \$1.00 1,000; Bermuda onion \$1.00; tomato \$1.00; collard \$1.00; Ruby King Pepper \$2.00; Porto Rico potato \$1.75. Good plants carefully packed, prompt shipment. Quitman Plant Co., Quitman, Ga.

TOMATOES, frostproof cabbage, onions, strong, healthy plants. Leading varieties 100, 50c; 500, \$1.25; 1,000 \$2.00; 5,000, \$9.00. Peppers, eggplant 100, 60c; 1,000, \$2.75. Everything postpaid. East Texas Plant Co., Potts, Texas.

TWO DOZEN GERANIUM PLANTS. That will give you an abundance of beautiful flowers all summer, post-paid to your door for \$1.25. Any color or mixed. Buckley Geranium Co., Springfield, Illinois.

15 MILLION FINE CABBAGE PLANTS—Copenhagen, Ballhead, Wakefield. Extra special, \$1 thousand; 5,000, \$1.50; 10,000, \$3.50; 50,000, \$37.50. Prompt shipments. Old Dominion Plant Company, Franklin, Va.

SWEET POTATO PLANTS—Nancy Hall; Porto Rico; Southern Queen; Red, Yellow Bigstem Jersey. 250 plants \$1.00; 500, \$1.90; 1,000, \$3.50; postpaid. Robert Bennett, Grandview, Indiana.

FROST PROOF CABBAGE PLANTS, \$1, 1,000. Tomato Plants, \$1, 1,000. Onions, \$1.25. Pepper and Potato Plants, \$2, 1,000. Clark Plant Co., Thomasville, Ga.

DAHLIAS, one each of 10 named colors. \$1.00 prepaid. Mrs. Benj. Peters, Saginaw, W. S. Mich., R. 2.

SPECIAL—200 cabbage, 200 tomatoes, 200 onions, 25 pepper plants, prepaid \$1.25. Guaranty Plant Co., Potts, Texas.

100 ACRES CABBAGE. Onion and Tomato Plants. Special \$1 per thousand. Farmers Supply Company, Franklin, Va.

PEUNIAS Ruffled monsters in bud, 2 dozen plants \$1.00. Walter Flower Gardens, R. 4, Lansing, Mich.

SEEDS

BUY REGISTERED GRIMM ALFALFA SEED direct from the largest registered alfalfa seed ranch in the United States. All seed dry land grown, sealed and tagged by the Montana Seed Growers Association. Price Extra No. 1 39c, No. 1 37c, No. 2 32c per lb. f. o. b. Miles City, Montana. Write us for sample. G. W. Allen & Sons, Volborg, Montana.

BUY YOUR GRIMM ALFALFA direct from the Introducer! Lyman's Genuine Grimm bears 3 to 4 crops yearly. Leafier and higher in feeding value than other varieties. All seed scarified necessitating less per acre. A. B. Lyman, Introducer, Excelsior, Minn.

REGISTERED (\$7.00 per Bu.) and Certified (\$6.00 per Bu.) Polar Yellow Dent and Jewett Yellow Flint 55 lbs. shelled and graded. Butts of Polar Yellow Dent for ensilage \$3.50 per bu. Arthur W. Jewett, Jr., Mason, Michigan.

CERTIFIED SEED FOR SALE—STATE CERTIFIED. White Rural Seed Potatoes for sale. Buy the best and get the results. Address all inquiries to the Michigan Potato Growers' Exchange, Cadillac, Michigan.

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

PICKETT'S Yellow Dent, grown from certified seed, butted, tipped, shelled and germinating 97%. Ralph Arbogast, Union City, Mich.

CERTIFIED Improved Robust Beans Choice. A. B. Cook, Owosso, Mich.

FOR SALE—Certified White Rural Seed Potatoes. Jas. Lynch, Coral, Michigan.

TOBACCO

GUARANTEED HOMESPUN TOBACCO—Chewing, 5 pounds, \$1.25; 10, \$2. Smoking, 10, \$1.50. Pipe Free! Pay postman. United Farmers, Bardwell, Kentucky.

HOMESPUN TOBACCO: Chewing 5 lbs. \$1.25. Smoking 5 lbs. \$1.00. Pay when received. Pipe free. Farmers Union, A. B. Paducah, Ky.

LEAF TOBACCO. Good, sweet, chewing, 3 pounds 75c; 5, \$1.00; 10, \$1.75; smoking, 3 pounds 50c; 5, 75c; 10, \$1.40. United Farmers, Mayfield, Ky.

HOMESPUN TOBACCO—Guaranteed. Chewing 5 lbs. \$1.00; 10 \$1.75. Smoking 5 lbs. 75c, 10 \$1.25. Pay when received. Farmers Union, Mayfield, Ky.

POULTRY

MAMMOTH WHITE PEKIN DUCKLINGS from pure-bred matings. Carefully selected. Expertly hatched. 100% delivery postpaid. Prices reduced. Write for our free instruction bulletin. Mid-west Duckery, Dept. F, Springfield, Ohio.

8 VARIETIES Record of Performance Male Matings. Breeding cockerels, pullets, and chicks. Free catalog giving big early order discounts. Beckman Hatchery, Box 57, Grand Rapids, Mich.

WHITTAKER'S REDS, BOTH COMBS. R. O. P. Trapped. Michigan Certified. Cocks, hens, cockerels, pullets. Write for catalog. Interlakes Farm, Box 9, Lawrence, Mich.

EGGS, CHIX, DUCKLINGS, GOSLINGS. All varieties chickens, ducks, geese, turkeys, bantams, guineas. Arthur Jarvis, Waveland, Indiana.

PULLETS—Rocks, Reds, Leghorns, 8 wk. 75c, 10 wk. 85c. Ed. Kroodma, Zeeland, Mich.

WHITE PEKIN DUCK EGGS \$1.50 per setting, postpaid. Gerald Diamond, Mason, Mich.

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

BABY CHICKS

BABY CHICKS Michigan Accredited Barred Rocks, R. I. Reds, White Leghorns, shipped C. O. D. Immediate delivery of pure-bred chicks from heavy laying foundations. Big free catalog gives new prices. Brummer-Fredrickson Poultry Farm, Box 28, Holland, Mich.

BABY CHICKS of all standard varieties. Flocks carefully culled for laying, several years by M. S. C. students. Baby chick prices, 10c to 15c; two weeks old chicks 16c. Clinton County Hatchery, Maxwell and Kees, Prop's., St. Johns, Mich.

MYERS PURE-BRED CHICKS, 100% live delivery, postage prepaid. Four leading breeds, White Leghorns, White Wyandottes, Barred Rocks, R. I. Reds. Breeds bred for egg production. Send for descriptive circular. Myers Hatchery, Mt. Pleasant, Mich.

BABY CHICKS—Rocks, Reds, Leghorns, all from Michigan Accredited, bloodtested stock. Get our prices also on 8-10-12 weeks old pullets of above breeds. Pierce Hatchery, Jerome, Mich.

LOOK! 100,000 chicks 9c up to 20 varieties. Using many 200 to 312 egg record bred ROP cockerels. Send for free catalog giving big early order discounts. Lawrence Hatchery, Grand Rapids, Mich.

CHICK PRICES REDUCED FOR MAY—White Leg., 8c; lot of 500 7½c. Barred Rocks, 10c. Hillside Hatchery, Holland, Mich.

BABY CHICKS \$5.00 per 100. Seconds, strong, vigorous chicks, no cripples. Robt. Christopher, R. 4, Holland, Michigan.

BUFF LEGHORN CHICKS and Eggs for hatching. Hillcrest Poultry Farm, Bath, Mich.

TURKEYS

GIANT BRONZE—Improve your flocks, buy baby turks. \$10.80 doz. from large goldbank hens international ribbon tom, 100% live delivery guaranteed. Mitchell Turkey Ranch, Hart, Mich.

WHITE HOLLAND TURKEY EGGS, 50c each postpaid. Safe delivery guaranteed. C. Galbreath, Hartford, Mich.

AGENTS WANTED

WANTED—C. W. Stuart & Co., Newark, New York State, (Nurseryman for 75 years) need live wire salesmen. Part or full time. An excellent opportunity. Write for particulars.

HELP WANTED

WANTED—MILK ROUTE SALESMAN. Must be between 25 and 35 years of age and married. \$300 cash bond required. Steady work and good future. Give particulars in application. Freeman Dairy Company, Flint, Mich.

DRIVER SALESMAN—25 to 35 years age. Permanent employment; good future. Write us if interested. Belle Isle Creamery, 8800 Forest St., Detroit, Mich.

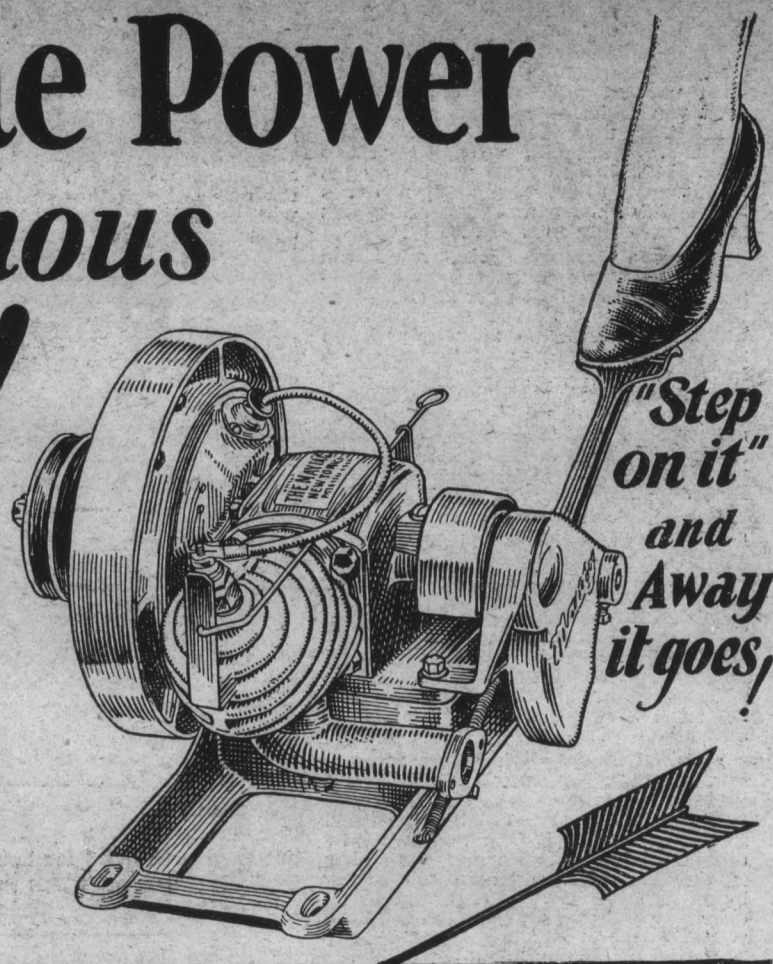
Try a Michigan Farmer Liner

Modern Gasoline Power *built into the famous* **MAYTAG!**

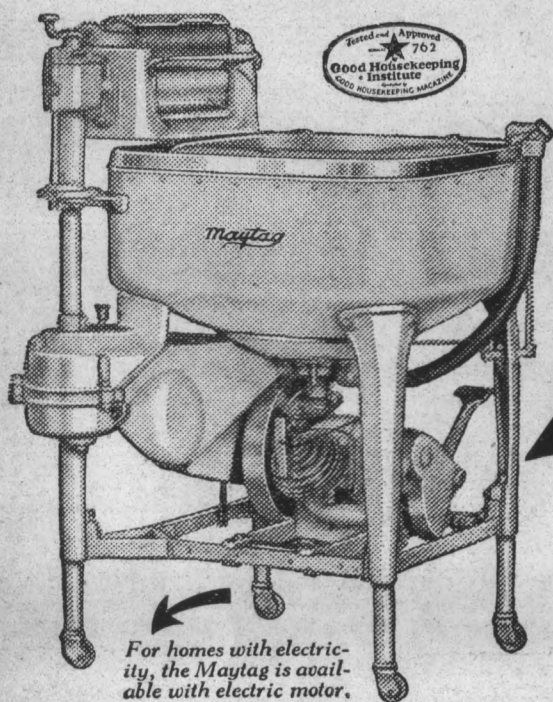
YOU, too, can have the washer that changes washday to washhour, the washer that washes everything clean without hand-rubbing, that washes by water action alone—the washer that won world leadership in 600 days. Choose your power—an electric motor or the Maytag Gasoline Multi-Motor. Either way you are assured of the same wonder-washing Maytag.

You are entitled to this time and labor-saving Maytag. It is just as much an economy as the farm engine or tractor, the feed grinder or thresher. The time saved can be spent with your children, with your garden or your chicks—in earning extra money.

The Maytag dealer will divide the payments to suit your convenience, and then your washday problem will be solved for a lifetime. The Maytag is practically all metal. The precision-cut steel gears give it astonishing smoothness, remarkable absence of vibration. The neat, compact design and durable lacquer finish give it a pleasing appearance.



*"Step
on it"
and
Away
it goes!*



For homes with electric-
ity, the Maytag is avail-
able with electric motor.

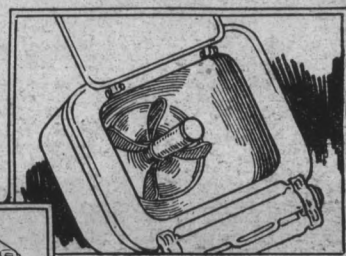
As Compact As An Electric Motor

Four bolts fasten the Gasoline Multi-Motor to the Maytag—the same four bolts that hold the electric motor to the Maytag, and the Multi-Motor gives the same, sure, steady flow of power. All working parts are rugged and there are remarkably few of them. This unusually fine, modern engine represents 15 years

development. There are no belts to line up, the carburetor has but one adjustment, and is flood proof. High-grade bronze bearings are used throughout; starter and engine are combined in one unit. It is built for a woman to operate—as simple and dependable as an electric motor.

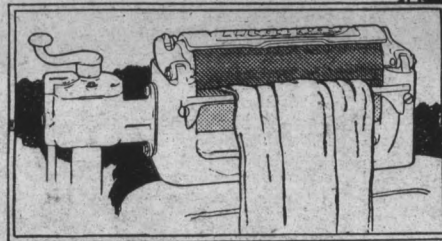
The Cast-Aluminum Tub

Thirty-six pounds of pure aluminum are used in the Maytag tub. Expensive yes, but not costly when built in Maytag's own foundry with a capacity of 2,000 a day. The Maytag tub is roomy, all washing space. It keeps the water hot for an entire washing, then empties and cleans itself. It will not rust, warp, dent, chip nor corrode.



The Soft-Roller Water Remover

This is the latest, safest, and most thorough method of removing the soap and water from the clothes, and it is exclusively owned and controlled by Maytag. The large soft-rolls hug every fold, lump and seam, removing both soap and water evenly from all parts of the garment without pressing in hard-to-iron wrinkles. Buttons go through unharmed. Practically every operation is automatic. The tension adjusts itself, for a thin handkerchief or a bulky blanket, the drainboard reverses itself and of equal importance is the new Safety Feed.



*Deferred
Payments You'll
Never Miss*

Free Trial Washing

The Maytag must sell itself to you before you invest a penny. Write or telephone the Maytag dealer near you. He is prepared to loan you a Maytag without cost or obligation. Do your next washing with a Maytag.

**If it doesn't sell
itself, don't keep it**

Maytag Radio Programs

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

THE MAYTAG COMPANY, Newton, Iowa

Founded 1894

Indianapolis Branch: 923 North Capitol Ave., Indianapolis, Ind.

The Maytag Co., Ltd., Winnipeg, Canada
Hot Point Electric Appliance Co., Ltd., London, England

Maytag Company of Australia—Sidney—Melbourne
John Chambers & Son, Ltd., Wellington, N. Z.

Maytag Aluminum Washer