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AND
LIVE STOCK
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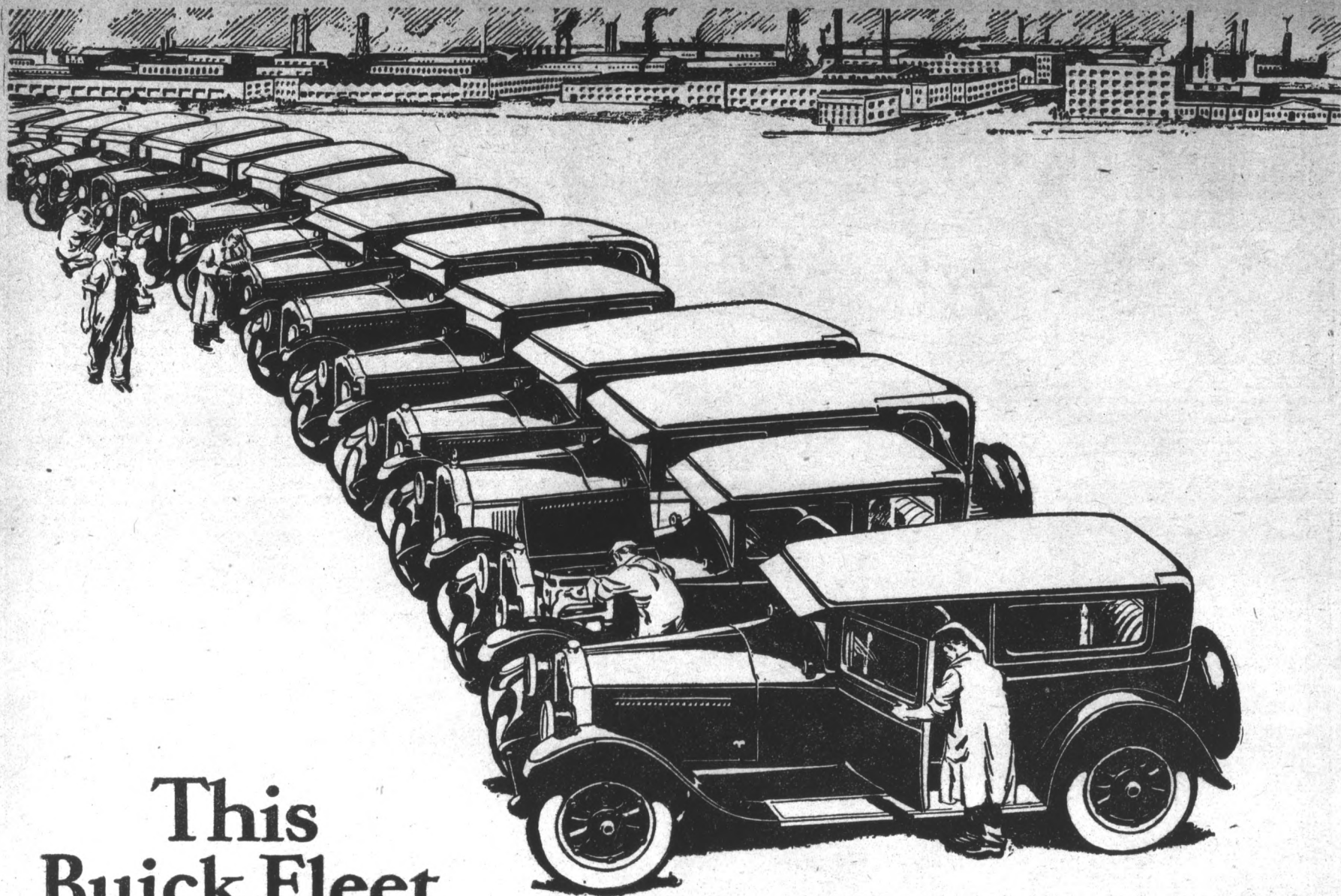
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MICHIGAN

VOLUME CLXVI

MICHIGAN FARMER

AND LIVE STOCK JOURNAL
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A Practical Journal for the Rural Family
MICHIGAN SECTION THE CAPPER FARM PRESS

QUALITY
RELIABILITY
SERVICE

NUMBER XIII

Insuring the Potato Crop

Good Seed is the First Essential and Pays Even in the Small Garden Patch

By H. C. Moore

TOO often we plant whatever potatoes are left in the cellar at planting time. In the majority of cases, such leavings are the lowest grade of culls, the best having been marketed, or eaten. It is not reasonable to expect maximum yields of good quality from such seeds.

During the past five or six years hundreds of Michigan growers have proved to their own satisfaction that poor seed is altogether too expensive, and that high quality seed, regardless of price, is the cheapest to plant. Poor seed produces weak stands, a high percentage of small, diseased hills, and a low yield of poor quality.

Fitting the seed-bed, cultivating, spraying, harvesting, etc., costs practically as much in growing a low yield of, say 100 bushels per acre, as it does in growing a good yield of 200 bushels or more. With the 200-bushel yield, the cost per bushel is about half of what it is with the 100-bushel yield. Lower production costs assure profits, and should have the consideration of all potato growers. Good seed is a factor that will cut these costs.

Good seed potatoes are produced from vigorous, disease-free plants; are free from serious mechanical injury and blemishes; symmetrical in shape, medium in size, and typical of the variety they represent. They must have been stored under conditions that will keep them firm and sound, and provided with vigorous sprouts just starting when the planting season arrives. Such seed, when properly planted in good soil, will give a good account of itself, and will help make potato growing profitable.

Michigan certified seed meets all of these requirements. It is produced from fields that are free from disease and has uniformly high vigor. To insure high quality in certified seed, the Michigan State College maintains a rigid seed potato inspection service. All fields listed for inspection are examined closely at least twice during the summer. Fields showing disease

or plants that lack vigor, are rejected. A third inspection is made of the seed after it is harvested, to see that it is free from such diseases as scab, black scurf, fusarium, wilt, etc., and that it is of good type and free from blemishes and mechanical injuries. When the seed is loaded on the cars for shipment a fourth inspection is made. The certified seed must be very carefully graded. It is sold in sacks containing 150 pounds and each sack bears the official certification tag of the Michigan Crop Improvement Association, which is attached to the bag with a lead and wire seal.

Besides careful inspection, good cultural methods are used. Certified seed growers are required to follow the best potato growing practices. They plant the certified fields on fertile soils that have not grown potatoes during the previous four or five years. This long rotation helps to eliminate such troubles as scab, scurf, wilt, etc. They plant special certified seed, selected by the hill selection method. This seed is treated with corrosive sublimate to control blackleg, black scurf, and scab.

Special attention is given to keep

the certified fields free from insects and foliage diseases. These fields are isolated from uncertified fields to give protection against insects. The grower sprays his certified field at least five times with a high-pressure sprayer. Bordeaux mixture, arsenicals and nicotine sulphate are used to keep the plants free from insects and blights.

The control of insects is very essential. They spread such serious diseases as leaf-roll, mosaic, spindle tuber, etc. These and other diseases cause potatoes to degenerate, or "run out." Often the soil or the weather is blamed for low yields caused by diseased plants. Replacing "run out" seed with certified seed is the surest and cheapest way to boost production.

The good cultural methods are also used, and they help to explain why the certified seed outyields non-certified seed by fifty bushels or more per acre. In the past five years the average yield per acre from certified fields has climbed from 138 bushels to 215 bushels.

This year Michigan certified seed of the Russet Rural, White Rural, Green Mountain and Irish Cobbler varieties can be purchased from individual seed growers, or from the Michigan Potato

Growers' Exchange, Cadillac. Sources of seed, and other information on the seed potato inspection service, can be secured by writing the Farm Crops Department of the Michigan State College, East Lansing, Michigan. The varieties certified embrace practically all of the most important varieties of Michigan.

The Russet Rural is the most extensively grown late variety. It does well in sections where in summer droughts threaten. It produces the best market quality on the lighter types of soils. On heavy soil its skin tends to be dark colored, and there the White Rural is preferred. It has about the same qualifications as the Russet Rural, except for its white skin and brighter color.

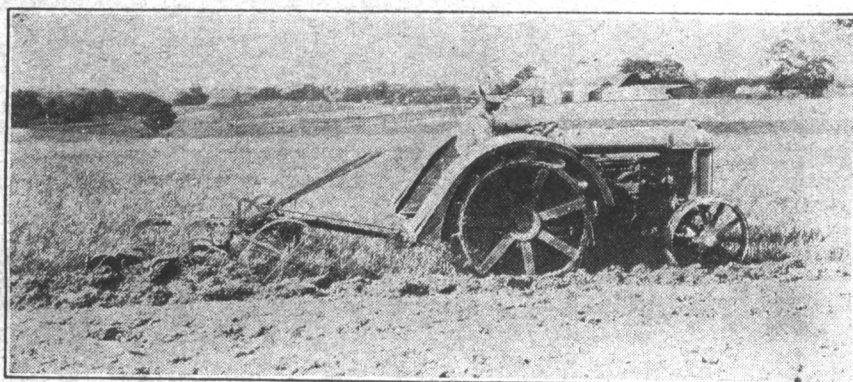
The Green Mountain, a late variety of excellent quality, requires a cool, moist region, like the Northern Peninsula. It is not as resistant to dry, hot weather as the Rural types.

The Irish Cobbler is considered the best early variety for Michigan. It is of very good quality, and when grown on fertile soil, and thoroughly sprayed with Bordeaux mixture and arsenicals, it gives very satisfactory yields.

Growers should fill their potato requirements early. The general shortage of seed potatoes throughout the country this season, will make an unusually heavy demand for Michigan certified seed by out-of-state growers, and the supply is some seventy thousand bushels less than it was last year.

Many growers pool their orders early with their local dealer, cooperative association, or other agent, and buy in carload lots, thus making considerable saving on the price of the seed and on freight rates. A carload of seed contains about 650 bushels, enough to plant forty acres.

Present high prices for table stock potatoes makes this an excellent time to market the inferior seed for table stock and replace with certified seed. The difference in price between certified seed and table potatoes is lower than it has been in the past four years.



The First Spring Plowing Done Was to Turn Under an Alfalfa Sod for the Potato Crop.

Feeding Brooder Chicks

Some Essentials in Feeding Which Are Necessary For Success

By E. A. Williams

THE feeding of artificially brooded chicks is one of the most important factors in poultry keeping, and successful nutrition should begin with hatching, and extend throughout the growing period. The first four weeks are the most trying, for this period covers the delicate stage of the chicks' growth, and is the time when the death rate is greatest, and when mistaken methods will be shown by poor broods.

The following principles apply to baby chick feeding, a discussion of which will better fix them in the mind of the feeder. Just prior to hatching, the yolk is drawn into the bird's body, and supplies the growing chick with nourishment for a number of hours after hatching. It is undesirable to tempt or force the chick to eat within a period of from forty-eight to sixty

hours after hatching. The best practice is to supply fresh water and plenty of fine grit when putting chicks in the brooder, withholding all solid feed for at least the first twelve hours in the brooder. A good plan is to give the chicks their first feed the morning after they are placed in the brooder.

The young chick artificially hatched has to be taught many things which, under natural conditions, it learns from the mother hen; such as searching for feed, and the elementary process of eating. The natural instinct of the chick is to pick up bright things; for this reason, feed which is easily seen is desirable. A good practice is to throw a limited amount of rolled oats on the floor of the brooder, only

what the chicks will eat in an hour or two. Rolled oats are very nutritious, are relished by the chicks, and make an excellent first feed, but their continued use is not desirable. Hard boiled eggs mixed with bread crumbs, may also be used as a first feed for young chicks. Dry, cracked grains are fed, but they are less easily seen. Grit, to enable the digestive organs to perform their functions, and shell to supply lime so essential in the formation of bone, should not be omitted. Sand placed on the floor of the brooder will help, but will not of itself be as effective as two or three handfuls of sharp granite grit and fine oyster shell placed in several conspicuous places in the brooder.

Plenty of fresh water is essential, since the chick gains weight rapidly, much of this gain being water. Stale or stagnant water carries disease germs, and is liable to produce disease disorders in the digestive system of the chicks. Keep fresh water before them constantly, using a small syphon fountain, which can be rinsed out daily to prevent it from becoming slimy.

Dry, cracked grains are the best feed, all things considered, since they supply the elements required, and in a form which cannot lead to injurious results. When the chicks are from six to ten days old, this can be economically supplemented with bran and dry mash. Wheat bran is an important asset in the feeding of the baby chick, since it is easily digested and contains a form of vegetable ash which is read-

(Continued on page 442).

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DETROIT, MARCH 27, 1926

CURRENT COMMENT

The Truth-In-Fabrics Bill

PROGRESS is at last being made toward the passage of the Truth-in-Fabrics Bill by congress. This bill, "To prevent deceit and unfair prices that result from the unrevealed presence of substitutes for virgin wool in woven or knitted fabrics and in garments or articles of apparel made therefrom," was again introduced in the present congress by Senator Capper, of Kansas, and referred to the Committee on Interstate Commerce. This committee referred it to a sub-committee of three, one of whom was Senator Couzens, of Michigan. After due consideration, this sub-committee reported the bill back favorably with two slight amendments, which report was approved by the full committee, and the bill is now on the senate calendar for consideration by that body.

Probably no legislation before congress in recent years has received more general commendation and support from the farm folks of state and nation, than this truth-in-fabrics bill, now officially known as Senate Bill 1618. It was first introduced in 1913 and has been before committees of congress in each congress since that date. It has been strongly supported by a large proportion of our population, especially the farm folks of the country, in the hearings which have been held for the discussion of its provisions. It has been endorsed by the leading farm organizations of the country, including the National Grange, the American Farm Bureau Federation, the Farmers' Union, the American National Live Stock Association and others. It has at all times been vigorously opposed by the eastern woolen manufacturers who are now, as ever, active in their opposition to this measure.

The bill as now worded, is designed

to remove some of the objections which have previously prevented its passage by limiting the branding required to mixed goods on the same basis as the pure food legislation now in force. This bill, in its present form, does not require virgin wool goods to be branded, as the pure food law does not require pure butter to be branded as butter; but under its provisions garments of mixed wools or cotton, usually called "shoddy," which might be sold as virgin woolen goods, would have to be branded, giving contents of the goods, on the basis that the public has a right to know what it is purchasing.

Farmers and farm organizations have been constant in their support of this proposed measure during all the years in which it has been before congress. They should be active in its support now that it has for the first time been favorably reported by a committee and is before the senate for consideration. Interested readers should write Senators Couzens and Ferris, urging their active interest, as well as support, for the early passage of this measure.

Farm Power Problem

THE greatest consumers of power in this country are the farmers. They use more than all our manufacturers and central power plants combined. The total employed on American farms aggregates, in round numbers, three billion horsepower annually. Combining this power with his own labor has enabled the farmer to treble his production since seventy-five years ago.

But the waste in farm power is tremendous. This follows naturally from the great diversity of uses, and the varying conditions under which it is employed. It will be impossible to secure the efficiency on the farm that can be obtained in the shop. Nevertheless, this opportunity for saving power is worthy the careful attention of farmers.

One slogan should be adopted by every farmer. That is, "keep the farm power busy." Idle power is expensive. With farm work planned so that the maximum of service can be rendered by the minimum of power units, a man will have a great advantage over his less diligent neighbor. The chief advantage of diversified farming lies in the more efficient use of farm power.

Progressive farmers study to cut down production costs through a better understanding of the farm power requirements. By replacing, as far as possible, the high-priced human labor with horse or mechanical power, and by adopting the most efficient types of farm power, the up-to-date farmer is able to overcome many handicaps and to successfully compete with his less progressive neighbors.

A Home Remedy

THERE are certain fundamentals in agriculture which need adjustment, and there always will be. We can have no hope in the present age of reaching Utopia in agriculture, or in any other activity of life. In fact, life itself is constantly a matter of adjustment. So, while politicians are disagreeing on what pill will cure the ills of the farmer, the farmer can work effectively toward curing them himself. Perhaps he may bring the cure before the politicians agree.

It has occurred to us that the farmer who is producing three-hundred-bushel crops of potatoes, hundred-bushel crops of corn, getting milk from 500-pound cows, eggs from hens at a cost of fifteen cents a dozen, or other high-producing, low-cost results, is not worrying as much about farm relief measures as is the scrub cow-hen-and-crop farmer.

This is not because farmers are farmers, but because they are humans.

It is human to blame other things for one's own failings. The facts are, that there are still great opportunities to bring about farm relief by the use of better seed, more fertilizer, better culture and better stock. These will often bring the individual immediate results while the legislators are trying to iron out agricultural wrinkles.

When we are sick, care in eating, and changes in habits of living, are quite sure to bring results, usually better than the doctor's prescription, but we must often change our habits and our notions about things before we are willing to do the things best for us.

Parallel to this is the agricultural sickness. We must change our notions about some thing agriculturally before we become willing to change our methods, but as usual, we hate to make the effort and are willing to wait for the doctor's pills, with the hope that it might make our ills vanish. However, reams of human experience show that the cure comes more often from one's own efforts than from some elixir.

Regardless of what legislation may come, the lowering of production costs is fundamental to success. If favorable legislation should be worked out, it will add just so much more to the benefits derived from good farming.

Loafing Or Learning

TWO counties in a sister state have been surveyed with respect to places where people "hang out." Both are purely agricultural counties. In the least progressive county eighty-three, and in the other only thirty-seven such places were located. Of the eighty-three places, only twenty-seven per cent were given a good name by the neighbors, while in the progressive county seventy-six per cent of these loafing places had favorable reputations.

The farm folks in the progressive county have, in all probability, used their spare time to good advantage. The men and women in that county without doubt enjoy the radio, the movie, lectures, extension schools, and local church activities to a greater degree than do the men and women of the other county. In other words, these forward-looking people are investing their marginal time in futures which some day will pay good dividends.

Last week Professor Willard, of Massachusetts, was elected to the staff of the Michigan State College, to look after continuing educational work in Michigan. It will be Professor Willard's job to provide ways and means to use advantageously, time which many folks now devote to loafing.

In other words, this new venture on the part of the Michigan State College is to furnish a market for the farmer's waste time. Many will find it hard to break from the old habits, but, once they taste of the satisfaction that comes from making progress, the appetite for wholesome activities will develop apace. This appetite will be even more keen if we voluntarily undertake to make the best use of the hours and days now spent in just loafing.

The Old Hen

THE term, "the old hen," is full of meaning, especially when applied to the feminine of our own species. But, regardless of the application of the term, it means that the female in question "has seen her best days."

But, taken in a serious way, that term, when applied to chickens, is significant of accomplishment. The old hen has raised several families and has endured all the vicissitudes which go with family cares. She also has a record in egg laying, which may be an enviable one, or otherwise, but nevertheless, a record.

The old hen is responsible for a bil-

lion and one-quarter dollar industry which, less than fifty years ago, was not even recognized by the United States census, but which is now only exceeded by five other agricultural commodities in value.

It's the old hen that has bought the groceries for the farmer's table and, we surmise, has kept more than one farmer from going broke. Crops may fail completely through blight, frost, or drought, but the old hen never fails if she is given half a chance.

The old hen is a worker. If she comes from a fairly good working family she will produce eggs weighing a total of five to six times her own weight in a year, and will consume fifteen times her weight in food to do it.

We are just beginning to realize these things about the old hen, and are cooperating with her in her industry; that is, some of us are. Perhaps it would be well for each to ask himself if he is cooperating with the hen as he should. He will find that the old hen pays one back for every good thing done for her.

And, incidentally, we might mention that it is the old hen in her bedraggled working clothes that is producing results, not the young chicken flying around in fine feathers.

Have you sent your nomination to the Master Farmers' Club? Write to Editorial Department for score card and suggestions on scoring.

Slur

A SLUR is somethin' what the professor calls contemptuous, but it's quite common. Seems like it's easy ta say things what ain't nice about people, most o' us is got the habit. And it's hard ta say somethin' nice about them unless we're lookin' fer a favor from 'em, and then most o' the time we're lyin', 'cause we don't mean what we say.

They say when you slur anybody you're castin' reflectshuns upon him. In other words, every time you look into the mirror, must be you're slurrin' yourself. I know there's lots o' us what wish every time we look into the mirror, that somebody had given us somethin' better ta look at. It's the same every time we look at pictures o' ourselves. There's never any pictures what's as nice as we think we are.

Fer inst., ta prove we ain't satisfied with the reflectshuns we cast, why're woin always tryin' ta make out o' their faces what they ain't? It's a good ambitshun ta be better'n you are, but most woin make themselves look worse tryin' ta do it. If this paintin' business is goin' ta keep up, I make a moshun they teach it in school, ta save us from lookin' at such ugly exampuls o' art. Fer if that's art, give me science, or anything else.

I guess the troubl is, most folkses think, "Save the surface, save all." Well, that ain't so with human bein's, 'cause there's lots o' humans what's got well painted surfaces, but what's rotten inside. With boards, rot starts on the outside and works in, but with folkses it starts on the inside, and afterwards sometimes shows on the outside. Why, some o' these walkin' beauties look like they should have a sign on 'em, "Wet Paint; Don't Kiss Until Dry."

Well, I don't know if I've slurred the subject o' slurrin', or not, but I guess I've done enuf slurrin' fer the present. I only want ta tell you that Hank Mann says the greatest slur a young woin kin give a young man, is ta leave some powder on the shoulder o' his coat. That's dirt what is goin' ta cause lots o' troubl if it's found out.

HY SYCKLE

Michigan's Corn King

Raises Over 112 Bushels of Shelled Corn Per Acre

DOWN in the southeastern part of Hillsdale county, near the village of Waldron, lives Ernest Gilbert, Michigan's 1925 champion corn grower. His officially measured five-acre plot averaged 112.42 bushels of shelled corn to the acre in the corn contest conducted by Michigan State College men. Below are given some of the practices followed by this successful farmer.

His farm consists of 280 acres, the operation of which requires that he hire two extra men. The land is fertile and well drained. At the time this inventory was taken there were seven dairy cows, ninety-five sheep, 110 hogs, and four horses, carried on the farm. The crop rotation followed is corn, oats, wheat, and clover or alfalfa.

In the production of high yields of corn, Mr. Gilbert finds alfalfa sod one of the very best places to turn down for corn. In growing the champion field, he not only had the advantages of a good rotation, and the stimulating effect of the alfalfa sod, but he also applied fifteen loads of barnyard manure per acre, as well as 275 pounds of commercial fertilizer.

The field was plowed on April 19, using two twelve-inch bottom plows behind his tractor. He turned over the land to a depth of about seven inches. Immediately the field was harrowed with the spring-tooth, which was followed by the cultipacker. Again on May 2 the ground was worked thoroughly and leveled with a float, and three days after, the fertilizer was distributed by means of a grain drill.

The corn was planted on May 13. Mr. Gilbert has developed a high-producing strain of yellow dent corn. He used this seed at the rate of ten pounds per acre. One week later he went over the field with the spike-tooth harrow, and on June 1 all skips were planted in. Mr. Gilbert emphasizes the need of using seed especially adapted to a locality. He also believes that many farmers plant their corn too thick to get best results.

Cultivation began on the fifteenth day of June, when he covered this field for the first time. The second cultivation took place on June 22, and the final one was completed three days before celebrating the Fourth of July. A thorough hoeing was also given the field immediately following this last cultivation.

Besides growing this championship yield of 112.42 bushels per acre on the five-acre plot, Mr. Gilbert also harvested last year an average of seventy-one bushels of shelled corn per acre from forty-eight acres. This goes to demonstrate that Michigan's 1925 champion corn grower gained this distinction through ability, rather than by accident.

Mr. Gilbert's farm equipment consists, besides the tractor, of a two-bot-

tom tractor plow, two single row cultivators, corn planter, disk, grain drill, cultipacker, spring-tooth harrow, fanning mill, roller, manure spreader, gas engine, hand-sheller, shredder-husker, spike-tooth harrow, motor truck, wagons, windmill, and home water system.

THE SON'S POTATOES YIELDED HIGHEST.

SUPERINTENDENT BURT, of the Byron High School, has a little different idea than most educators on directing the future of his students. He has taken the trouble to find out the likes and dislikes of his students. As for those agriculturally inclined, he has assisted in getting projects for them which are being worked out on the home farms.

One of the students, living in Cohocta township, Livingston county, Stanley Ball, has showed up his dad, and also made an enviable record as a producer of certified seed potatoes.

Through the encouragement of Mr. Burt, Stanley bought twelve bushels of certified White Rural seed potatoes. The twelve, however, only planted three-quarters of an acre, as they were very large. However, he fitted one whole acre, actual measurements. His dad, being a good-natured character, said, "I will put the remaining quarter in my old stand-by seed. I think they will look about as good as your seed, anyway."

Stanley dug 248 bushels by measure, from three-quarters of an acre, or an average yield of 330.4 bushels per acre, and his dad dug 52.5 bushels from the remaining quarter acre, or an average yield of 210 bushels per acre. The acre was all fitted the same, also cultivated and sprayed the same, showing there is a decided difference in ordinary and selected seed.—C. L. B.

Fruit auctions are becoming important factors in distribution, having sold \$150,000,000 worth of farm produce by auction in the county last year.

George Felt, secretary of the Sparta-Alpine Boys' Calf Club, was awarded state championship in dairy calf projects in Michigan. He is also champion of Kent county, and had the highest score in the dairy calf project at the West Michigan State Fair last fall.

The Onekama Farm Bureau made a record in doing a \$176,000 business at a cost of 7.4 per cent. This charge included a seven per cent dividend on an \$8,800 capital stock, and an addition of \$1,000 to its surplus. A \$3,000 addition to its warehouse will be made to take care of its increased business. The addition will be financed by the sale of more stock.



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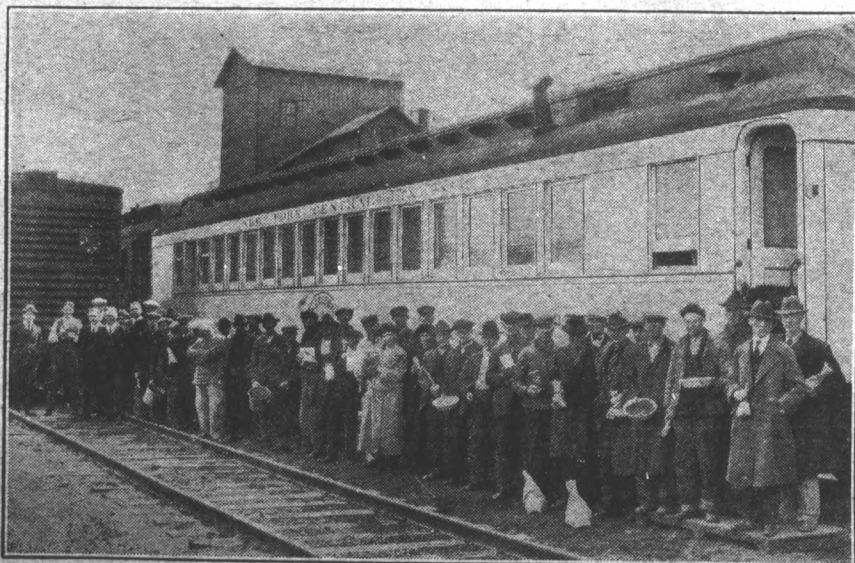
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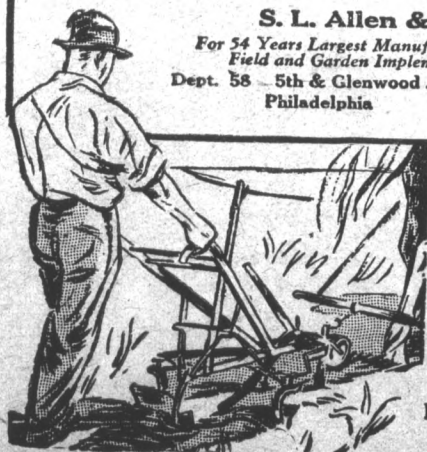
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LATE AGRICULTURAL NEWS

RELIEF LEGISLATION STILL MUDDLED.

THE farm relief committee of twenty-two from the corn belt states, having failed to agree on the original Dickinson bill and one or two later proposals for disposal of the agricultural surplus, in cooperation with the American Farm Bureau Federation representatives, have drafted a new bill which is the culmination of weeks of effort on the part of the middle west delegates to agree on a concrete measure.

This new bill, without a sponsor in congress, or a number, has been presented to the house committee on agriculture. It would establish a Federal Farm Advisory Council of sixty members to be elected by the farm and cooperative organizations, and to meet in Washington at least twice each year. The council is to select a list of thirty-six individuals, from which the President is to appoint twelve members of a federal farm board to be established in the department of agriculture, one member from each of the twelve federal land bank districts.

Whenever the board finds that there may be an exportable surplus of cotton, wheat, cattle or hogs, or any food product of these commodities, and that a substantial number of cooperative associations are in favor thereof, it shall arrange to assist in removing this surplus from the domestic market by entering agreements with co-

operative associations, or with persons engaged in processing such agricultural commodity.

AGREE ON MUSCLE SHOALS.

A FORWARD step in the settlement of the Muscle Shoals problem was made when the senate accepted the the house amendments to the resolution authorizing the appointment of a joint congressional committee to negotiate a lease of the nitrate and power plants at Muscle Shoals, Alabama. A house amendment provides that any lease negotiated by the committee shall safeguard the production of nitrates and other fertilizer materials.

NEW RELIEF PLAN OFFERED.

A NEW scheme is in the offing, which is said to be regarded with favor by several members of the agricultural committee. It would provide a federal board to determine a ratio price for basic farm products, with an export bounty to equalize the ratio price. If there is a short crop, and prices are high in consequence, there would be no need for a bounty. If price falls below the ratio price, the board would determine what the bounty should be to reimburse the producers for the difference between the market price and the ratio price.

No complicated machinery would be required. There would be no necessity for an equalization fee. The government would pay the export bounty

out of the treasury and thereby distribute the cost over the entire country, as at present all the people are required to pay cost of tariff benefits.

USE MORE ICE CREAM.

THE consumption of ice cream in the United States has increased enormously within the last five years. In 1910 it was 1.04 gallons a year per person. In 1925 it was 2.8 gallons per person, according to the department of agriculture. The total quantity of ice cream consumed last year is estimated at 322,729,000 gallons, compared with 260,000,000 gallons in 1920.

WOOL PRICES STEADY.

WOOL prices at the opening of the second series of the 1926 London auctions on March 9 were on a par with closing prices of the February auction, according to a cable to the department of agriculture from E. A. Foley, agricultural commissioner at London. The previous auction closed with the highest prices of the series.

TO INTEREST YOUNG PEOPLE IN FARM LIFE.

ORGANIZATIONS designed to interest farm young folks in farming and rural life, are to be made the subject of a survey in Pennsylvania by the department of agriculture in cooperation with the Pennsylvania Agricultural College. The aim of the study

is to discover the principles involved in the successful organization of local community groups.

News of the Week

The state legislature of Kentucky passed a bill permitting the playing of base ball on Sunday, over the governor's former veto of it.

Colonel John Coolidge, father of President Coolidge, died March 18 at his home in Plymouth, Vt., after a long illness. He was within two weeks of his eighty-first birthday.

Mrs. Bertha K. Landes has become mayor-elect of Seattle, Washington, as the result of a recent election. She will be the first woman to rule over a large city.

An epidemic of the flu has gripped the two Texas cities, Fort Worth and Austin. Small pox is also said to be spreading.

The French Ambassador, Berenger, opened a parley with Secretary Mellon, with reference to the war debt France owes America.

The three congresswomen will seek re-election, as they find their jobs in the Capitol interesting. These women are: Mrs. Mary T. Norton, democrat, New Jersey; Mrs. Florence Kahn, republican, California, and Mrs. Edith N. Rogers, republican, Massachusetts.

Eamon De Valera has resigned as president of the republican party in Ireland. At one time DeValera was hailed as leader of the Irish nation.

The foreign minister of Panama has forbidden entry into that country, of Rikardo March, an American, for expedition among the Indians there, because of uprisings he caused when among them the last time.

OUR SERVICE DEPARTMENT

Always Give Name and Address When Sending Inquiries
as Satisfactory Service Cannot be Given to Unsigned Letters

AN OLD FURNITURE CONTRACT.

Ten years ago, I purchased a few pieces of furniture. A few weeks after that I was to move away, and asked the seller to take them back as I could not pay for them or take them with me. He did this. Now I have been back here for a number of years. I have seen this man often and he has been at my home, and nothing has been said about this matter. Any papers I may have had referring to this deal were lost when I moved. The other day a bill against me for \$31.51, and over \$17 interest, came from this dealer. Am I liable? I have never paid anything to this man to renew contract. This man says he has orders for legal proceedings to have the amount collected. He does not state, though, what I bought, nor the date. He has been compelled to go out of business on account of drinking.—E. R.

It would appear from the circumstances that the contract was cancelled at the time of the return of the furniture, but whether that was so or not, all right of action upon the contract was barred six years from the time liability under it accrued.—Rood.

CITIZENSHIP.

My father is not a citizen of the United States. I was born in the United States. Will I have to get papers so I can vote when I become twenty-one?—F. R.

All persons born in the United States are citizens thereof, by the express provision of the United States constitution, regardless of the citizenship of their ancestors.

A TEACHER'S RIGHTS.

How does Michigan law apply to a teacher punishing a child? Has she the right to bend back a child's hand and strike it as hard as she can with a ruler, or to strike the child over the head with it? Also, may she call children names, such as fools, sneaks, snoopers, heathens, and brats, and

thieves? The teacher here has accused my three little girls of stealing. They have a great many pencils and tablets stolen from them, and the teacher will do nothing when they ask her assistance in finding them, but when anyone else in the room loses anything she accuses my children. We wish justice.—M. A. T.

A school teacher, while authorized to administer corporal punishment to maintain order in the school, is liable for injury resulting from use of instruments liable to cause permanent injury. Charging a person with theft is actionable without proof of damage,

but in order to recover more than six cents, it would be necessary to prove damage resulting. No spoken word constitutes crime, it is merely a private wrong for which action may be brought.—Rood.

LIABILITY FOR PAYMENT OF TAXES.

In December, 1925, A. bought a farm on contract. Nothing was said in contract about 1925 taxes. The taxes are still unpaid and who will have to pay them? If B. pays them can he put the amount paid on the contract against A.?—M. S.

The liability for the taxes depends upon the terms of the contract. A quit-claim involves no liability of the grantor for any incumbrance on the property. If the vendor agreed in December to give clear title he would have to pay the county and state taxes for that year, because they became a lien on the first of December.

HIRED MAN'S RIGHT TO HOUSE.

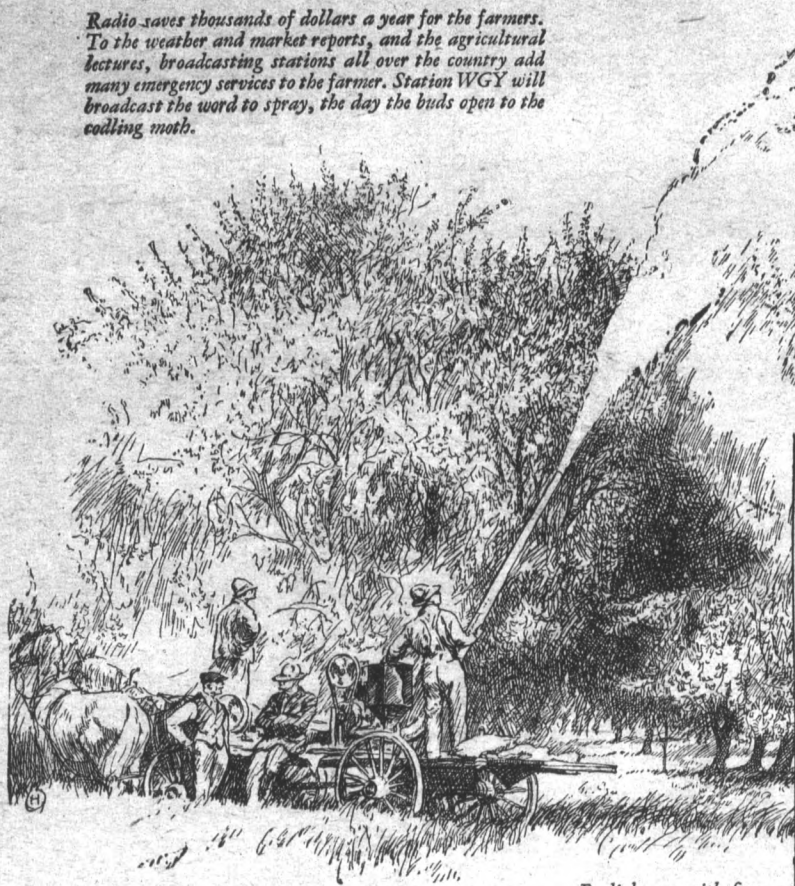
If a married man has hired out for a certain length of time, and has quit before his time, can he hold the house until his time expires, after we have given him notice to remove goods? Can we collect rent from time notice was given? Can I lock the house up with goods inside?—R. H.

The question could not be answered to a certainty, if at all, without seeing the contract of hiring. If the man occupied the house as a convenience to performing his work on the farm, he is not a tenant, and is not entitled to notice to quit, but must move when his service ends. If he is a tenant paying rent, the same methods and notice to terminate tenancy is necessary, as in case of any other lease.—Rood.

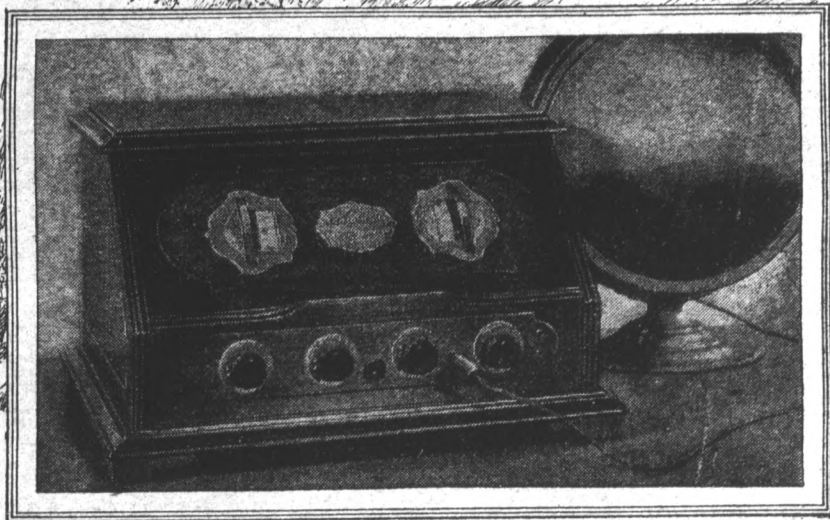
Getting the Affairs of the Nation Then and Now



Radio saves thousands of dollars a year for the farmers. To the weather and market reports, and the agricultural lectures, broadcasting stations all over the country add many emergency services to the farmer. Station WGY will broadcast the word to spray, the day the buds open to the codling moth.



Radiola 20, with five Radiotrons . . \$115



Where dependability counts— Radiola 20

WHEN the codling moth lays its eggs in the bud—the word comes—right on the hour—"Spray!" When a cold wave is rolling toward the home fields—the warning comes—"Frost tonight!" The farmer no longer plays a losing game with the weather man. He gets the weather reports by radio. He no longer takes the price he can get—but sells his goods at the top of the market. He gets the market reports daily—by radio.

On the farm, where the dependability of a radio set is a matter of dollars saved—where distance is important—and clearness—the new

Radiola 20 meets all demands. It was built to give greater five tube performance than any previous five tube set—for those who want a fine set at a moderate price.

It is so accurately built that, with its three tuning circuits for sensitivity and selectivity, it can be tuned in with a *single control*. The man who wants to play for distant stations will use the extra knobs for extreme delicacy of tuning. But a single turn of a single control will bring in the near programs, one by one.

For volume—on inexpensive dry batteries—Radiola 20 has the new

RCA power Radiotron. This newest tube takes the strain of added volume—gives you clearer, truer tone.

With Radiola 20, the farmer has the simplicity of uni-control. *Volume* and clarity of tone for the music of the great artists, now being broadcast from the big cities. *And dependability!* RCA, with the backing of the great laboratories of General Electric and Westinghouse, can assure you not only finest performance, but continued fine performance.

Get a Radiola 20—and get close to the market, news and entertainment centers of the great cities!

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What guarantee have you that you will not be seriously injured in a year's time?

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DOUBLE WEEKLY INDEMNITY FOR HOSPITAL CASES	
DEATH BY ACCIDENT \$1000	TOTAL DISABILITY \$1000 A WEEK
LOSS OF ONE EYE \$250	PARTIAL DISABILITY \$250 A WEEK
LOSS OF BOTH EYES \$1000	LOSS OF ONE HAND \$500
LOSS OF ONE FOOT \$300	LOSS OF BOTH HANDS \$1000
LOSS OF BOTH FEET \$1000	LOSS OF HAND AND FOOT \$1000

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OTHER MICHIGAN PRAIRIE LANDS.

REFERRING to the article, "After a Century of Farming," by Jason Woodman in a last fall's issue of the Michigan Farmer, I would say, so far as my knowledge extends regarding our glorious state of Michigan, I think he is correct regarding the Prairie Lands, except he has overlooked a large portion of the state comprising Bay, Tuscola, and Huron counties. Here, I think, there is more prairie lands now under cultivation, "and no better land in Michigan," than in all the territory covered by his article.

I purchased a farm in Tuscola county forty-seven years ago. At that time possibly one-twentieth part of prairie land here was under cultivation. Today there may be about that amount not cultivated. One has only to refer to statistics to know that general crops are no better in the state than the above counties.

The prairie lands I refer to border along Saginaw Bay, and, owing to a lack of drainage until about twenty years ago, water had to just soak away. But today it is all well-drained and very productive—thanks to dredge cuts on every mile or half mile, and tile. I was the first person in this county to use tile on these prairie lands. They are now mostly tiled.

Contrary to conditions he describes regarding the use of fertilizers and manure, we double our crops by using either manure or commercial fertilizers high in potash or phosphoric acid. Hope to see Mr. Woodman, or anybody else that might be interested in good crops when growing.—O. F. Reeves.

PRESIDENT REASSURES MR. LENNON OF FAVORABLE ATTITUDE TOWARD FARMER.

WE had a fine time in Washington. The President said the door was wide open for any reasonable legislation that would bring relief to the farmers of the country. He received the committee most courteously and expressed the hope that some workable plan would be hit upon to relieve present deplorable conditions in agriculture.

I talked with some of the leading newspaper correspondents in Washington to get, if possible, the "low-down" on the chances for a bill attempting to solve the surplus in farm products. They all predicted that if this congress did not pass such a law the next one would. I believe that the great majority of the men in congress are sincere when they say they will go the limit to help the farmers.

The great trouble is, there are a million different ideas as to what should be done. Out of the jumble I predict that a law defining a new policy for agriculture will be placed upon the federal statute books, and that the man who tills the soil in these United States will be assured a fair return for his labor.—Peter B. Lennon, Legislative Representative for Michigan Committee of Twenty-two of All-Agricultural Conference.

EARLY SHEARING.

EARLY shearing of the breeding flock has its advantages. I have practiced reasonably early shearing for years with splendid results. I know that some flock owners fear injurious after-effects from early shearing, but I have never encountered any harmful results; while, on the other hand, I believe the practice merits much consideration. Too early shearing in the month of February is not to be recommended, especially when conditions are inadequate to fully protect the sheep from sudden and severe changes of weather.

I generally shear my breeding ewes in the month of March, or the first week in April. Sheep that have been

well-fed during the winter, have a dense, heavy fleece, and as spring-time approaches, they feel uneasy and restless. While breeding ewes, well cared for, do not become infested with ticks, yet there are always some ewes in the flock that harbor a few of the parasites, and, unless destroyed before the lambs begin to come, are likely to find their way onto the little lambs and cause increased trouble and loss.

Early shearing also has the advantage of getting a job off your hands when other farm work is not pressing. In my locality there are several shearing equipments, but in order to employ them, the small jobs must be gotten out of the way before the fat lamb shearing season begins. I have found the latter part of March a good time to shear. I have a warm basement barn that I can close up in case of a few days of cold weather, so I have no difficulty in making it comfortable for my flock.

With lambs arriving along the first of April, I find it a great deal easier to care for the ewes and lambs with the wool removed. Less trouble is encountered in getting the lambs to nurse, and besides, there is much less difficulty for the lambs finding their food when assistance is not around. Further, the breeding ewes can be confined to smaller quarters and, in case of trouble, two or three ewes may be confined to one small pen.—Leo C. Reynolds.

RECORD TOURIST TRADE EXPECTED THIS YEAR.

THE tourist traffic of the Upper Peninsula has trebled in the past six years," said G. E. Bishop, secretary of the bureau. "On a very conservative estimate it left seven and one-half million dollars with us last year. If we are to place any confidence in the extreme interest being manifested in Upper Peninsula shore line property, the cash return of the 1926 season will greatly exceed that of last year."

WHO HAS USED THIS MATERIAL.

TO prevent losses from blights and other bacteria that affect seed and the resulting crops, a phenol-mercury compound, known to the trade as Us-pulun, is now being offered the public. We do not have definite information as to the value of this material. If any readers have made tests, we would be pleased to learn the results.—Eds.

RADIO PROGRAM FROM WKAR.

FROM Radio Station WKAR, Michigan State College at East Lansing, will come this program for the week of March 29.

March 29—7:00-7:15 p. m., bedtime stories; 7:15-8:00 p. m., farm radio school.

March 30—7:00-7:15 p. m., nature study series; 7:15-8:00 p. m., farm radio school.

March 31—7:00-7:15 p. m., nature study series; 7:15-8:00 p. m., farm radio school; 8:00-9:00 p. m., musical program.

April 1—7:00-7:15 p. m., nature study series; 7:15-8:00 p. m., farm radio school.

April 2—7:00-7:15 p. m., nature study series; 7:15-8:00 p. m., farm radio school; 8:00-9:00 p. m., state department program.

The weather forecast is put on the air every day at noon, except Sunday, on which day it is silent all day.

Forest fires caused largely by human indifference is the greatest single obstacle to reforestation and effective forest management.

The Michigan State Horticultural Society will hold its annual summer tour through the Grand Traverse region during cherry picking time, July 23-24, it was recently announced.

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This one-profit WITTE Log Saw uses Kerosene, Gas-Oil, Distillate or Gasoline and will cut from 10 to 25 cords of wood a day. Easy to operate and move. New device makes easy starting in any temperature. Trouble-proof. Fells trees and saws them into blocks—runs other farm machinery. Fast money maker and big labor saver. Completely equipped with WICO Magneto, speed and power regulator, throttling governor and 2 fly wheels.

Change to Tree Saw in 3 Minutes



30 Days' FREE TRIAL—Lifetime Guarantee

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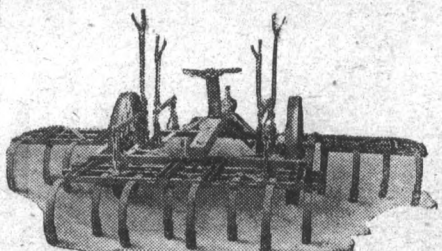
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KALAMAZOO MICHIGAN

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We have a new kind of oats we have been experimenting with for four years on our 280-acre Experimenting Farm. This oats will yield from 60 to 90 bushels per acre on fairly good soil, and is very heavy. A 2-bu. bag holds 2½ bu. The straw grows tall but stands up good on rich soil. Price 25 cents per lb., delivered at your home, parcel post prepaid, at any point in the United States. Money order with order.

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LOWER CULTIVATION COSTS
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CULTIVATE CLOSE TO TREES
GUARANTEED LIGHT DRAFT
A Size and Type for Every Orchard and Field use.

Write for Folders.

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108%
Neutralizing
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The new STAR WINDMILL with Timken Tapered Roller or No-Oil-Em bearings, running in oil, provides water in the lighter winds and requires almost no attention.

Its scientific wheel construction, running-in-oil lubrication and superior quality throughout—PLUS the GALVANIZED protection—mean that your STAR will last—and last—and LAST!

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This free windmill book is full of information that you should have. It will oblige you in no way to write for it. Send your name and address only.

STAR
RUNNING-IN-OIL
WINDMILL

Farm Garden

A TIP ON STARTING PLANTS.

IT is often desirable to start such plants as lima beans, cucumbers, melons, and other plants that do not readily lend themselves to transplanting, a few weeks earlier than they may be started in the open ground. The seeds are sometimes sown upon sods, but I have found a way that has proved very satisfactory for the small garden. Three-inch tin cans are used. These can be found in great numbers in any refuse heap or dump. The tops and bottoms are melted off, leaving simply the tin band. A box is made of a size that will hold the desired number. The cans are set in place and a half-inch hole bored in the bottom of the box in the center of each band. This is to provide drainage. A bit of sod is placed over each hole and the bands filled with garden soil. Two or three seeds are planted in each band. When it is time to get the plants in the garden, the plant, with its band of tin, is set in place and the roots are not disturbed. The tin affords protection from cutworms and forces the roots to go down deep, thus being of value in case of drouth. An ordinary kitchen window is large enough to start plants of early cucumbers, melons and lima beans for the early crop in the home garden.—C. H. C.

THE TOMATO CANNING INDUSTRY.

MICHIGAN soon is to become one of the leading tomato canning states in the Union. Professor George Starr, of Michigan State College, predicted in a talk on various truck crops which fruit growers might grow as intercrops in their young orchards.

More canning factories in Michigan will pack tomatoes this year than ever before in the history of the industry, Professor Starr declared. Since they have found that as great a tonnage per acre can be obtained in Michigan with the Improved John Baer tomato as with Stone tomatoes in Indiana and Illinois, Starr said the canners in this state have shown renewed interest in canning this fruit.

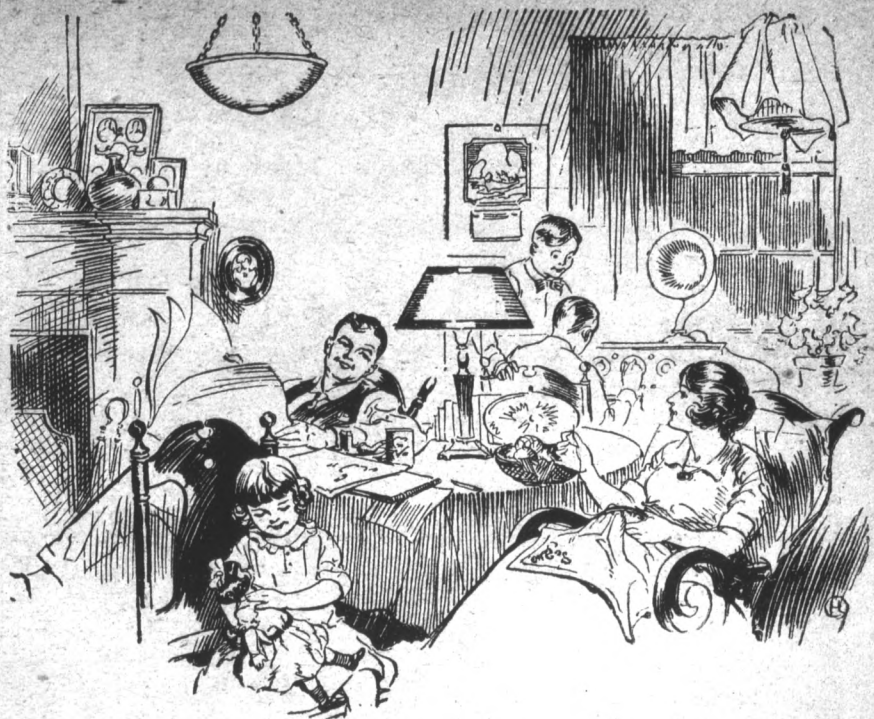
PLANTS IN ICE CREAM BOXES.

WE had some plants in small pots and they demanded more room. To buy four-inch pots was quite an expense, when we would not set the plants in the garden in two or three weeks. We sent to the ice cream stand and bought pint ice cream boxes and transplanted the tomatoes to those boxes with perfect success. We first made a hole in the bottom for drainage, but did not use gravel or anything inside, as we intended to keep them setting on moist sand, as we had the little pots. The plants grew remarkably fast, and we had tomatoes ripening some time before we would have had from plants secured from the hot-bed of plant growers. I have never tried planting seeds direct into the ice cream boxes, and believe if I did not have small pots I would start the seedlings in a box and transplant when they had a couple of leaves, to the ice cream boxes, as these might soften and give way if used too long.—L. C.

THE VARIETY QUESTION.

THE apple varietal question was given consideration at the recent Horticultural Society meeting at Benton Harbor, and many growers announced intentions of grafting such unprofitable varieties as the Duchess to McIntosh, Delicious, Greenings, Steele Reds, and like sorts.

NOTE.—The winners of the Garden contest which closed March 15, will be announced in next week's issue.



"Bright Lights" on the Farm

Why not?



The General Electric Company makes MAZDA lamps for all uses; the generators that supply the power; the apparatus for controlling and transmitting it over great distances; and the materials for installing electric service in homes, on farms, in factories, on streets and highways—everywhere.

Lights that fill the rooms with cheer and make guests welcome—the best entertainment by radio—a "bite to eat" from a glowing grill—all these things electricity can bring to youth on the farm.

And others more important. It will take the drudgery out of work, and make farming more profitable.

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Place your money in this strong 36-year-old institution under state supervision and know your money is safe and under your control at all times.

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Sour soil means poor crops. Experts agree fertilizer is useless on sour soil—it must have lime. The "Holden" Spreader makes bigger crops. Guaranteed to handle lime in any form, fertilizer, phosphate, gypsum, wood ashes or crushed shells.

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The Holden Lime and Fertilizer Spreader will make your soil healthy and productive. Spreads twice as far as any other; 20 ft. Attaches to any wagon or truck.

No holes to bore. Spreads evenly 100 to 10,000 lbs. per acre. Handle material only once, from car to field. Get literature and low prices now and ask about 10 Day Free Trial.

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RED MAN
THE MILD MELLOW CHEW

Handy Man's Corner

PULLING THE FENCE POSTS.

TIME and time again have I seen some intelligent farmer digging out fence posts and, on one occasion, I saw the fence posts around an athletic field, at a leading agricultural college, being removed by hitching a team to them directly, without any upward pull.

An ordinary chain fastened around the post and a two-by-four or eight, three feet long, placed under the chain to give an upward pull, will make the work much easier. In one end of the two-by-four cut a V-shape notch to hold up the chain, while the other end is placed on the ground. After the team is hitched to one end, and the other end of the chain is fastened to the post, simply raise the chain and place the two-by-four. The team will do the rest very easily.

If the posts are not too deep in the ground, a ply pole may be used instead of the team. In case of large posts some dirt on the same side that the team is pulling may be removed near the post.—H. Holt.

HOW TO MAKE A LONG SPOUT OIL CAN.

TAKE an ordinary oil can, fasten a cork over end of the spout, not to obstruct the opening, then stick a wire of desired length into the cork, directly below the spout opening. The oil will flow along the wire to the farther end.

REDUCE AMOUNT OF SEED FOR NURSE CROPS.

WHERE one counts on getting a good stand of alfalfa or clover, care should be taken not to get the nurse crop planted too thick. By sowing a bushel or less of barley or oats to the acre, one can greatly improve his chances of getting a good catch. Our experience on Fairview Farm has satisfactorily demonstrated the wisdom of this light seeding for nurse crops.—B. D. Smith.

BODY SQUEAKS.

A MIXTURE of kerosene and lubricating oil, forced between the body crevices with a squirt gun, or a brush, will overcome body squeaks. Rocking the car will permit the mixture to penetrate. Of course, it is necessary to see that all bolts are tight.

Another excellent remedy is to loosen the body bolts, then back them up with grease. The grease will work over the bolts when tightening and prevent many squeaks from this source.

A HOME-MADE CREEPER.

IN working around machinery, and particularly automobiles, a creeper is very convenient. To make one, secure two runners of equal length. To these two runners nail light barrel staves. Fasten casters to the four corners. The curved barrel staves are easier on the back than straight boards, and also possess a certain amount of flexibility.

SPARE TIRE THEFTS.

A USED tire is never as attractive to a thief as a new tire. When purchasing a new tire, if the owner would have it placed on a wheel and wear off its new appearance before placing it on the tire carrier, it would materially lessen the chance of theft.

Birdie, a bantam hen belonging to Mrs. Silas Husted, of Muir, died after living an active life for sixteen years. Each year she produced a flock of chicks.



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AND BETTER
ALWAYS
BEST**

After TEN YEARS OF USE in every part of the world—in all climatic conditions—in all kinds of wind and weather—after ten years of constant study and effort to improve it—the Auto oiled Aermotor is today a proven machine, tried and tested.

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WATER
WITH
LESS
WIND**

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WORLD EVENTS IN PICTURES



Billy Simian shows some of the California experts how roque should be played.



Corporal Sellier has received the Legion of Honor for sounding "cease firing" call Nov. 11, 1918.



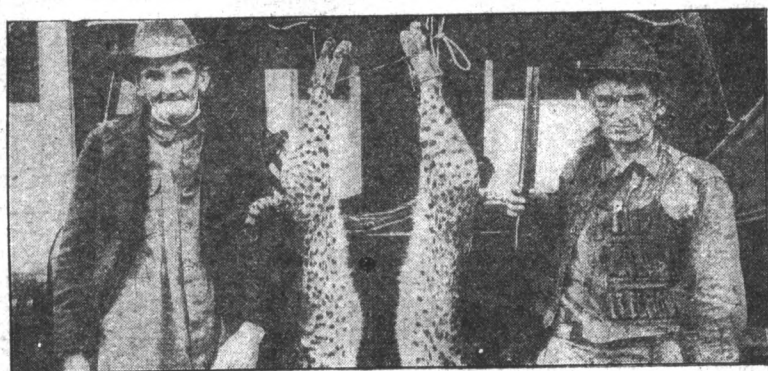
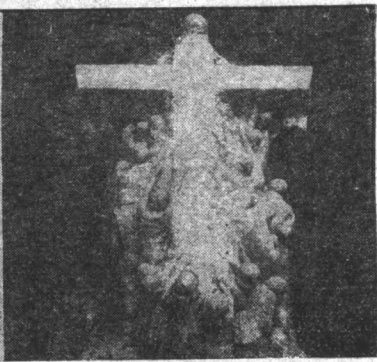
Johanna Zachmann is patiently waiting until her family of six German police puppies grow up.



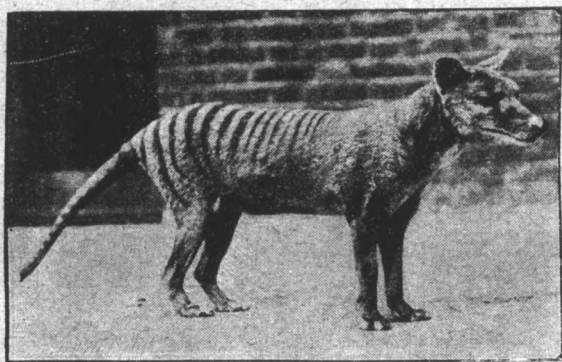
After 46 years continuous service in New York Railroad Yards, John Lang has retired.



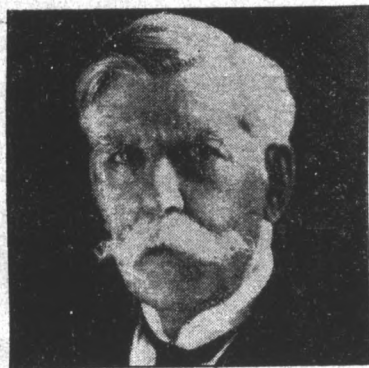
At the fiftieth anniversary of the Prix National, this statue, known as the Sacred Heart and Human Miseries, executed by Real del Sarte, was exhibited at the Grand Palais in Paris.



J. A. Fletcher and Jim Hayes, of Texas, returned from a deer hunt without deer, but with these two full-grown bob cats strung up against the side of their flivver.



This Tasmanian wolf, in the London Zoo, is only one in captivity. Two imported to America, died shortly after arrival.



Oliver Wendell Holmes, son of the poet, has celebrated his 85th birthday.



The Roosevelt brothers, Theodore and Kermit, have recently returned from an exciting nimrodding trip in the Himalayas Mountains.



Edwin LaDauve, outstanding boy scout of America, has 64 merit badges to his credit.



Edith Cobban won world's championship by sorting case of eggs in six minutes and 38 seconds.



Nurses of the American Hospital in Paris have received recognition for their hygiene work.



Louis Caton, apprentice in steel mills, will make his Metropolitan debut in April.

DICK had no way of judging the cause of her mishap. He saw her body hurtling through space and saw it splash in the sea below. A last despairing cry escaped her lips, and then the green water closed over her.

There was no way to reach her except by a straight dive from his elevated position. Dick reasoned that Blake, after the accident, would either flee, panic stricken, or hurry down to the beach with help. In either case, the fellow would be of little assistance in the rescue. It was up to him to make the effort.

Dick waited until she came to the surface, which seemed a long, torturing time to him. Her long fall had carried her far beneath the surface.

When her head showed finally for an instant, bobbing on the crest of a wave, he took the plunge, making a clean dive straight for her. The inevitable sinking and quick struggle to recover his breath on the surface followed. Then, clearing his eyes of the salt water, he caught a glimpse of her as she was going under the second time.

Dick was an expert swimmer, and understood the art of handling a drowning person. He made a surface dive, and caught her by the back of the hair, twisting it around in his fingers until he had a firm hold, and then throwing himself on his back he began towing her in.

The girl struggled and fought to clench with him, but he kept her at arm's length, and in spite of the waves dragged her slowly toward the shore. The beach was too far away, but a sheltered recess in the wall of rocks offered him a favorable landing place.

Fighting his way slowly through the waves, he managed finally to grasp the nearest rock, and with this as a lever he swung the struggling body of the terrified girl into shoal water. After that it was easy to pick her up and carry her to a safe ledge a few feet above the highest roller.

Gasping a little from his own exertions, he rested a moment before paying attention to Marie. He doubted if she had swallowed much water, and her moans and cries were due more to hysteria than to any alarming symptoms. At the worst, she would suffer only a little physical discomfort.

CHAPTER XI.

Marie came to her senses in due time, and struggled to a sitting position. Her wild startled eyes took in the sea rolling close to her feet. With an involuntary shudder and moan, she drew as far back from it as she could. Dick smiled.

"You don't have to be afraid of it, Marie. It can't reach you."

She turned her terrified eyes to him. She was stupidly quiet for a few moments.

"You—you saved me?" she gasped then.

"I picked you out of the sea," he replied lightly. "You weren't swimming very well."

"I can't swim," she replied.

"Then you should keep out of the water. What made you take the long dive?"

She shuddered again, and glanced up at the top of the cliff. Memory suddenly flooded her mind. Her eyes flashed.

"I didn't dive!" she said. "He pushed me over. He wanted to kill me—get me out of the way—the murderer!"

"Who are you speaking of—Mr. Blake?"

"Yes, the reptile! He tried to murder me. Oh, the wretch!"

She began wringing her hands. "He made love to me—said he'd marry me, and then—then—to try to put me out of the way. Oh! Oh! Oh!"

Dick permitted her to sob undisturbed, her whole body shaking violently. When she grew calmer, he spoke with emphasis to impress her.

In Valhalla and Out

By George Ethelbert Walsh

"Marie, I saved your life. You know that. If I hadn't plunged in you'd be food for the fishes by this time. Now I'm going to ask a favor of you in return. Will you grant it?"

"Yes, sir, anything," she replied, weakly but honestly.

"Then I want to know why you betrayed your mistress and put yourself into the hands of Mr. Blake and Dr. Alster. Was it because you loved Blake?"

In spite of her shaking, she flushed slightly, and nodded her head.

"I thought so," he resumed. "In fact, I knew it. A woman in love will do the most extraordinary things."

He paused again, glancing seaward. When he turned once more to her, he was smiling frankly.

"You didn't want anything terrible to happen to Miss Cutler, did you?"



That wasn't part of the bargain with Blake, was it?"

"No, sir, he promised not to harm her," she answered meekly.

"Nor her uncle?"

"No, sir, he said he was a sick man, and needed the change down here. He wasn't going to harm him."

"Then what was his scheme?" asked Dick bluntly, taking her off her guard.

"I—I don't know exactly," she stammered. "He said something about making his fortune if he could keep Mr. Cutler down here for a few weeks. It was something about stocks, I don't know exactly."

Dick frowned in deep thought. The girl was only half informed of the plot, but her words set him to thinking hard. If Blake's scheme had anything to do with stocks, it means perhaps, he was using his employer's name and reputation for some gambling plot that might be far-reaching. He began to get a glimmer of the truth, somewhat vague and indefinite yet; but he felt he was on the right track.

"You knew Captain Brent was working with Blake?" he asked.

"Yes, he was a friend of his. He got him the job of captain of the yacht. Mr. Cutler had been sick, and didn't seem to care. He let him change captains."

"I see," murmured Dick. "How about Dr. Alster? Is he the old family physician?"

"No, sir, he's a new one. I don't like him. He's—he's not like Dr. Field, the one we had before."

"Did Blake engage him?"

"Yes, sir; he told Mr. Cutler he was a famous physician, and could cure him."

"H'm!" mused Dick. "I think I understand."

"He was quiet for a few moments. Then, noticing the girl's agitation, he took pity on her. 'I'll get you around to the beach, Marie. You need dry clothing.'"

"I'm cold," she murmured, shivering.

"Miss Cutler will help you. Go to her and tell her you fell into the water. Don't say anything to her about Mr. Blake."

Her eyes flared up dangerously at mention of the man's name, and her lips murmured inarticulately. Dick rose and smiled down at her.

"Do you still love Mr. Blake?" he asked.

"I hate him!" she cried. "I'd like to kill him!"

Dick understood the reaction, and was pleased with it.

"Don't attempt it yet, Marie," he said lightly. "If you'll promise to do as I ask you all will come out right. Tell him nothing. Let him think you crawled out of the sea without anybody's help. You won't mention my being here?"

"No, sir, not if you don't want me to."

"I don't! Now one other thing. Don't let Miss Cutler know you attempted to betray her."

"You'll tell her?" she asked in terror.

"No I'll not tell her. I'll keep it a secret as long as you stand by me. The moment you betray me I'll tell her everything and she'll have you imprisoned. She could send you to prison for a long time if she wanted. But she won't—not even if she finds out. I'll promise that."

"Thank you sir. I'll do as you ask."

"Then, come, I'll help you to the beach. Go up to the house and act as if nothing serious had happened. You might by the way redeem yourself by looking after your mistress a little more carefully. Dr. Alster and Mr. Blake are no friends of hers."

"I know it, sir, but I'll show them I am. I'll protect her from them. I'll scratch their eyes out and—"

"I believe you would Marie. Now come."

Dick helped her along the face of the cliff until they reached the beach. Marie was so terrified of the water that she clung to him desperately until her feet touched the sand and she knew she was safe. She drew a long sigh of relief then, and at Dick's bidding, hurried up to the house.

Returning to his hiding place under the cliff where he felt he was reasonably safe from discovery, Dick awaited the coming of darkness to put his plan in execution. He had gathered enough facts now to determine his course of action. It was to be drastic and full of danger; but it was the only thing under the circumstances to do.

The fear that Blake, under the sting of his rebuff, might attempt some violence upon Miss Cutler worried him. The man was like a reptile ready to strike in the dark if thwarted in his ambitions. As he had deliberately pushed Marie over the cliff to get rid of her, so he might use physical force to intimidate the other.

The thought of this made the passing of the hours slow and irritating. Dick became restless and impatient long before night approached. Yet there was nothing to do except to hold himself in leash until the critical moment had arrived.

Convinced that Blake and McGee would keep a watchful eye on the un-

derground wireless in the expectation that he would re-visit the cave either to destroy the instrument or to operate it, he made his way cautiously to the vicinity shortly after dark. Proceeding with the utmost care, watching and listening every few feet, he gained the summit of a nearby rock that commanded a good view of the entrance to the cave. Concealed there among the bushes, he began his long vigil. His ears more than his eyes had to guide him.

Fighting off sleep, he spent the entire night watching and waiting, without results. Light of a new day was beginning to break a little in the east when his ear caught the first sounds of stealthy footsteps.

Craning his head forward, he waited eagerly. In the half light of early morning, he saw a dark figure creeping cautiously in the direction of the cave. It halted frequently to look around and listen.

"McGee!" Dick murmured, smiling. "I thought he'd come."

The sailor was approaching the entrance in a wide detour, beating the brush, as it were, to make sure his enemy did not take him in the rear. When he finally reached the brink of the hole, he leaned over cautiously and peered down.

This was Dick's opportunity. Swiftly but noiselessly he crept upon him from the rear. Not anticipating any danger from behind, the man was leaning far over to explore the interior of the cave. The sailor was a formidable antagonist, and Dick had no intention of taking chances. He intended to give him a dose of his own medicine.

With a stout club picked up for the purpose, he dealt the kneeling seaman a blow on the head that knocked all senses out of him. With a grunt, he lurched forward and tumbled into the cave.

Dick was after him, descending rapidly, and stood over him with the club upraised before he had a chance to struggle to his feet. But further punishment was unnecessary. Either the first blow or the fall on the hard rocks had made him as helpless as a child. The man was still unconscious.

"That was quick work, McGee," Dick said exultantly. "Now for a gag and some rope."

He had brought both along with him, and within a short time, he had the sailor trussed up and gagged. Rolling him into a corner just as consciousness was returning to the sailor, he climbed back out of the hole, and resumed his vigil.

He had every reason to believe that Blake would put in an appearance before daylight. It was his habit to send wireless messages just before the break of day. With McGee as an advance guard to clear the way for him, there was little to fear, and when he did finally appear, he approached the cave with less caution than his confederate.

Dick had taken possession of an automatic that he found on the seaman, and with this in his hand, he trailed in the rear of Blake. His intention was to use it to force obedience to his orders, but the sight of the man, small and rather weak of stature, made this course repugnant to him.

"Turn around, Mr. Blake," he called calmly.

The man whirled on his toes as if electrified. When he saw the gun pointing at him, his hands started upward as if to surrender. Dick smiled at the craven fear on the white, pasty face.

"No, you needn't put your hands over your head," he added. "I don't believe you're armed, are you?"

He searched the man dexterously, and to his surprise found an automatic in his coat pocket.

"You did go around armed, didn't you?" he remarked. "Well, this won't be a battle of guns, but of hands. I'm

Activities of Al Acre—Al Says That Slim Doesn't Need to Diet, He Needs to be Searched

Frank R. Leet



going to give you a chance, Blake, an even chance."

He thrust both guns into his coat pocket, and then proceeded to remove that garment.

"I'm going to give you the thrashing you deserve, Blake," he went on, rolling up his shirt sleeves. "After that I'm going to bind you, and drop you in the cave. Are you ready?"

"Wait!" stammered the man, recovering from his surprise. "I don't want to fight you."

"You have no choice in the matter." "But you'll not strike a man who refuses to defend himself."

"If you strike a man often enough and in the right place, he's bound to defend himself. I'm going to try it. Even a worm will fight if cornered. Come on now!"

Dick closed in and began tapping him on the nose, chin, cheeks and forehead, delivering light but stinging blows. At first Blake received his punishment in stoic silence, refusing to respond.

A blow on the nose that brought the blood, however, infuriated him so that in anger he struck back when he thought Dick was careless and off his guard. After that the battle was not all one sided.

Stung to violent passion, the man fought blindly and desperately, striking out with both hands, kicking and biting when he had the opportunity. Dick played with him deliberately, giving and inviting blows. At any moment he could have ended the battle with a knock-out hit, but he much preferred the slower method of punishment.

Finally, beaten to his knees, with hardly strength to rise again, Blake held both hands over his head, and

begged for mercy.

"All right," responded Dick. "If you have had enough, I'm satisfied. Now, hold those hands out. I'm going to bind you."

A final spark of resistance flared up in the man, and he partly withdrew his hands, but Dick flung the loose end of a rope around them and tied it. With the same dexterity that he had shown in binding McGee, he trussed him up.

"Now you'll go below to join your friend. I expect McGee's lonesome down there."

"McGee! Is he down there?" stammered Blake.

"Yes, he's been listening to our little altercation."

Dick picked him up and carried him to the entrance. He was a lightweight, and without great difficulty, he got him down and placed him alongside his partner in crime. McGee shot him a venomous look and tried to grunt his anger.

"Don't exert yourself, McGee," Dick said. "You'll burst a blood vessel. That gag's made to stay in the mouth. You can't work it loose."

"Are you going to gag me?" whined Blake. "I'll keep quiet if you don't."

"For the present—no," replied Dick. "I may want to ask you some questions, and it would be a little inconvenient to remove the gag to get answers from you."

He left the two in the corner and walked over to the wireless, which he began examining carefully and critically. He was so absorbed in this that he nearly forgot his prisoners. Finally, with a smile, he looked up.

"I got it now," he said triumphantly. "I guess I'm wireless enough to operate it."

(Continued next week).

Rural Health

By Dr. C. H. Lerrigo

CURE CONSTIPATION.

DO cathartics cure constipation? Never! Even the mildest and blandest laxatives may get the bowel into constipated habits if used habitually. They ruin the morale of the bowel by taking its work away. They produce in the intestine a soft, or liquid mass, which moves along with little or no effort.

No greater medical authority on constipation ever existed than Doctor S. G. Gant. He delivers expert testimony as follows:

"In my opinion one of the most common sources of constipation in this country is the pernicious habit of resorting to the use of drugs to secure a daily stool. * * If we except England, there is no other country in which chronic costiveness is so prevalent as it is here; and it is equally true that in no other land do people so frequently resort to the indiscriminate and senseless use of medicine in order to move the bowels. * * It is a lamentable fact that not a few parents have the insane idea that, if they do not administer a cathartic frequently to their children, dire results will follow; and in their anxiety they eventually bring about, or aggravate the very condition which they wish to avoid, namely constipation."

This does not alter the fact that it should be the rule to have an evacuation of the bowels daily, and the exception to miss it. The great point is, that pills only make matters worse.

Briefly, my rules to overcome constipation are:

1. Eat sufficient "roughage" in the way of fresh fruit and green vegetables to stir the bowel to action.
2. Drink fresh water in good supply (six to eight glasses daily).
3. Observe faithfully a regular time each day for action of bowels.

These are the Big Three, but there are many other things to tell about constipation. I am preparing a special letter that will be helpful. I will send a copy to all inquirers who send a self-addressed stamped envelope.

BOY HAS KIDNEY TROUBLE.

I have a large boy that has always been bothered with kidney and bladder

trouble, and still wets the bed several times each night. What would you advise? Have been told he would outgrow it, but he does not. It is very mortifying for him. Is there any help?—Sincere Reader.

If you will give name and address, or send a stamped envelope, I shall be glad to send you my special letter about bed-wetting.

NAILS ARE ROUGH.

My nails are rough and thick, and part of my nails are loose from the top, half way back. They are very painful after doing a big washing, and at times the skin becomes very dry and white, and can be scaled off around the nails. Have tried liniments, salves, also poulticing, but get no benefit. Please tell me what to do for it, as I must work with my hands doing housework, baking bread and the like, for a large family. Am in good health.—L. F. S.

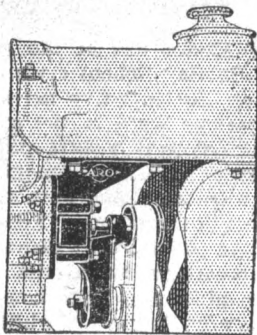
The trouble seems to be Onychia, probably of the simple form, since you are otherwise well. Use peroxide of hydrogen to get rid of the pus, then dress the nails with powdered boric acid, pushing the powder in around the nails where possible. At night apply a compress of boric acid and water. Where this condition is due to eczema of the nails, much relief is obtained by wrapping the ends of the fingers in an ointment of salicylic acid, half dram to the ounce.

NEEDS TO REDUCE.

I have broken veins in one of my legs. Think it is caused from being on my feet, and my excess weight. Have gained about fifty pounds in the last year. Please tell me how to reduce my weight.—Too Fat.

Possibly you are already taking plenty of exercise. The other requirement is to reduce the amount of your food. Cut out the fattening foods, such as cream, butter, potatoes, and other starchy vegetables, fat meat and sweets. Eat green vegetables instead. You may eat a small portion of whole wheat bread and lean beef, mutton, fish and poultry. Tomatoes, lettuce, onions and cabbage are not fattening, and help to fill up. The main thing is to be sure to cut down the calories of food. Sometimes an absolute milk diet for a period of three or four weeks works wonders.

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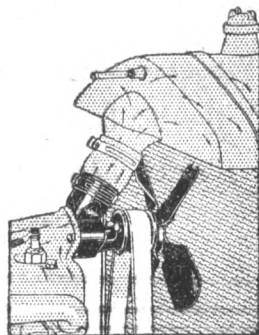
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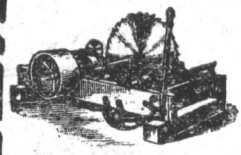


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Barron White Leghorns
from wonderful egg bred
foundation stock; Tanored
Leghorns; Sheppard's
Famous Anconas from remarkable
egg record foundation stock; Park's
Bred to Lay Barred Rocks. Hun-
dreds of letters testify to our cus-
tomers' success. Reports show customers raising
up to 95% of their chicks; pullets laying at 4 to 5
months of age; 75% flock production by pullets (raised
from Silver Ward Chicks) in Sept. as compared with
80% production expected of good standard layers;
prizes won in hot competition at shows. Every chick
carries the breeding and ancestry necessary for suc-
cess. Free booklet gives facts about breeding and
results obtained with our chicks. Write for it now.
Silver Ward Hatchery, Box 43, Zeeland, Mich.

BLOOD TESTED PURE BRED BABY CHICKS

PRICE LIST FOR 1926.

	per	50	100	500	1000
B. P. Rocks (selected)		8.00	15	72.00	140
R. I. Reds		8.00	15	72.00	140
S. C. White Leghorns		7.00	13	62.50	122

"Chicks with a future."

RICHARDSON HATCHERY
DUNDEE, MICH.

SEND NO MONEY FOR SILVER CHICKS

We ship C. O. D. and guarantee 100% live delivery
of sturdy, pure-bred chicks. Wh. Br. & Buff Leg-
horns, 13c; Bd. Rocks, Wh. Rocks, S. C. Reds, An-
conas, 14c; Buff Rocks, Buff Orps., Wh. Wyand., 16c;
Black Minor., 16c; Mixed, 10c. Less than 100 chicks,
1c each more. **SILVER LAKE HATCHERY, Box
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FERRIS WHITE LEGHORN CHICKS

From trusted, pedigree blood lines. Egg
contest winners for years. Shipped C. O. D. **COCKERELS**
Guaranteed to Live. Prompt Shipment. Low Prices. **PULLETS**
Write for Special Sale Bulletin and Free Catalog. **HENS**
GEO. B. FERRIS, 934 Union, GRAND RAPIDS, MICH. EGGS.

SO-BOSS SAVES MILK!

So-Boss Cow Hobbler & Tail Holder,
prevents cows kicking or switching tail.
75c—hardware stores or sent prepaid.
SIMONSEN IRON WKS., Sioux Rapids, Ia

5¢

RUB-NO-MORE
WASHING POWDER

For Scrubbing Cellars
KILLS THE MOULD



Woman's Interests

Plan An Easter Party

With Games and Luncheon Appropriate For the Occasion

LAST Easter one of the girls in our Sunday School class arranged an Easter party for us. All the decorations were in the appropriate Easter colors of yellow and white. Peasant-eyed narcissus, jonquils, and daffodils were used, and were cut from the hostess' own plants. Yellow and white crepe paper bands made up the other decorations, while the hostess and three girls who helped serve the luncheon, were dressed in white frocks trimmed with yellow.

As soon as the guests arrived, a basket containing tiny paper mache rabbits was passed, and each guest invited to take one. On each rabbit had been written the half of a word pertaining to Easter, like salvation, cross, egg, and lily. The other half of the word was written on another rabbit. The guests were instructed to find the person having the rabbit on which the other part of their word was written. When all the words were matched the guests were told that each set of partners would have to make up some original and clever game for the others to play. Many ingenious and laughable games followed. To the couple whose game was judged the best, a basket of colored eggs was given, and a tiny rubber chicken that would blow up, was awarded as the "consolation."

The guests were then given slips of paper and pencils and asked to write the best sentence they could, using words beginning with the letters in "Easter." The finished sentences were read aloud, and the guests voted who were to be awarded the prizes. The winner was given a chocolate candy rabbit, and the "booby" prize was a tiny celluloid chicken.

Next the hostess appeared with a basket of colored eggs, passing one to each guest. When all the guests had an egg, they were invited to see who could roll it into a nest, which was constructed of a box standing on end on the other side of the room. Only a small hole had been cut in the side of the box, and very few eggs rolled inside, but to all the guests whose eggs went into the nest, and Easter lily was given. A small cotton chicken was given to the person whose egg was found farthest from the box.

Later the girls were asked to take

a colored egg from a basket standing on a small table. These eggs were all shades and colors, and caused much comment. Then the hostess brought in a large chicken with various colored feathers. The boys were invited to pick the chicken, but each was told to take but one feather, unless he desired more than one supper partner. When the chicken was picked, the hostess informed the boys to go in search of the girl having the

shears has just been added to my kitchen equipment. I use them to open fish, to remove fins, tails, and heads from fish, to open and dismember rabbits, pigeons, and poultry, to trim steaks and chops, to shred chives, lettuce, parsley, peppers, etc. They are the handiest things I've used for the above purposes. I keep them sharp and clean, and on a special hook, and never use them for other purposes.

Sunday.—Silverware that is used but seldom may be kept bright by packing it in dry flour.

Monday.—Strong ammonia water will remove iodine stains in white fabrics.

Tuesday.—If the table cloth becomes worn at the corners where it drops over the corners of table, cut two or three inches off of one end and re-hem. This will "shift" every fold and the cloth will last much longer, and will look neater than if patched or darned. Stair carpets may be treated the same way when the edge of each thread begins to show wear.

Wednesday.—When buying cheese, consider its strength. If your family likes a milk cheese for table use, and is fond of cheese dishes, purchase strong, old, dry cheese for cooking. Less will be required for seasoning, and you are not paying for moisture. Buy cheese to your liking for table use.

Thursday.—Keep a large slate and pencil (pencil suspended at the end of a string) hanging on the kitchen wall. Jot down a list of needed supplies, odd jobs to be done during the week or day, telephone calls made or to be made, etc. This old slate will prove a perfect blessing in disguise to every member of the family.

Friday.—Lath, plaster, cement, glass, boards and hardware will make a house, but it takes clouds, sunshine, laughter, tears, happiness, and sorrow to make of that house a home.

FAVORITE EASTER EATS.

King's Eggs.

6 hard boiled eggs, sliced	2 tb. sliced sweet pepper
3 tb. olive oil	2 tsp. grated onion
2 tb. lemon juice	1 cup cream
1/2 cup drained peas	1 egg yolk beaten
2 tb. butter	Salt, paprika

Mix oil, seasoning, and lemon juice, pour over sliced eggs and let stand an hour. Melt butter in sauce pan and add pepper, onion, peas, and cream, and cook slowly for ten minutes. Drain eggs, set over hot water and heat. Add beaten yolk to dressing drained from eggs and stir into the mixture in the sauce pan and cook until the egg is set. Pour over hot egg slices and serve.

Eggs in Green Shell.

6 eggs	1 cup hot brown sauce
3 green peppers	1 tsp. salt
3 tb. cream	

Cut the peppers in half, remove the seeds and parboil. Place in baking dish, open side up. Heat cream in sauce pan and add three beaten eggs, and scramble. Fill pepper cups with the scrambled egg, beat the three remaining eggs and pour over the pepper cups. Bake in moderate oven until eggs are set. Put on hot serving dish, top down, and pour brown sauce over all.

Easter Cup Cakes.

2 eggs	2 tsp. baking powder
1/2 cup cream	1/2 tsp. salt
1 cup sugar	Flavoring
1 1/2 cups flour	

Break eggs in measuring cup, fill with sweet cream. Sift dry ingredients in a mixing bowl, add egg mixture, and beat two minutes. Add flavoring and bake in muffin pans. Frost with yellow icing.

What Can We Do?

THE question of "What can we do" comes up at nearly every gathering or party. Leaders of groups, and folks who entertain, are always searching for new games, stunts, and ways of entertaining. If there happens to be a guest from several miles away, invariably he is asked to tell how to play the latest game from his community.

Perhaps you know some new games and stunts, or even some old ones that will be new to other communities. Write a letter telling all about them, and get in on this exchange of entertaining ideas. For the five best letters we will give handy needle cases containing a full assortment of needles to answer every purpose.

Address your letters, not later than April 12, to Martha Cole, Michigan Farmer, Detroit, Mich.

same colored egg as the feather he had.

A buffet luncheon was served. The favors were tiny cotton rabbits, nibbling at a make-believe carrot. Potato salad decorated with the yolks of hard boiled eggs, sandwiches with a cheese filling, pickled eggs, fruit salad in orange cups, and cocoa were served, together with brick ice cream and yellow and white Easter cup cakes.

A HINT FOR EVERY DAY.

Saturday.—A pair of new steel

The Whereabouts of Happiness

AMONG the women of this country of ours there has been an awakening as to how happiness may be attained. Heretofore, the belief has been accepted among those who work for their living and luxuries, that hard work is a part of their every-day lot. But the first reports of a nation-wide survey of the home life of our country, made by the General Federation of Women's Clubs brings to light some interesting statistics relative to this subject.

Reports from 446,000 homes, involving 2,200,000 people, would indicate that electricity has played a greater part in lighting and brightening these homes than any other convenience. While water was brought into three-fourths of the homes reporting, electric lights were found in eighty-seven per cent of these homes. Before indoor toilets were installed, or stationary wash tubs were put into the homes reporting, automobiles were purchased and telephones connected. While only sixty-five per cent of the homes had inside flush toilets, and only sixty per cent had stationary wash tubs, and only fifty-nine per cent had bath tubs, seventy per cent had automobiles and sixty-eight per cent had telephones.

In summing up these percentages, the question comes up as to why do automobiles take precedence over stationary tubs, and why do people have telephones before they have inside toilets? To the executive in charge of this survey, the answer lies in the fact that for generations the housewife has sought to find her happiness in escape from the monotony of housework rather than the drudgery of her lot. Out of this survey, the Federation hopes to wage a campaign to lead home-makers to see that escape from monotony is not enough, that they can lead the happier lives by escaping from the toil that is unnecessary in this day of inexpensive home conveniences.



HOUSEHOLD SERVICE

Use this department to help solve your household problems. Address your letters to Martha Cole, Michigan Farmer, Detroit, Michigan.

HOME-MADE GINGER SNAPS.

I would like a recipe for making ginger snaps at home.—Mrs. G. G.

1 lb. ginger 1 tsp. soda
1 cup sugar 2 eggs
1 cup molasses 1 1/2 tsp. soda
1 cup shortening Flour to make a soft
1/2 cup sour milk dough

To make ginger snaps use:

Mix sugar, shortening, and molasses, and heat until the fat is melted. When cool, add the beaten eggs, one cup of flour, in which has been sifted the soda and ginger, and the sour milk. Add flour to make a soft dough, the amount will depend on the shortening and milk used. Roll very thin, and bake in a moderate oven.

to the harshest for them to bear. The light requirement is important, and in your case you have provided the proper light by giving the plants a south window. However, in addition to the light, moisture and ventilation also play an important part. Plants should be sprinkled daily so that the leaves do not become coated with dust and thus reduce their functions. A shallow pan of water placed in the room will help raise the humidity. Whenever possible allow fresh air in the room without, however, allowing any draughts.

If these recommendations are followed, and the plants watered only when the soil appears dry on the surface of the pot, you will find that your plants will thrive better.

MORE MINCEMEAT.

Mrs. C. L.'s request for uncooked mincemeat brought many good recipes for this, favored pie filler. This one you will find to be quite a bit different than the one printed last week.

2 lbs. lean meat, cooked 1 1/2 tsp. cloves (ground)
and chopped fine 5 tsp. cinnamon
4 lbs. apples 1/2 tsp. salt
3/4 lb. suet 1 pt. molasses
1 1/2 lbs. raisins 1 pt. cider and vinegar
1 lb. currants mixed, or boiled cider
3 lbs. brown sugar 2 lemons

Use both the juice and grated rind of the lemons and mix all together, and keep in an open crock in a cool place.—Mrs. M. J. L.



Adventures of Tilly and Billy

When Penoochia Ran Away

THERE was a little tug at Billy's heart as he came up the path from school and Penoochia did not come to meet him. Penoochia always did come to meet Billy at the end of the path by the road, but this afternoon no Penoochia was in sight.

"She was playing in the front yard only a little while ago," said Billy's mother, when he inquired of her. "But do go and find her, and hurry."

"I saw her running down the hill toward the woods," said Cock Adoo, the proud ruler of barnyard hendom, to Billy as he passed that way.

The sun was making long, thin pictures on the grass when Billy reached the woods. Not knowing which way to go first, Billy hesitated.

"Hello!" said a voice near him, and

"No, but perhaps the Wise Old Owl, who knows something about everything, can tell us," said Scamper.

So off hurried Skipper, Scamper, and Billy to find the Wise Old Owl. When they found him, he was sitting on the tipmost end of a branch of the elm tree.

"Have you seen Penoochia?" they asked.

"Who, who, who?" asked the Owl.

"Penoochia, Penoochia, Penoochia," they answered.

"No, but ask the big Bull Frog in the pond."

When they came to the pond, the big Bull Frog was just pushing his nose up through the soft mud at the edge of the water.

"Have you seen Penoochia?" asked Skipper, Scamper, and Billy.

"Gruth-oo-uu-nn-dd, gruth-oo-uu-nn-dd, gruth-oo-uu-nn-dd," said the big Bull Frog.

"Where?" asked Billy.

"Gruth-oo-uu-nn-dd, gruth-oo-uu-nn-dd," only repeated the big Bull Frog again and again.

"He means to go around on the other side of the pond," interpreted Skipper.

So they went around to the other side of the pond, and there, huddled on a bed of soft moss under a little bush, was Penoochia.

And who do you thing Penoochia was? She was none other than a little white kitten that Aunt Lucy had given Billy, only the week before.

Billy thanked Skipper, Scamper, the Wise Old Owl, and the Big Bull Frog for being so kind to help him. Then, with Penoochia tucked under his arm, he hurried home. Penoochia was so glad to get the saucer of milk that was waiting for her supper, that she promised herself never to run away to the woods again.



"Have You Seen Penoochia?"

a big gray squirrel poked his head from behind a nearby stump.

"Who are you?" asked Billy.

"My friends call me Skipper."

"Then, Skipper, have you seen Penoochia?" asked Billy.

"No, but perhaps I can help you," said Skipper.

Then Skipper wrapped three times on an old stump with a stone, and Scamper, who was none other than a big black rabbit, came running.

"Have you seen Penoochia?"

Wingarden Strain

Tancred Hollywood Barron White Leghorn
BABY CHICKS
MICHIGAN STATE ACCREDITED.

Five of our hens laid 270 eggs at the 1925 Michigan International Egg Laying Contest. Ten birds 1924 contest averaged 232 eggs. We also hatch Brown Leghorns, and Anconas. Discount NOW on early orders. FREE Catalog gives full particulars and tells why leading egg farmers choose Wingarden Strain Chicks. Send for copy at once.

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



Diligent Chicks Did It & Will Do It For You

High in quality, low in price. Never before did I get so many eggs in winter time, writes one customer. Our stock culled by the very best experts. Do not pay fancy prices for chicks that are not better. Ten years of honest dealing behind us. Pullets after May first.

	500	100	50	25
S. C. White Leghorns.....	\$57.50	\$12.00	\$6.25	\$3.25
Barred Plymouth Rocks.....	72.50	15.00	7.75	4.00
S. C. Rhode Island Reds.....	72.50	15.00	7.75	4.00
S. C. Mottled Anconas.....	62.50	13.00	6.75	3.50
Mixed Chicks.....	42.50	9.00	4.75	2.50

DILIGENT HATCHERY & POULTRY FARM, Harm J. Knoll, R. No. 11, HOLLAND, MICHIGAN.

ONE MILLION "GOOD LUCK" QUALITY CHICKS

LEADING BREEDS - LOWEST PRICES!
BIG BEAUTIFUL COLORED ART BOOK FREE. Thousands of pleased customers again testify this year to the Quality of our Inspected "GOOD LUCK" Chicks. Don't fail to get our ART BOOK, showing our birds in their natural colors. All leading varieties. 100% Live Delivery Guaranteed. Postpaid prices on 25 50 100 500 1000
Wh. Buff and S. C. and R. C. Br. Leghorns, - Anconas \$4.00 \$7.00 \$13 \$60 \$118
Bar. and Wh. Rocks, S. C. and R. C. Reds, Blk. Minorcas 4.50 8.00 15 72 134
Wh. Wyandottes, Buff and Wh. Orpingtons, Buff Rocks... 4.75 8.50 16 77 144
Mixed Chicks, \$10 per 100 straight. Heavy Mixed, \$13 per 100 straight. Also QUALITY and SPECIAL QUALITY "GOOD LUCK" CHICKS. Bank Reference. Member I.B.C.A.

Order your ART BOOK today. It will be a treat for you. NEUHAUSER HATCHERIES, Dept. 62, Napoleon, Ohio.



STATE ACCREDITED CHICKS

WHITE LEGHORNS—2 grades. Best grade chicks from males from hens with known trapnest records of 245, 208, 200, 195, 200, 230, 194, 199, 195, 193, 205, 220, 201, 202, 214, 221, 211. Males' sire in from 307 egg dam with five generations of over 250 eggs. 75% Tancred and 25% Hollywood strains. All males and females—both grades—accredited by Michigan State College. We won 1st, 3rd, and 4th hens and Best Display in Utility class at Muskegon in 1925. Order Now. Information cheerfully furnished. Write for Circular with Prices.

PROGRESSIVE POULTRY FARMS

P. VER HAGE, MANAGER

ZEELAND, MICHIGAN

ACCREDITED CHICKS

from OFFICIALLY ENDORSED HIGH PRODUCING STOCK.
Better bred, cost no more than ordinary chicks. Order from ad. Catalog Free. 100% alive, postpaid. Ask about our Special Matings.
S. C. White Leghorns..... \$3.50 \$6.75 \$13.00
Sheppard Strain Anconas..... 3.75 7.25 14.00
S. C. R. I. Reds, Barred Rocks..... 4.00 7.75 15.00
White Wyandottes..... 4.50 8.50 16.00
Mixed Chicks (Light)..... 3.00 6.50 10.00
Mixed Chicks (Heavy)..... 3.25 6.25 12.00
CARL POULTRY FARMS, Dept. A, MONTGOMERY, MICH.

LOOK!

Our big husky chicks are money makers. Every breeder carefully selected. tested, culled by experts. Can ship at once. Order direct from this advertisement. Save time.

White, Brown, Buff Leghorns, Heavy, Mixed.....	50	100	500
Barred Rocks, Black Minorcas, R. I. Reds, Both Combs.....	\$6.50	\$12.50	\$60.00
White, Buff Rocks and Wyandottes, Buff Orpingtons.....	7.75	15.00	72.50
White Orpingtons, Silver Wyandottes, White, Black Langshans.....	8.50	16.00	77.50
Light Weight Mixed, \$5.50 per 50; \$10 per 100. Light Brahmas, \$12 per 50; \$22 per 100. Sheppard's Anconas, \$7.50 per 50; \$14 per 100. May chicks, \$1.00 per 100 less. June chicks, \$2.00 per 100 less. Send 25¢ with order. 100% live delivery guaranteed.			

Postage prepaid. Bank reference. Grand Rapids National Bank. Hatching Eggs. Free catalog.

LAWRENCE HATCHERY, R. 7, PHONE 76761, GRAND RAPIDS, MICH.

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S. C. White, Brown, Buff & Black Leghorns, Anconas..... \$7.00 \$13 \$62 \$120
Extra Quality Barron White Leghorns..... 7.50 14 67 130
Barred & White Rocks, S. & R. C. Reds, Black Minorcas..... 8.00 15 72 140
White Wyandottes, Buff Orpingtons..... 8.50 16 77 150
S. C. White Minorcas, 50, \$10.75; 100, \$20; 500, \$80. Light Mixed, 50, \$5; 100, \$9; 500, \$44. PARK'S Pedigree Rocks, 25¢ each. BUY 20TH CENTURY CHICKS AND BE HAPPY. Special Combination offers on Brooders and Brooder Houses. Order direct from this ad. Catalog Free. Ref., Commercial Bank.

20TH CENTURY HATCHERY, Box K, New Washington, Ohio

Town Line POULTRY FARM

Michigan State Accredited Chicks 10c and Up
Tancred, Barron and Hollywood Strains of S. C. White Leghorns from 260-290-egg foundation stock. Anconas, Sheppard's Strain direct. Extra selected Dark Brown Leghorn and Barred Rocks. All flocks milk fed. Every brooder passed by inspectors under supervision of Michigan State College. All chicks Newtown hatched. When you order Town Line chicks you get the advantage of a "Personal Service" few hatcheries can duplicate. Our Free Catalog Describes our egg contest records and show winnings. Write for it today. J. H. GEERLINGS, Owner, R. F. D. 1, Box M, ZEELAND, MICH.

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CHICKS FROM CONTEST WINNING BLOOD LINES
Our White Leghorns won the 1925 Michigan Egg Contest. 1000 birds entered. Contest average 176 eggs per bird. Our pen averaged 241 per bird. Fifty sisters of these contest winners averaged 200 eggs per bird at home. Brothers and sons of these birds head the matings from which I will hatch this year. They are Michigan State Accredited. In spite of increased demands for our chicks we have neither increased our capacity nor winning blood lines at moderate prices. "75% of our business is from old customers." You, too, can join the list of satisfied users of this Royal strain.
ROYAL HATCHERY & FARMS, S. P. Wiersma, Prop., R. 2, Box M, Zeeland, Mich.

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BETTER CHICKS AT NO EXTRA COST. We know you want Quality First. 100% Live Delivery Guaranteed. Postpaid prices on 25 50 100 300 500 1000
English & Hollywood S. C. White Leghorns..... \$7.25 \$14 \$41 \$67 \$130
S. C. Brown Leghorns, Anconas..... 7.25 13 38 62 120
Barred White & Buff Rocks, S. C. & R. C. Reds..... 8.50 16 47 77 150
Silver Laced and White Wyandottes..... 9.00 17 50 83 100
Columbian Rocks, Jersey Giants..... 10.50 20 57
Heavy Mixed, \$12 per 100 straight. Light Mixed, \$10 per 100 straight. Ref.—Knox County Savings Bank Free Catalog. KNOX HATCHERY, Dept. 25 Mt. Vernon, Ohio.

BUY EGG-BRED ACCREDITED CHICKS

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Producer of Egg Contest and Chicago Winners in EGG-BASKET BUFF and PROFIT-PAYER WHITE LEGHORNS. Pure Tancred, Tom Barron, Ferris Strains. Chicks and eggs sired by blood of Heasley's Pride, official record 293 eggs. Contest Pen of 11 averaged 240 eggs. Old customers getting this blood and getting results. Rush orders for present discount.
DR. L. E. HEASLEY, Dept. F, GRAND RAPIDS, MICHIGAN.

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An Accredited Chick
Is A Better Chick

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



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Pure Bred **BABY CHICKS** Michigan Accredited



We have not only selected our breeding stock and mated our birds for best results, but we have joined the Michigan Accredited Association. An inspector from the Agricultural College approves every bird. This work is for your protection and gives you the most up-to-date in baby chicks. Write for literature and price list. Our chicks cost no more and you can feel safe. 100% live delivery. Write today.

Get Our Illustrated Literature

We have prepared a big, illustrated circular which tells all about our chicks. It is worth your while to get it if you expect to buy chicks this year.

PRICES: Our prices are reasonable. Our chicks are good. Write today.

WASHTENAW HATCHERY,

2501 Geddes Road,

ANN ARBOR, MICH.



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S.C. White and Brown Leghorns, Anconas, Black Minorcas, and Barred Rocks. Order quick for early deliveries. 1926 Catalog Now Ready. Write for FREE Copy.

WE GUARANTEE 100% SAFE ARRIVAL IN GOOD HEALTH
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Buy Michigan State Accredited chicks from Lakeview. Breeders for years, of high-quality strains. At Egg Laying Contests they have made good. Every breeder has been inspected and passed by representatives of the Michigan State College. We guarantee 100% live delivery prepaid. Order from this ad.

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White Leghorns (Tancres) \$3.75 \$7.00 \$13 \$22 Write
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S. C. & R. C. Rhode Island Reds 4.25 8.00 15 72 Special
Special Matings Higher. Mixed Chicks \$10 per 100. All heavies \$12. Free Prices.
catalog tells all about Lakeview Chicks. LAKEVIEW POULTRY FARM, R. R. 8, Box 6, HOLLAND, MICH.



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Downs Strain White Leghorns have been bred for egg production for nineteen years. They are great winter layers. Many of Michigan's largest egg farms purchase their chicks from us each year. One reports 64% production in November from 775 pullets. Our flocks, hatchery and chicks are all accredited by Mich. State Poultry Improvement Assn., and Mich. State College. Write for our free catalog today. Prices reasonable.

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UNUSUAL WHITE LEGHORNS

HUNDERMAN CHICKS

Chicks that are hatched from free range breeders carefully selected. Our flocks and hatchery inspected and passed by representative of Michigan State College. Refer you to State Commercial Savings Bank. Order from this ad.

Prepaid prices on:	25	50	100	500	1000
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Barred Rocks & S. C. R. I. Reds	4.75	8.00	15	72.50	140

Mixed Chicks—\$10 per hundred. Free catalog. 100% Live Delivery prepaid. 10% down books your order. Our Chicks are Michigan State Accredited.

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State Accredited. Blood tested for White Diarrhea for the past two years. Three Leading Breeds, B.P. Rocks, R.I. Reds and English White Leghorns. Write for catalogue and price list. 100% live delivery guaranteed.

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Michigan accredited chicks from flocks which have stood careful inspection. Our White Leghorn Cock Bird won 1st at Eastern Michigan Poultry Show, 1926, in both production and exhibition classes. We won 1st in pullet class. Catalog free. Prices (post paid) on:

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S. C. White Leghorns.....	\$4.00	\$7.50	\$14.00	\$27.50	\$130
Bar. Rocks, R. I. Reds, Anconas & Bl. Minorcas.....	4.25	8.00	15.00	72.50	140
White Rocks, White & S. L. Wyandottes.....	4.50	8.50	16.00	77.50	150

Assorted Chicks, \$12.00 per 100.
DEAN EGG FARM & HATCHERY, BOX C, BIRMINGHAM, MICH.

WHITE LEGHORNS

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BLOOD TESTED
Parent stock, all State Accredited and Blood Tested. All males are banded with a State seal. Every chick is examined separately before being shipped. 100% live delivery guaranteed. Two leading breeds, BARRED PLYMOUTH ROCKS & S. C. WHITE LEGHORNS. Write for our catalogue and prices.

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White Leghorns—Anconas. Chicks hatched from free range. Mich. State Accredited flocks. Send for our catalog and prices on chicks and eggs. We guarantee 100% Live Delivery and insure chicks for one week. Satisfaction guaranteed. Write today.

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ROUTE 4, BOX 1, ZEELAND, MICH.

POULTRY

REMEDY FOR TAPEWORMS IN POULTRY.

KAMALA, a brownish powder obtained from a plant in India, and long used there as a drug, has been found satisfactory for removing tapeworms from poultry. This announcement is made by the United States Department of Agriculture, as a result of experiments carried on by Dr. Maurice C. Hall and Dr. J. E. Shillinger, of the Zoological Division, Bureau of Animal Industry.

Tapeworms cause serious disturbances in chickens, turkeys and other poultry, the injuries ranging from unthriftiness, to conditions simulating paralysis, due to deficient diet, sometimes resulting in death. Up to the present time no satisfactory treatment has been known. The demand for a remedy has been insistent, and was considered the more urgent in that the life histories of so many tapeworms are unknown, that satisfactory preventive measures can not be recommended as yet. Moreover, so far as life histories are known, they involve such intermediate hosts as flies, earthworms, slugs, and similar animals which are themselves difficult to control under farm conditions. The need for such a drug as kamala is therefore apparent.

The drug was tried out on 120 chickens and six turkeys, counts being made daily of the tapeworms removed, the birds finally being killed to determine whether any of the parasites were left. The result indicated that a dose of one gram to a chicken removed all the worms in approximately nineteen cases out of twenty, a much better result than has been secured with any other drug. The dose for turkeys seems to be two grams.

The investigators say the best method of administration appears to be individual dosing with pills, but that the use of capsules is also satisfactory. Flock dosing by the administration of the drug in feed is much less satisfactory. The dosing of individual birds is easily accomplished and fasting and purgatives do not appear to be important. At the present time it may not be possible to obtain kamala at all drug stores, but it is thought that within a short time manufacturers will have it on the market in convenient form. An estimate of the cost of the kamala itself for treatment of chickens, is less than one cent per bird.

LACK OF SUNSHINE.

My hens seem to be in good condition one day, then the next morning perhaps one will be drooping around, generally one wing dragging, and then shortly they lose the use of their legs. Sometimes they eat for some time, but they never get perfectly well again.—D. U. L.

Leg weakness seems a little more prevalent than usual this year, and possibly may be due to the great lack of sunshine during the past two months. The use of crude cod liver oil in the mash helps to remedy that condition. Isolate the birds with weak legs so they will not be trampled at feeding time. The condition may improve in a few days. If worms are found in the intestines, try using two per cent of tobacco dust in the dry mash.

WHEAT FOR HENS.

Do you consider wheat a satisfactory feed for hens for egg production? We have our own wheat, but will have to buy other feed if used. The hens have access to bran, oyster shells, ashes, etc.—R. N. A.

Wheat is one of the best grains for poultry feed, but is even better when fed in combination with other grains. One of the best methods is to feed

two parts of wheat to one of cracked corn in the summer. Use two parts of cracked corn to one of wheat in the winter. In the spring and fall use equal parts of cracked corn and wheat.

At the present price of wheat it is much more economical to feed other grains with the wheat, and the mixture will be better for the health of the flock. A good laying mash can be made of equal parts by weight of ground corn, ground oats, middlings, bran and meat scrap. Three pounds of fine table salt can be added to each 500 pounds of the mash mixture.

FEEDING BROODER CHICKS.

(Continued from page 429).

ily assimilated. Wheat bran alone may be kept in small hoppers, and will furnish nearly a balanced ration for the first two weeks.

The young chicks' digestive system is not well adapted to the assimilation of wet mashes, even after it is possible to feed them. Moreover, they make it impossible to keep the floor of the brooder clean, sanitary, and to prepare and feed them involves a great deal of labor, so that their use during the early growing period should be discouraged, except in the case of broiler raising.

The practice should be to feed only what the chicks will eat up quickly, so that at the next feeding they are anxious and ready for feed. This prevents the loss of feed by it becoming dirty, in which case they will not eat it, and also gives them an appetite and a chance to exercise. It is just as necessary to feed extremely early and rather late, as it is to feed little and often. The time between the feeding at night and the first feeding in the morning, is at best, rather long, and it can be materially shortened by feeding early and late. Health is the one great essential, and in order to promote this the feed must be clean.—E. A. Williams.

TO PROTECT POULTRY IMPROVEMENT WORK.

A MEETING was held March 10 at Chicago, by those in charge of official accreditation and certification work in the states of Michigan, Wisconsin, Iowa, Missouri, Illinois, and Ohio, to formulate means of protecting the baby chick buying public from those who spuriously use the terms "accredited" and "certified."

The accrediting work carried on in the states above mentioned, is in accordance with the plan presented by Dr. M. A. Jull, Senior Poultry Husbandman of the United States Department of Agriculture at Manhattan, Kansas, last summer. Therefore, at the Chicago meeting resolutions were passed asking the U. S. Department of Agriculture to recognize and give protection to the work as carried on in these states.

A resolution was also passed asking the poultry and farm journals to assist by refusing the advertisements of those who used, in a false and misleading way, the terms "accredited" or "certified."

A permanent committee to further cooperation between states in this accrediting work was decided upon, and J. A. Hannah, of Michigan, was appointed chairman. Mr. Hannah was responsible for calling of the Chicago meeting.

The reason for this action is that several hatcheries, which have not fulfilled the requirements for official accreditation and certification work, have formed a national organization as a means for using the terms in a misleading way.

Review of Lessons

Our Weekly Sermon—By N. A. McCune

TO study the gospel of John is to come close to one of the greatest books ever written. It is surprising what attention this book draws, all the time. Every year brings out fresh studies of it. It is the mystery book of the New Testament. And yet it is in the simplest language. That is the reason it is so deceiving. It sounds very simple. Yet, dive beneath the surface, and before you is depth on depth. Deep calling unto deep.

To begin with, the Son of God becomes man. John puts it with unapproachable pathos. "He came unto His own, and His own received Him not." Did I ever tell, in these columns, what has been called the saddest story of the Civil War? If so, it is worth re-telling. When the war was over, there was much disorder in the south. Many of the returning soldiers were drunk with their freedom, and acts of lawlessness were committed. In some



communities the people armed themselves. This was the case with one stern old southern gentleman. No one should enter his house without facing a rifle.

His son returned from the Confederate army. He had been made deaf by a shell. He arrived at the front gate in the evening. The old man had been eagerly waiting for him, watching the road for days. He opened the gate and walked toward the house. The old gentleman could not see who it was, and told the visitor to stop. But the son, with his impaired hearing, did not hear him. There was a rifle shot, and the boy fell dead on the doorstep. He came unto his own, and his own received him not.

THE Jews had been waiting for a messiah for centuries. Isaiah had said he would come, as had others. The hour was coming when the wolf should dwell with the lamb, the leopard lie down with the kid; and the calf and the young lion and the fatling together, and a little child should lead them. And at last He came. But they received Him not.

"They were all looking for a king, To slay their foes and lift them high; He came, a little baby thing, That made a woman cry."

"Would He be received better now? Says Professor A. W. Taylor: "If Jesus were to come again, we would not crucify Him—our age is too Christian for that, but we would not accept Him in our organized life. He could not be president or senator or bishop or church secretary. In our hyper-nationalism, our class-conscious selfishness, our racial feelings of superiority we still have much of the thing against which he protested. We would not crucify Him, but we would not fellowship Him." In the late war there was an English chaplain, Reverend G. Studert Kennedy, whom the soldiers greatly loved. They called him Woodbine Willie. He is a poet, and some of his lines sink deep.

When Jesus came to Golgotha they hanged Him on a tree, They drove great nails through hands and feet, and made a Calvary. They crowned Him with a crown of thorns, red were his wounds and deep.

For those were crude and cruel days, and human flesh was cheap. When Jesus came to Birmingham they simply passed Him by, They never hurt a hair of Him, they only let Him die; For men had grown more tender, and they would not give Him pain, They only just passed down the street, and left Him in the rain.

Still Jesus cried, "Forgive them, for they know not what they do," And still it rained the winter rain that drenched them through and through;

The crowds went home and left the streets without a soul to see, And Jesus crouched against a wall and cried for Calvary.

WHICH of the twelve lessons we have passed over this quarter will have the most general appeal, it would be hard to say. The feeding of the five thousand would not receive a heavy vote, it would seem to me, because it is so far above anything we can do, that we are staggered by it. I would vote for the conversation of Nicodemus. I have no acute admiration for Nicodemus, but he is a very human sort of middle-aged man, and he is frank enough to go straight to the Teacher for a personal interview. He is like most of us, when we get past forty or so. We do not change our ideas much. You would have to use a cold chisel to get a new idea into some folks' heads. However, Nicodemus was not wholly to blame. One's social environment has much to do with his ideas. He listens respectfully throughout the conversation, but he never really gets the point.

One needs to be born anew, said the great Teacher. That sounds odd, but is not. It is true, in a different way, of course, in the mental life.

A farmer once declared he had no use for the teachings in the agricultural college. Next year his son came home from the college and beat the father in growing corn. Thereupon dad packed his grip for that winter's short course in farm crops. Joseph Henry, when a young man, was fond of acting, and traveled with a troupe of actors for some time. One day, when confined to his room, he read a book on natural science. His mind was ablaze. He resolved he would be a scientist, and set about getting an education. He became the leading American physicist of his day, and the first secretary of the Smithsonian Institution at Washington. These are instances of rebirth of the mind and purpose. Just so, in a deeper way, must there be a re-birth experience in one's attitude toward God.

DO you note the second part of the title of Lesson VI? "Heals and saves." That is, the blind man was helped in soul as well as in body. He believed on Jesus as well as being cured by Jesus. Many people are anxious for the former. They want their rheumatism, their asthma, indigestion, all healed, but they are not so eager about soul health. But note how Jesus associated physical and spiritual disease. "Sin no more, lest a worse thing come upon thee." Healing of the soul often effects the healing of the body. Physical ills are frequently the children of sin.

The Good Shepherd strikes a responsive chord everywhere. We are all like sheep, silly, timid, easily lost. A German pastor lost his temper one Sunday and called his congregation a lot of pigs. Some of his officials brought action against him in court for slander. The court decided in favor of the plaintiffs, and ruled that it was proper for the pastor to call his church members sheep, but he should not call them pigs. To be a good shepherd is the highest office any of us can fill. A shepherd in the Sunday School class, in the school room, in the home. The shepherd as teacher, as father and mother, as neighbor, as citizen, as Christian. It answers in the affirmative the old question, "Am I my brother's keeper?"

SUNDAY SCHOOL LESSON FOR MARCH 28.

REVIEW.

GOLDEN TEXT:—These are written, that ye may believe that Jesus is the Christ, the Son of God; and that believing ye may have life in His name." John 20:31.

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

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Every Eagle Nest Chick is produced from Pure Bred Accredited Flocks. Order Now for Early and Future Delivery.

VARIETIES	PRICES ON 50	100	300	500	1000
White, Brown and Buff Leghorns	\$ 7.25	13.00	38.00	62.00	120.00
Barred, White and Buff Rocks, Anconas, Black Minorcas, S. C. and R. C. Reds	8.25	15.00	43.50	72.00	140.00
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S. C. Blk. Min., W. & Brd. Rocks, S. C. & R. C. Reds	4.00	7.75	15	72.00	140
Buff Orpingtons, White Wyandottes	4.25	8.25	16	75.00	145
White Orpingtons	4.50	8.75	17	77.00	
Jersey Blk. Giants, Sil. Spangled Hamburgs	7.00	13.00	25	115.00	
Mixed Chicks (Heavies) not accredited	3.50	6.50	12	60.00	
Mixed Chicks (Light) not accredited	3.00	5.50	10	50.00	100

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100% Live Delivery Guaranteed.	Postpaid prices	25	50	100	500
Laying Strains Barred Rocks, S. C. White Leghorns		\$4.00	\$7.50	\$14	\$67
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140 Egg \$13.85
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Freight Prepaid. If in a hurry, add only 45c for each machine and I will ship by Express Prepaid. Order now or write me today for Free book "Hatching Facts." It also gives Low Incubators, Coal and Oil Canopy Brooders. They are all fully guaranteed. Jim Rohan, Pres. Belle City Incubator Co. Box 14 Racine, Wis.

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From Mich. State Accredited Stock. Egg Line Business Bred White Leghorns Only. Our business is breeding better Baby Chicks. As a result, two of our flocks are Michigan State CERTIFIED. Our Super Mating contains direct blood lines of 304 and 306-egg champions. Males are from hens with 200 to 292-egg records. Many sires closely related to Tanager's 330-egg hen. FREE Catalog tells all. Write for copy.

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From Pedigreed, Blood-tested, Trapped S. C. White Leghorns. Every bird in our flock is Michigan State CERTIFIED, a step higher in the scale of good chicks than Accredited Stock. Write at once for your copy of the "Story of Sunrise Farm." Describes in detail our better flocks and chicks, and how you can make a big success with poultry. Copy FREE.

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From Michigan Accredited and State-inspected stock; S. C. English White and Brown Leghorns 12c; Sheppard's Anconas 13c; Barred Rocks and R. L. Reds 14c; Assorted Chicks 10c. No money down with order. Pay full amount ten days before chicks are shipped. Also C. O. D. Bank references. 100% live delivery. Catalogue free.

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Go to High School?

What Some Merry Circlers Think About the Question

SHOULD we go to high school? My answer is, yes; and a very definite and complete yes. I cannot imagine what life would be to a grown person who has never had a high school education, or its equivalent, such knowledge which is gained by other means than school, and which makes its possessor as well-read as a graduate from high school.

It seems to me that in education rests the solution to the problems of the nation, and most of all to farmers. In the past, one very seldom found a farmer with a high school education. Usually, they knew little more than that which happened in their own district. Have they been satisfied? Are they satisfied? They are not. One of the great problems of farm life today is that of making the farm more attractive to the people so that they will be willing to remain on or go back to the farm.

Each high school student is taught to cope with problems of all kinds. They are discussing in their classes, questions which must be solved. But

world to live? Who can say that we must deny an education to the young people in order that he will not escape to the city? For these reasons we should go to high school.—Melba Sutton.

Now comes a subject on which I have been wanting to tell about, "Should we go to High School?" Well, that's what I kept asking myself when I was sixteen years old. I quit, and went to work, as I knew my parents needed my help. Now, the funniest part of the whole situation is this, had I gone to high school I don't believe I would have made any headway, because my mind was always on something big, as they say.

First of all, I thoroughly learned

motion picture operator's work. I succeeded in this, and have life easy. On the other hand, I have also almost completed my experience on different kinds of pipe organs. I mean, setting them up as they come from the factory, and repair work on ones already up. Both of these trades I have learned, and both are professional work, nothing hard about either one, just simply brain work, and lots of responsibility. These I would not have learned if I hadn't quit school, because my lessons would have to be completed, and no one can go out and learn, I mean real learning, and keep good grades in school. I know lots of fellows that thought, "Well, we will show this boy what we know when we are through with high school." Well, the majority of them are working in shoe shops and other places where one has to labor. As the saying goes, "he who laughs last, laughs the best." Gabriel F. Szalay.

OUR LETTER BOX

Dear Uncle Frank:

This is the first letter I have ever written to the Merry Circle, although I am a Circler. I think I ought to be ashamed of myself, don't you?

I think it is getting pretty tiresome to write all the while on bobbed hair, rouge, powder, knickers, and how each boy or girl should act. I have bobbed hair and use powder, but very seldom rouge. I do not believe in using any of them to excess.

Well, what do you Merry Circlers think of the Charleston dance? I hope you have a better idea of it than my kid brother. He says it looks like some little two-year-old trying to imitate a clown in the circus. To me it seems a very good exercise. Of course, you should not overdo it, any more than any other exercise.—Melvina Strong, Manchester, Mich.

Yes, I think you ought to be ashamed of yourself. Please be an active Circler after this. You agree regarding the stopping of the bobbed hair, etc., questions, but you start on the Charleston. Is that any better? And now we'll see what happens to it.

Dear Uncle Frank:

I have not seen any letters from this part of the state, so I thought I would write to let you know someone lived here.

I think I will express my opinion on knickers, bobbed hair, smoking, etc.,

as it is the popular subject. For me, I say, let the girls use powder and rouge, if it will make them any prettier, as I like them to be as pretty as they can. I do not think it is right or decent to smoke, but I do think it is all right for the girls to bob their hair and wear knickers and short dresses, as I would not have long hair or wear dresses of any kind. I think they are too troublesome.

Some of the boys and girls should come up here to live, as the boys and girls here are as good as they can possibly be. (Excepting me, I'm a bad one).—Hawkshaw the Detective.

I can't determine whether you signed your name as Hawkshaw, the Detective, or Hawkshaw, the Defective. But you are too level-headed for the latter. Your opinions are O. K.

Dear Uncle Frank:

Well, I've tried in your contest again for the fifth or sixth time; probably won't be lucky this time, but here it comes. Do you think the boys should have a grudge against the girls? I don't, but they have. They're not all as perfect as they might be. Well, I'll stop jabbering for once. Hoping to see my letter in print.—Virginia Roberts, R. 1, North Adams, Mich.

I don't think the boys have any grudge against the girls; they just pretend to have one. I admire your persistency in making out the contests.

What Rabbi Wise Says

A Few Success Suggestions to Boys

WHEN I am asked by boys or young men to give them rules for success, I have only one answer to make. No man can do anything worth while who does not believe in himself, in his fellow-men, in his job, in God. First of all, a man must believe in his power of doing things. He may disappoint himself. He may at times sternly disapprove of himself, but he must go on and have faith that he

can and ought to do the thing he has set out to do.

A man must have faith in his fellow-men, if he is to succeed in any worth while sense. The greatest of men are they who trust other men. The little man meanly

distrusts his fellow-man. Of course, at times, one meets with disappointment and disillusion in dealing with

men. And yet, a man must not falter in his faith in humankind, which, after all, is the best thing we know, and will grow better only in the measure in which we trust it.

And a man must believe in his work, if he is to do anything in the world. "Chuck" your job, but don't loaf at it, and don't think all the time of the difficulties of the job. All jobs are difficult. Think of the challenge of it, claim the joy of doing what other men say cannot be done, what you may be half afraid to undertake to do.

And, over and above all, have faith in God, God the Father, God the friend of man, God who loves us, by putting it into our hearts to respect ourselves, to love one another, to believe in the work which is given us to do, and to look up to Him as the all-wise, merciful, loving Helper, Refuge, Friend.—Stephen S. Wise.

Probably the most eloquent orator and religious leader of the Hebrew race in America today, is Rabbi Stephen S. Wise, of New York City. Farm boys who read may well take to heart the message Rabbi Wise sends them.



Dr. Stephen Wise.

White Diarrhea

Splendid Success of Mrs. Ethel Rhoades in Preventing White Diarrhea

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

"Dear Sir: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. My first incubator chicks when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Dept. 508, Waterloo, Ia., for a \$1.00 box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."—Mrs. Ethel Rhoades, Shenandoah, Iowa.

Cause of White Diarrhea

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

Never Lost a Single Chick

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

Never Lost One After First Dose

Mrs. C. M. Bradshaw writes: "I used to lose a great many chicks from White Diarrhea, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 508, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail."—Mrs. C. M. Bradshaw, Beaconsfield, Iowa.

You Run No Risk

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

WALKER REMEDY CO., Dept. 508,
Waterloo, Iowa.

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

Name

Town

State R. F. D.

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

TASWTESBKAE CONTEST.

THIS contest is just a little different than others we have had. I mixed the letters of two words known by M. C.'s. Here is the order in which I picked them up:

TASWTESBKAE.

If you get these letters straightened out to make the two words, write the words on a sheet of paper, with your name and address in the upper left-hand corner. If you are now a Merry Circler, put M. C. after your name. Write nothing else on that sheet. Put your letters on separate sheets.

All the correct answers will be mixed, as the letters of these words were, and the first ten picked out will get prizes; the first two, pencil boxes; the next three, dictionaries; the next five, handsome pocket pencils. All who get correct solutions to this contest, and are not M. C.s, will be sent M. C. buttons and membership cards.

Send your papers to Uncle Frank, Michigan Farmer, Detroit, Michigan, before April 2, as the contest closes then.

SHOULD WE GO TO HIGH SCHOOL?

This is my last year in the Charlotte High School. As time goes by, I realize much more fully the importance of a high school education. My answer to that question is very decidedly yes.

When I obtained my eighth grade diploma, I thought I knew a whole lot. As I look back now, I realize that my knowledge stood at naught. My high school education has enabled me to appreciate articles and books which I choose to read. It has stimulated my interest in affairs of the nation and world, which before were absolutely blank. But this it not all. The experience of meeting all kinds of people is no little item in one's education. A high school course serves to open one's eyes to the vast store of knowledge to be gained. It helps (as the most popular definition of education is) to make one into the right kind of citizen—one that can enjoy the advantages around him, make others happy, and do his share in running the government efficiently and well.

As Mr. Harriman stated in his letter, the question whether he was robbing the world of a good farmer, I would like to say a few things about that. We must take into consideration that all high school students do not leave the farm. In his case, I think he has no reason to regret his choice. Who has the most influence upon the younger generation, the teacher or the farmer? The work of the teacher and the school is among the greatest. It helps more than any other institution to shape young lives and direct them in the way that they should go. The larger per cent of our ideas are gathered in the school room. Are we going to help raise society and civilization to a higher plane, or merely provide food for the present populace? It is our right to choose. Let us do so.—Bernice M. Ball.

LETTER FROM CHILDREN'S HOME.

Dear Friends:
I was born with club feet. I have had three operations and I am much better. I came to the Children's Hospital last August. I am in a wheel chair now. I live in Lapeer.
I like it here very much, because everything is done that could be to make us happy.—Mary Mabey.

CONTEST JOKES.

Disillusioned.

Irate Parent:—"Sir, why did you kiss my daughter last night in that dark corner?"

Flaming Youth:—"Now that I've seen her in the light, I sort of wonder myself."

Clothing Sickness.

"Say, Bosco, I heard you were sick."
"Yes, I was. I had the new disease called the 'clothing sickness'."

"What on earth is that?"
"Well, I had a coat on my tongue, and my breath came in short pants."

Followed Instructions.

A little boy had returned home after having been out for dinner, and his mother said: "I trust that, when it came to extra helpings, you had manners enough to say 'No'."

"Yes, mother I said 'no' several times."
"You did?" exclaimed his mother, proudly.

"Yes, Mrs. Stout kept asking me if I had enough."

Didn't Suit Her.

Old Lady:—"Why, I wouldn't think of having this room. I ain't going to pay my good money for a box like this, and I simply won't have a folding bed—"

Bellhop:—"Go on in, lady. This ain't your room, it's the elevator."

AN ANSWERING RHYME.

To master Reginald Robinson
I write this answering rhyme:
(Though to tell the boys of all their faults,
I fear I have not time).

They appear in their bell-shaped trousers,
They powder and soften their cheeks,
They wear their checkerboard sweaters—
And think they are regular shieks!

From my heart I give them joy—
But I'm glad I'm not a boy!

CONTEST WINNERS.

I DON'T know whether boys like to work easy contests, but somehow they were lucky this time in being picked as winners. I have not had time to find out if there were more boys than girls entered, or not. If there were, I'll say "three cheers" for the boys.
The mixed sentence was, "He who

chooses snoozes loses." It was in Hy Syckle's article on page four.

The ten lucky enough to be picked out of a big pile of contest papers

Pencil Boxes.

Linda Gaeth, Unionville, Mich.
Earl Stallard, R. 2, East Jordan, Mich.

Dictionaries.

Earl S. Bowen, R. 5, Lapeer, Mich.
Mervial Myers, Bear Lake, Mich.
Kenneth Wolverton, Vickeryville, Mich.

Pencils.

Robert Huber, R. 3, Sturgis, Mich.
Harold Meier, R. 1, Byron, Mich.
Robert Duncan, R. 1, Spratt, Mich.
Vondola Cox, R. 1, Gladwin, Mich.
Melvin Glazier, Vanderbilt, Mich.

THE MERRY CIRCLE FUND.

QUITE a few added their mite to the fund recently. This is making it grow, but I wish that each Merry Circler would send in a nickel, as then we truly could say that it was a Merry Circle fund, instead of a fund made up of contributions from a comparatively few Merry Circlers.

Contributions have been received from the following from March 13 to 18 inclusive:

M. V., Mary Fox, Albert Faber, Jr., Olga Trump, Aletha Ferguson, Alice Aldrich, "Dolly Dimples," Florence McCarthy, Elgin Colerick, Virgil Low, Marian Tompkins, Melva Follett, Mary Hinckney, Ann Wrona, Gladys Milton, Marjorie H. Omo, Neva McMullen, Earl S. Bowers, Rietta Ryan, Mabel Elarton, Florence Elarton, Glen Elarton, Beth Monroe, Matelda Hunter-Cora Reimel, Christine Koscielniak, Elizabeth Baldwin, Jennie Huizenger, Joanna Roelofs, Marion Roelofs, Irene Gibson, Edna Cob, Kinnard Schaibly, Gertrude Kramer, Herbert Rummel, E. Naomi Sheldon, Marie VanBoven, Omus McGirr, Florence Davis, Delle Redersen, Louis Snyder, Mrs. F. Cole, Dwight, Robert and Roy Taylor, Jeanette Huizenga, Reginald Robinson, Mystery Girl, Ella R. Ross.

BABY CHICKS FROM TRAPNESTED production and standard bred Barred Rocks. Write for circular. GILT-EDGE BARRED ROCK FARM, Gobles, Mich.

Reliable Chicks Make Reliable Layers

THEY BEAR INSPECTION

Reliable Poultry Farm

Barron White Leghorns
Anconas - White Wyandottes
ALL FLOCKS, MICH. STATE ACCREDITED

This year's matings include 1st pen production class. White Leghorns, Western Michigan State Fair 1st. Pen Production class Anconas and 1st and 2d pens Production Class White Wyandottes at Holland Community Fair.
Care in Selection, Culling, Breeding and the introduction of high bloodlines from other high-bred stock have made possible this year the finest breeding stock we have ever had. Reliable Chicks Live, Lay and Produce Egg Profits.
Send now for FREE Copy, our 1926 Catalog.

RELIABLE POULTRY FARMS & HATCHERY, R. 1, Box 42 ZEELAND, MICH.

1,000,000 BABION'S QUALITY CHICKS

36 VARIETIES. For 1926. Breeders of Highest egg-producing strains in all leading varieties.	25	50	100	500	1000
100% Live Delivery Guaranteed. Postpaid prices					
English White & S. & R. C. Brown Leghorns.....	\$3.75	\$7.00	\$13	\$62	\$120
Buff and Black Leghorns.....	3.75	7.00	13	62	120
Barred & White Rocks, R. I. Reds.....	4.25	8.00	15	72	140
Black Minorcas, Mottled Anconas.....	4.25	8.00	15	72	140
White Wyandottes, Buff Rocks.....	4.50	8.75	17	82	160
Mixed, all Heavies, \$12 per 100. Light Mixed, \$10 per 100. Ducksling, White Pekins. White & Fawn Runners, 25, \$7.50; 50, \$15; 100, \$30.					

Please remember quality goes ahead of price. Consider this when you place your order. No. C. O. D. orders shipped. 10% will book your order. BANK REFERENCES. You cannot go wrong in ordering from this ad direct. CHICKS hatched from TRAPNESTED LAYERS, 3c per chick higher than above prices. CHICKS hatched from BLUE RIBBON PENS, 5c per chick higher. Write at once today.

BABION'S FRUIT AND POULTRY FARMS, FLINT, MICHIGAN.

HOLLAND HATCHERY

It will pay you to investigate one of Michigan's oldest and best hatcheries. Eighteen years' experience. Every chick hatched from selected, rugged, free-range breeders. Officially passed by inspectors from Michigan State College. Absolute satisfaction in the hands of old customers necessitated increasing our capacity.

S.C. White Leghorns (Large Type English) S.C.R.I. Reds
Anconas, (Special Mated America) Barred Rocks,

SEND FOR OUR FREE CATALOG

Buy your Michigan State Accredited Chicks of an old reliable concern with an established reputation for square dealing. 100% live delivery, prepaid. Get our valuable Free Catalog before placing your order.

VAN APPELDORN BROS. HOLLAND HATCHERY & POULTRY FARM, R. 7-C, HOLLAND, MICH.

ORDER YOUR BABY CHICKS NOW

We are able to promptly fill your orders for chicks from high egg record and pure-bred flocks. Our chicks are strong, healthy and vigorous, hatched from free-range hens. Place your order direct from this ad and save time, or get our free Catalog. 100% Live Delivery Guaranteed.

Prepaid Parcel Post for	25	50	100	500	1000
White and Brown Leghorns.....	\$3.50	\$6.75	\$13.00	\$62.50	\$120
Black and Buff Leghorns.....	3.75	7.25	14.00		
Barred & White Rocks, Reds, Black Minorcas.....	4.00	7.75	15.00	72.50	140
White & Silver Wyandottes, Buff Orpingtons.....	4.25	8.25	16.00	77.50	150
Jersey Black Giants.....	7.00	13.00	25.00		

LANTZ HATCHERY, Box J, TIFFIN, OHIO. Established 1906.

BARRON - TANCRED W. LEGHORNS

EXCLUSIVELY, STATE ACCREDITED FLOCKS AND HATCHERY. Some males with records up to 295 eggs per year. Contest record flocks. Pedigreed Tancred Males. GRADE A. Chicks from flocks mated to Pedigreed Tancred cockerels sired from State demonstration flock 1925. 25, \$4.50; 50, \$8.50; 100, \$16; 500, \$75. GRADE B. Chicks from good Utility flocks culled by Experts for heavy egg production, mated with cockerels of State demonstration flock. 25, \$3.75; 50, \$7; 100, \$13; 500, \$62.50; 1000, \$120. After April 15th, 1c per chick less. After May 30th, 2c less. Postpaid. 100% Live Delivery Guaranteed. Free Catalog. Ref. First State Bank. STAR HATCHERY, L. Tinkhoff, Prop. Box D, HOLLAND, MICHIGAN.

HA! HA! LOOK! BUY OUR BIG HUSKY, MICHIGAN ACCREDITED CHICKS. CAN SHIP IMMEDIATELY.

Every breeder approved of by state experts. Buy the best at the lowest price. 14 pure-bred varieties. Hatching eggs. Free circular and big discount before buying elsewhere.

BECKMAN HATCHERY
26 LYON ST. DEPT. 1. GRAND RAPIDS, MICHIGAN.

Always
look for
the
Red
Strand
(top
wire)



I'm buying some more of that new Red Strand Fence!

More and more fence buyers are turning to this new RED STRAND. They have learned that this patented Copper Bearing, "Galvannealed" fence far outlasts the ordinary kind—and it costs much less in the long run. Made of copper-bearing steel—it resists rust clear to the core. Then the patented "Galvannealed" process applies from 2 to 3 times more zinc coating than the ordinary galvanizing method. That's why this new RED STRAND gives many years of extra service.

Galvannealed Square Deal Fence

Then there are these big features: Knot that is guaranteed not to slip; full gauge wires; stiff picket-like stay wires require fewer posts; well crimped line wires retain their tension, etc. Look for the Red Strand—then buy it, you'll never have regrets.

FREE to Land Owners

(1) Red Strand fence catalog. (2) "Official Proof of Tests"—shows reports on fence tests conducted by noted authorities. (3) Ropp's Calculator. All sent FREE.

KEYSTONE STEEL & WIRE CO.
4957 Industrial St. Peoria, Illinois

DON'T WEAR A TRUSS

BE COMFORTABLE—

Wear the Brooks Appliance, the modern scientific invention which gives rupture sufferers immediate relief. It has no obnoxious springs or pads. Automatic Air Cushions bind and draw together the broken parts. No salves or plasters. Durable. Cheap. Sent on trial to prove its worth. Beware of imitations. Look for trade-mark bearing portrait and signature of C. E. Brooks which appears on every Appliance. None other genuine. Full information and booklet sent free in plain, sealed envelope. **BROOKS APPLIANCE CO.**, 323C State St., Marshall, Mich.



Mr. C. E. Brooks



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

DON'T CUT OUT A Shoe Boil, Capped Hock or Bursitis

FOR

ABSORBINE

will reduce them and leave no blemishes. Stops lameness promptly. Does not blister or remove the hair, and horse can be worked. \$2.50 a bottle delivered. Book 6 R free.

ABSORBINE, JR., for mankind, the antiseptic ointment for Boils, Bruises, Sores, Swellings, Varicose Veins, Allays Pain and Inflammation. Price \$1.25 a bottle at drugstore or delivered. Will tell you more if you write. **W. F. YOUNG, INC.**, 468 Lyman St., Springfield, Mass.

Don't Pay for 4 Months

So that you may see and use the one cream separator with the single bearing suspended self-balancing bowl, we will send an imported Belgium Melotte Cream Separator, any model, direct to your farm and you don't pay us for it for 4 months. You may have a 60 Day Free Trial to convince yourself.

Write for FREE BOOK!

Write today for new Melotte catalog containing full description of this wonderful separator and our big offer.



MELOTTE H. B. BABSON, U. S. Mgr. 2542 W. 19th St., Dept. 81-03 Chicago

LIVE STOCK AND DAIRYING

MORE THAN DOUBLES AVERAGE BUTTER PRODUCTION.

THE fiscal year for the Belding-Ionia Cow Testing Association has just been completed and the report of Jens P. Hansen, tester of the association for the past two years, show some very interesting facts.

There were 343 cows on test in the association this year which average 349.3 pounds of butter-fat each. This is more than twice the average yield of all cows in Michigan, which is 160 pounds. However, the most interesting fact is that this association last year had an average of 317.5 pounds of butter-fat per cow. This is an increase of thirty-two pounds of fat per cow, due to the elimination of the

total, which included feed and bedding, chores, depreciation, interest, stabling, shoeing and miscellaneous. A deduction was made for the value of the manure.

When you consider that in every \$100 total expense in keeping a horse, \$4.50 is spent for harness, it's an item worth some attention.

Economizing in harness may be accomplished in several ways. (1) Buying a harness that is made of good leather. (2) A harness that is well constructed as to stitching, quality of thread used in the sewing, quality of hardware. (3) Buying a style of harness that is suited to your particular work, and heavy enough to stand your hardest job without strain. (4) Keeping harness in a dry place, preferably



What Contributes More to the Comfort of the Animals than a Good Old-fashioned Straw Stack?

poorer cows, and better dairy practices. At prices current for the year this means an increased income of \$14 per cow over the first year.

Another interesting comparison is the returns on feed investments. In 1924 the members received \$2.03 for each dollar spent for feed, while in 1925 the returns jumped to \$2.45 for each dollar spent for feed, or an increase of forty-two cents.

The highest herd for the year in butter-fat production was the purebred Jersey herd of N. A. Andres. Their test was 5.36 per cent butter-fat, and yielded 439.6 pounds of butter-fat per cow. The highest entire herd in milk production was the Michigan Reformatory. A herd of forty-five cows which gave 12,847 pounds of milk each, one cow giving 19,873 pounds of milk.

The highest individual cow in butter-fat production was a seven-year-old grade Holstein owned by the Ionia State Hospital. She gave 629.9 pounds of butter-fat, and returned \$3.95 for each dollar's worth of feed consumed.

PIG DRESSES 332 POUNDS AT EIGHT MONTHS.

I SAW an item in the Michigan Farmer, written by a Gladwin county farmer, stating that he had some Duroc pigs that weighed 330 pounds at the age of eight and a half months. He stated that he would like to hear from any farmer who had better pigs. This is the reason I am writing. I raised a Chester White pig which, at eight months old, dressed 332 pounds. I do not know what this pig would have weighed alive; but the above is the weight when dressed.—M. J. Herbert, Shiawassee County.

WHAT DOES YOUR HARNESS COST?

IN a government survey taken to determine the cost of keeping farm horses, harness costs were reported as four and one-half per cent of the

enclosed from stable fumes. (5) Occasional washing and oiling. (6) When repairs are necessary, make them promptly and do a good job.

Once you have purchased a good harness, the main thing is to take good care of it. When the oil dries out of a harness, and the rain and dust penetrate the leather, it will quickly deteriorate. Investigation shows that there is a wide degree of difference in the number of years service that farmers get from harness. This can depend on the quality of harness, the amount and kind of work done, and the care given the harness.

If you can make a harness last twice as long by taking good care of it, simple arithmetic tells us that your harness costs will be cut in half. You should remember also, that it is not only the cost of the harness and repairs, but the time lost when making repairs, that counts. When a harness gets too bad, it's cheaper to buy new harness than to make frequent and costly repairs, run the risk of an accident, or delays during a rush season, when "time is money."—C. W. L.

SYMPTOMS OF HEAT IN GOATS.

How may one tell when a goat comes in heat?—G. W. C.

The symptoms in goats are not so pronounced as in most other animals. There is noticed a period of uneasiness, when they will bleat more than usual, and will attempt to wander off in search of a ram. The vulva and vagina are slightly swollen, and may show a slight mucous discharge.

From January 1, 1920, to January 1, 1926, the number of cattle in the United States decreased about nine million head.

Farm wages were higher in 1925 than in any year since 1920, and were three times as high as they were at the close of the Civil War, according to department of agriculture reports.



Full Pails demand health in Udder and Teats

When you finish the milking with a disappointment that comes with the poorly-filled pail—be sure the trouble is not right under your very eyes.

Remember this—cows are nervous, sensitive animals. The slightest discomfort of the udder or teats is extra annoying during milking. The milk is held back—lost to you as surely as if the cow lacked the ability to produce.

Fight udder troubles constantly. Fight them the way the best dairymen in the country now do—with their can of Bag Balm, the great healing ointment. Bag Balm is a rapid antiseptic healer of all sores or hurts, chaps, cracked teats, inflammation of the udder, caked bag, bunches, cow pox, etc. It is clean and pleasant to use—cannot taint the milk. For any animal sore or skin trouble Bag Balm is sure relief.

Be sure to keep Bag Balm on hand and use it liberally to keep your cows comfortable. Big 10-ounce package 60c at feed dealers, general stores or druggists. If your dealer is not supplied order direct from us. We pay postage. Booklet, "Dairy Wrinkles" free on request.

DAIRY ASSOCIATION CO., Inc.
Dept. D Lyndonville, Vt.



Only \$2 DOWN ONE YEAR TO PAY

Brings you any size New Butterfly Cream Separator direct from factory. Machine earns its own cost and more before you pay. We quote Lowest Prices and Payments as low as **ONLY \$3.50 PER MONTH**. No interest—No extras. Every machine guaranteed a lifetime against defects in material and workmanship. **30 Days' FREE Trial** on your farm at our risk. Nearly 200,000 in use. Easiest to clean and turn. Write for Free Catalog Folder today (22) **ALBAUGH-DOVER MFG. CO.** 2165 Marshall Blvd. Chicago, Ill.

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GET IT FROM THE FACTORY DIRECT

NEW LOW PRICES Big money-saving values in Farm, Poultry and Lawn Fence, Gates, Barbed Wire and "Y" Type Steel Posts (heaviest, strongest made). Buy now while prices are down. Prompt shipment. Satisfaction guaranteed. **WE PAY THE FREIGHT.** "I saved \$49.00," says Walter Pierce, Friendship, Indiana. You, too, can save. Don't delay, write today for our new FREE catalog and latest low prices. **KITSELMAN BROS., Box 278 MUNCIE, INDIANA**

YOU Should know

ALL ABOUT THE NEW JENNEY

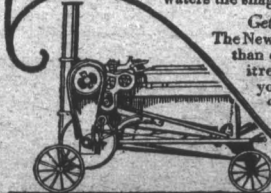
Every corn grower out for big profits in 1926 should immediately investigate the New Jenney Silo-Filler-Husker-Shredder. An engineering masterpiece—three machines in one. Nothing like it!

Here's what it does: husks corn as clean as a hand job; clips the ears from the stalk whether they're green or ripe, wet or dry; lifts them into the crib; cuts and shreds the stalks; fills the silos; waters the silage.

Get All The Facts!

The New Jenney costano more than one of the 3 machines it replaces; and it doubles your corn profits. Write at once for full details!

HALL MFG. CO.
DEPT. M CEDAR RAPIDS IOWA



THE MACHINE THAT WILL HUSK CORN CLEAN

BREEDERS' DIRECTORY

Registered Aberdeen Angus, six heifers, two bulls from eight to twelve months, best of breeding, large and growthy, with quality. Priced reasonable. Inquire F. J. WILBER, Clio, Mich.

GUERNSEYS for sale, males, females, sired by sires whose dams have records of 19,460.50 milk, 999.05 fat, and 15,109.10 milk, 778.80 fat. T. V. HICKS, R. 4, Battle Creek, Mich.

Guernsey Dairy Heifer Calves, Practically Pure-bred, 8 weeks old, \$20 each. Write C. O. D. Write L. Terwilliger, Wauwatosa, Wis.

Guernseys Some real bargains in registered cows and heifers, one young bull. W. W. Burdick, Williamston, Mich.

Registered Guernseys, May Rose breeding—bull and heifer calves. WALNUT HILL FARM, Milford, Mich.

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

FOR SALE Registered Guernsey bull calves, from clean herd. Good A. R. and C. T. A. records. E. E. PRICE, Fremont, Mich.

CLARK'S HOLSTEIN CLASSIC

April 6-7-8-9

500 Selected Registered Holsteins

250 will be sold at Fond du Lac, Wis., April 6-7.

250 will be sold at West Salem, Wis., April 8-9.

THE GREATEST HOLSTEIN SALE OF ALL TIME

Never before in the history of the breed has there been so great an array of top notch Holsteins as are now consigned to Clark's Holstein Classic. They represent the best from the leading Holstein herds of North America.

Send for folder giving complete details on this great sale.

Write to

JAMES R. GARVER
MADISON, WISCONSIN.

In Charge of Publicity and Sales Correspondence.

A Son of Echo Sylvia King Mode

Born June 18, 1925.

A very good calf, soon ready for light service. His sire, a 36-lb. grandson of May Echo Sylvia, already has 65 A. R. O. daughters, including 15 from 25 to 32.33 lbs. but-ter in 7 days at two to four years of age. His dam is a 22-lb. Jr. 3-yr.-old daughter of a 30.9-lb. cow with a record of 806 lbs. but-ter and 18,071 lbs. milk in 305 days.

Send for pedigree of Tag No. 606.



Bureau of
Animal Industry
Dept. C
Lansing, Michigan

Holstein Friesian Bull Macfarlane King Red Apple Colantha No. 427873, 2 yrs. old with generation, 30 lbs. or better. A good herd sire for any herd, and good individual. A. E. ANNIS, Marquette, Mich.

\$800.00 buys ten Registered Holstein heifers, six over one year old, and four a little under one year. All good individuals and richly bred. B. B. REAVEY, Akron, Mich.

FOR SALE Young Holstein bull, ready for service, by our Carnation Sire. HILLCREST FARM, Kalamazoo, Mich.

FINANCIAL KING JERSEYS

for sale, excellent bull calves from R. of M. dams. COLDWATER JERSEY FARM, Coldwater, Mich.

Sophie Tormentor--St. Mawes Jerseys Bulls from Register of Merit Dams making around 600 lbs. fat and up. Also a few cows and heifers. J. K. HATFIELD, Remus, Mich.

Choice Jersey Bulls ready for service, and size of a pencil. Please prescribe a cure. Is there any prevention for navel trouble in colts? A few years ago we lost one from that. It lived a few weeks, and large sores came all over its body. The veterinarian said it was navel infection. E. G. B., Sand Lake.

15 Cows, 4 Bulls from R. of M. Cows. Chance to select from herd of 70. Some fresh, others bred for fall freshening. Colon C. Lillie, Coopersville, Mich.

Shorthorns Best of quality and breeding. Bulls, cows and heifers for sale. BIDWELL, STOCK FARM, Box D, Tecumseh, Mich.

SHORTHORNS

Cows with calves, bred heifers and bulls. Will make very attractive prices for the next 60 days. Over 100 head of well-bred cattle to select from. Herd founded at a time when we can afford to sell at farmers' prices. Write to Supt. GOTTFREDSON FARMS, Ypsilanti, Mich.

FOR SALE Red, Dual-purpose Shorthorn bull calf of September, sired by Laddie Boy by Roan Archer. DICK L. DEKLEINE, R. No. 3, Zeeland, Mich.

Milking Shorthorns, either sex, at farmers' prices. Breeders' Association, Central Mich. Shorthorn, Secy., Gowan, Mich.

FOR SALE Brown Swiss Bull Calf, four weeks old. F. J. WITMER, R. No. 3, Howard City, Mich.

PROGRESS IN THE FIELD.

THE first test for tuberculosis has been completed in St. Joseph county, and the first test is well along toward completion in Branch, Allegan and Berrien counties. The second test of Monroe is under way, and the drive is on in Genesee. The first test has been started in Newaygo, Cass and Van Buren. The final retest of infected herds is under way in Wayne and Clinton, and infected herd retests are being made in Delta preparatory to the last complete test of the county, which will be made the coming summer.

SOME MORE BIG PIGS.

HAVING read the stories of big pigs, running in the Michigan Farmer, I wish to tell my experience. Two years ago I raised eight Durocs, which I dressed for market at the age of eight months. These pigs averaged 294½ pounds, dressed. One dressed 324 pounds. Yes, and I received ten cents per young for the bunch.—D. C. Haley, Hillsdale County.

Veterinary.

CONDUCTED BY DR. S. BURROWS.

Ailing Pigs.—I have a litter of seven pigs that were perfectly normal, thrifty pigs until about six weeks old, when four of them began to develop humps and have grown steadily worse, until now two have gone down. Have been told it was kidney worms. Can you give the cause of this, and is there a remedy? H. L. W., Charlotte, Mich.—The condition you speak of is quite common during the winter and early spring. It is frequently called a deficiency disease, since it is caused by feeding rations deficient in certain minerals and vitamins, something that pigs get in summer, either out of the ground or feed. You failed to mention the feeds used. Give one ounce of cod liver oil twice daily. Also keep ground limestone where they can have access to it. Keep them in clean, dry quarters. Plenty of sunlight is also beneficial.

Retained Afterbirth.—Two weeks ago I bought a four-year-old cow. At that time her second calves (twins) were one week old. She was quite poor, and when I got her home I began to grain her. I am now giving her ground oats and barley, moistened with warm water. I give a little salt at night. She also has clover hay. She seems to have retained the afterbirth. A few days after we had her she began to discharge. At first it was a kind of matter with blood, and the next day it is just slimy and bloody. She seems well, eats and drinks all right. Is there any danger? What should I do for her. E. S., Onaway.—It would be advisable to call your veterinarian, as the uterus should be irrigated with warm saline or antiseptic solutions. You would be unable to give this treatment. These cases are more stubborn, following the birth of twins. There is probably no danger of losing her, though if the uterus is not properly taken care of at this time, you will have difficulty in getting her with calf again.

Intestinal Parasites.—I have a horse about fourteen years old which is real thin. Quite often he passes worms ten to twelve inches long, about the size of a pencil. Please prescribe a cure. Is there any prevention for navel trouble in colts? A few years ago we lost one from that. It lived a few weeks, and large sores came all over its body. The veterinarian said it was navel infection. E. G. B., Sand Lake.—Dissolve one-third of an ounce of tartar emetic in pint of water, and mix with sufficient bran to absorb it. Give as a feed after withholding all feed for twelve hours. In four or five hours give one quart of raw linseed oil. To your question as to navel ill: This is more common where mares have foaled in the stable, due to navel stump becoming soiled with dirt from floor of the stall. Infection can be prevented by pressing the fluids out of the stump and holding it in a cupful of one to 1000 corrosive sublimate solution for five minutes, by pressing the cup against abdomen. Afterward apply equal parts of powdered camphor, alum and starch every thirty minutes, until a hard, dry scab is formed.



PUT your horses in shape for spring. Don't let them start the season with minor ailments that might put them out of commission. Get them fit—and keep them fit—with Gombault's Caustic Balsam. Known everywhere for 41 years as the reliable remedy for Spavin, Capped Hock, Curb, Splint, Laryngitis, Thoroughpin, Quittor, Wind Galls, Poll Evil, Sprains, Fistula, Barb Wire Cuts, Calk Wounds.

Won't scar or discolor the hair. Far more effective than firing. Keep it handy—always. Get your bottle to-day—\$2.00 at all druggists, or direct from us upon receipt of price. The Lawrence-Williams Company, Cleveland, Ohio.

GOOD FOR HUMANS, TOO

GOMBAULT'S
Caustic
BALSAM



SELL THE MILK AND RAISE YOUR CALVES ON RYDE'S CREAM CALF MEAL

You can make money by using Ryde's Cream Calf Meal. Sell the Cow's Milk and Cream, and buy Ryde's Cream Calf Meal for one-third of what you get for the milk and cream. Two-thirds of the price you get for the milk is clear cash profit. Ryde's Cream Calf Meal is an unequalled substitute for milk. It contains every element necessary for rapid and thrifty growth, for calves and other young live stock. Build better calves with Ryde's Cream Calf Meal, at your Dealers, or write

RYDE AND COMPANY
Dept.
5434 W. Roosevelt Road
Chicago, Ill.

Oats

SENSATION.—One of the most productive oats in cultivation. 75 Bushels and upward per acre are frequent with large white meaty grains weighing 44.46 lbs. per measured bushel of the highest quality. Seed furnished as low as 65c per bushel in quantities. You should by all means try these oats. Send for sample and circular.

Theo. Burt & Sons, Box 175 Melrose, O

MICHIGAN Concrete STAVE SILOS

The last word in a permanent silo. Write for interesting free illustrated fact-proving literature. Tells how we manufacture silos under the best known processes—and not stopping at that—how we erect them for you in a few days from ground to peak.

Special Terms if you order Now!

Agents wanted in open territory.

MICHIGAN SILO COMPANY
135 Portage St. Kalamazoo, Mich.

BIG PUBLIC AUCTION

Having sold part of our farms, and being forced to reduce the size of our herds and flocks, we will sell at public auction at our Headquarters Farm, which is situated 1½ miles West of Cherry Hill and just South off of the Warren Rd., or North from Ypsilanti, 4 miles on Prospect St., then East 2 miles on Warren Rd on

Wed. March 31st, 1926 at 10:30 A. M.

the following live stock:
25 head of Grade and Pure-blooded Shorthorn Cattle. 50 head of Duroc Jersey bred sows, due to farrow Apr. 15 to May 15. 8 head of Grade Percheron Geldings and Mares.
Many sets of Harness and Collars, and probably the best lot of Farm Implements ever sold in Washtenaw County. Come and spend a day at one of the leading Live Stock Farms in Michigan. Free lunch will be served at noon.

GOTTFREDSON LAND CO., YPSILANTI, MICHIGAN.
F. A. CLARK, Farm Manager

FOR SALE

38 Head of Pure-blood Holstein Cattle

Having sold Winn-Wood Farm, we are compelled to sell our 36 head female thorough-bred Holstein Cattle and 2 herd sires; herd consists of 20 females under two years old; the other 16 head are from two, three and four years old; only two cows six years old. These cattle were selected by us as a foundation for a new herd, so you will find type and production. These cattle must be sold within the next 30 days, so if you are interested, come and take a look and get prices.

John H. Winn, Inc., Winn-Wood Farm,
ROCHESTER, MICHIGAN.

SHIP YOUR LIVE POULTRY DRESSED POULTRY DRESSED CALVES DRESSED HOGS ROASTING PIGS TAME RABBITS TO DETROIT BEEF CO.

DETROIT, MICH.
36 years in the commission business in the same location and under the same management. \$250,000.00 capital and surplus. Prompt returns. Write for free shippers guide.

SHIP YOUR HOGS AND CALVES NOW

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OTTO F. BERNSTEIN
2478 RIOPELLE ST. - DETROIT, MICH.
COMMISSION MERCHANT
Tags sent on request. Established 25 years.
References:
Wayne Co. Home Savings Bank, Michigan Live Stock Association, Detroit.

FREE: Send name and get 25 Pedigreed Everbearing Strawberry plants, free.
WEST PLAINS NURSERY CO., West Plains, Mo.



RIDER AGENTS WANTED

to ride and exhibit sample Ranger bicycles. Shipped on approval, express prepaid. Make big money. Many models, \$21.50 up. Easy pay'ns. Write Today for special offer.

MEAD Cycle Co., Dept. B-208 CHICAGO

WOOL BED BLANKETS & BATTING

We are now equipped to manufacture your virgin wool bed blankets and batting at moderate cost to you. Custom work a specialty. Give us a trial. West Unity Woolen Mills, 108 Lynn St., West Unity, Ohio

HOGS

DUROC BRED GILTS

April farrow, cholera immune and weighing over 425 lbs., in growing condition. Also boars.

Lakefield Farms, Clarkston, Mich.

Grand Champion Duroc We won G. C. Boar, 1925, State Fair. Gilts from the Grand Champion, bred to Super Co. Boar. April farrow, \$75 to \$100. Fall boars, over 200 lbs., \$50. J. M. WILLIAMS, No. Adams, Mich.

O.I.C. HOGS on time Write for Hog Book
Originators and most extensive breeders.
THE L. B. SILVER CO., Box 196, Salem, Ohio

O. I. C.'s. Choice fall boars and gilts. Bred by Giant Boy and Jumbo's Bell Boy. Brown Swiss. MILO H. PETERSON, R. 2, Ionia, Mich.

BIG TYPE Chester Whites. Choice fall gilts and boars, also spring boar pigs at weaning time. LUCIAN HILL, Union City, Mich.

L. T. Poland Chinas bred sows. Popular strains. JAMES G. TAYLOR, Belding, Michigan.

LARGE TYPE POLAND CHINAS for sale. Bred gilts weighing 400 lbs. at \$75. Also fall pigs, either sex. A. A. FELDKAMP, Manchester, Mich.

B. T. P. C. Just a few extra choice fall gilts. Everything else sold. GEO. W. NEEDHAM, Saline, Mich.

Poland China Gilts good ones, bred for spring farrow. Cholera immune. Registered free. WESLEY HILE, Ionia, Mich.

SHEEP

SHROPSHIRE of the Woolly type, bred to my best rams. Call on DAN BOOHER, R. No. 4, Ewart, Mich.

HORSES

For Sale Two young Belgian stallions with size and quality. Sire and dam both imported. F. L. BROKAW, Eagle, Mich.

FOR SALE Pair 5-yr.-old Registered Percheron Mares, black, 3,300 lbs., sound, a fine pair. Price \$650. F. E. Rice, Millington, Mich.



THE LATEST MARKET REPORTS



GRAIN QUOTATIONS

Tuesday, March 23.

Wheat.

Detroit.—No. 1 red \$1.72; No. 2 red \$1.71; No. 2 white \$1.72; No. 2 mixed \$1.71.

Chicago.—May at \$1.57@1.57½; July \$1.36@1.36½.

Toledo.—Wheat \$1.70@1.71.

Corn.

Detroit.—New, No. 3 yellow at 74c; No. 4 yellow 68c; No. 5 yellow 63c.

Chicago.—May 72¾@72¾c; July at 76½@76¼c.

Oats.

Detroit.—No. 2 white Michigan at 44c; No. 3, 43c.

Chicago.—May at 39c; July 39¾@39¾c.

Rye

Detroit.—No. 2, 85c.

Chicago.—May 87¾; July 88¾c.

Toledo.—87c.

Beans

Detroit.—Immediate and prompt shipment \$4.20.

Chicago.—Spot Navy, Mich. fancy hand-picked \$4.50 per cwt; red kidneys \$9.25.

New York.—Pea, domestic \$4.50@5.25; red kidneys \$8.50@9.25.

Barley

Malting 70c; feeding 65c.

Seeds

Detroit.—Cash red clover at \$21; alsike \$17; timothy \$3.55.

Buckwheat.

Detroit.—Buckwheat \$1.55@1.60.

Hay

Detroit.—No. 1 timothy \$22.50@23; standard \$22@22.50; No. 1 light clover, mixed \$21.50@22; No. 2 timothy \$20@21; No. 1 light clover mixed \$20@21; No. 1 clover \$20@21; wheat and oat straw \$12.50@13; rye straw \$13.50@14.

Feeds

Detroit.—Bran at \$32@33; standard middlings at \$32; fine middlings \$36; cracked corn \$36; coarse cornmeal at \$36; chop \$29 per ton in carlots.

WHEAT

Action of wheat prices has been highly erratic during the past ten days. Speculative buying caused two spurts of strength, which were followed by rapid breaks when cash demand failed to show sustained strength. This behavior indicates that the main trend of prices is still downward. The small supply of wheat left in this country and, particularly, the light stocks in position for delivery on Chicago contracts render the market more or less susceptible to speculative manipulations on the bull side, but it is by no means certain that any sustained campaign of this sort is to be undertaken, as the final outcome might be disastrous.

The fact that the reports on winter wheat are highly favorable is an important element in the situation. It encourages producers to scrape their bins. Also, flour buyers will not purchase ahead because of the much lower prices to be expected in the new crop season, as indicated by the large discounts on the July and September deliveries, compared with cash wheat. The same logic will lead mills to grind their stocks of wheat closely and carry over as little as possible. All such adjustments minimize the effect which the small stocks would tend to have on prices.

RYE

Domestic milling demand for rye has been fairly active at current large discounts in price below wheat, and primary receipts are light. The visible supply has begun to decrease at last. The total remains so large, however, in view of the absence of export demand, that a substantial carryover in commercial channels appears assured.

CORN

Corn prices have dropped to a new low level for the crop year. Receipts in the last month have been below normal for this season of the year in spite of the huge holdings still on farms. Opening of spring work in the south has quickened the demand from that section, but industries remain the principal buyers in the leading markets. The visible supply keeps increasing. The weekly gains have not been large recently, but the total accumulation is one of the largest ever known, starting from practically nothing last November. The opening up

of spring work probably will check sales from farms, but there will still be a fair movement from country elevators to terminals. Foreign demand may broaden during the next month or six weeks until new Argentine corn begins to move. No reason for any material recovery in corn prices is in sight, however.

OATS

The visible supply of oats has decreased each week for the last seven weeks, but it remains excessively large. At the high point of the season on October 3, it was 65,818,000 bushels, and it is still 56,843,000 bushels, nearly six months later. There is no danger of exhaustion of supplies by the end of the crop year. Prices are back to the lowest of the season. This tends to keep down sales from farms, but there is no urgent buying by consumers even at this level.

SEEDS

Demand for sweet clover seed remains exceptionally active, as buyers are attracted by its low cost compared with red clover. Prices have advanced slightly during the winter. Red clover and alsike seed prices seem to be easing, especially on the lower grades. From July 1 to March 15, 16,735,000 pounds of foreign red clover seed, and 8,650,000 pounds of alsike seed were admitted to the United States, an amount equal to over 40 per cent of the entire crop of clover seed in this country. Alfalfa seed demand is better than usual at this season of the year. High prices and an active demand for good seed corn are reported from many sections.

FEEDS

The feed market is rather weak, but offerings of wheat feeds have decreased, and dealers and feed manufacturers who have not bought enough to finish out the season have been purchasing in a small way. Owing to the small hog population and the cheapness of corn, middlings are not selling as readily as bran. Cottonseed meal and linseed meal have steadied at their recent decline, but demand has not increased materially. A high rate of operation of corn industries is reflected in the large supply of corn feeds.

EGGS

Storing of eggs has started on the large markets. Receipts are not excessive for this season of the year, while consumption continues at a high rate. Prices will probably be rather stable during the next 60 days while active storing is in progress. Weather changes have less effect on values than a few weeks back. Poultry prices hold rather firm, as a result of moderate receipts and light stocks in storage. Holdings of frozen poultry in storage on March 1 totaled 95,000,000 pounds, against 130,000,000 pounds a year ago. The United States Department of Agriculture estimates the number of hens and pullets of laying age on farms on January 1, this year, at 4.7 per cent more than a year previous.

Chicago.—Eggs, fresh firsts 26½@27c; extras 34@35c; ordinary firsts at 25½c; miscellaneous 26c; dirties 25@25½c; checks 25@25½c. Live poultry, hens 31c; springers 33c; roosters 21c; ducks 32c; geese 19c; turkeys 48c.

Detroit.—Eggs, fresh candled and graded 27@28c. Live poultry, heavy springers 33@34c; light springers at 28c; heavy hens 32@34c; light hens 30c; geese 22@23c; ducks 36@37c; turkeys 42c.

BUTTER

Butter prices have had a rather sharp decline and are the lowest of the season. Receipts are increasing irregularly from week to week, and are considerably above normal for this season of the year. Consumptive demand is active, but it is inadequate for the liberal fresh arrivals and for the storage stocks which are fully a third larger than the five-year average at this season. Prices may not decline much further in the next month, but they are not likely to advance unless there is an unforeseen reversal in production conditions.

Prices on 92-score creamery were: Chicago 40½c; New York 42c. In Detroit fresh creamery in tubs sells for 40@42c a pound.

POTATOES

Potato prices advanced early in the past week, but weakened slightly in the last few days. Shipments from producing sections showed a sudden gain, and imports from Canada, Cuba

and Bermuda increased. Remaining stocks in Minnesota, Wisconsin and Michigan are said to be light, and northern and western potatoes are being drawn upon to supply the general shortage in the east and south. However, holdings in Pacific Coast cities are two or three times as large as last year. Northern round whites are bringing \$3.90@4.10 per 100 pounds in the Chicago carlot market.

BEANS

The bean market is extremely quiet, as the spurt of buying by canneries has subsided again. C. H. P. whites are quoted at \$4.25 per 100 pounds, f. o. b. Michigan points, although some offerings are held at \$4.30@4.35. The supply still to be sold appears to be ample for prospective needs. In the seven months ending January 31, 1926, 46,300,000 pounds of dried beans were imported, against 41,766,000 pounds a year previous. Exports were 7,384,000 pounds in the same period, against 3,500,000 pounds in the preceding year.

WOOL

Foreign wool markets are firm, with most price changes in favor of sellers. Mills in Great Britain and on the continent seem to have better prospects than in recent months, and are buying rather actively. The selling season in South Africa is over, offerings in South America are decreasing, and Australia has already sold 657,000 bales out of the total of 1,532,000 remaining to be marketed on January 1. Domestic markets continue to drag, with prices a shade lower. Mills are buying in a very listless way, and only taking lots offered at prices below the level justified by world markets. The sales of heavyweight goods remain below normal, although the American Woolen Company reports larger business than in the same period last year. In the west, sales of early shorn Idaho wools at 34 cents, and best fine Arizona wools at 38@40 cents are reported.

GRAND RAPIDS

Onions were sharply higher in Grand Rapids this week, but other commodities were about steady. With the crop about cleaned up growers were receiving \$1.25@1.50 per bushel this week for their yellow globe onions. Other commodities were: Potatoes \$2.25@2.35 bu; carrots 75c@1 bu; parsnips \$1.25@1.50 bu; beets 50c bu; red cabbage \$1.75 bu; apples \$1@2 bu; radishes 50c dozen bunches; leaf lettuce 10c lb; beans \$3.60 per cwt; wheat \$1.55 bu; rye 68c bu; pork 16c; beef 8@13c; veal 15@16c; lamb 22c; poultry, old hens 22@26c.

DETROIT CITY MARKET

The supply of produce was fairly large and buying was of good volume. Leeks and root parsley were only moderate sellers and the call for root crops was not very strong. Prices on potatoes had to be cut to make sales. There was a fair call for apples. The demand for cabbage of all kinds was small and onions were limited sellers. The retail trade took most of the live poultry and eggs offered. Poultry prices held firm, but eggs were a little cheaper.

Apples \$1@3 bu; beets 50c@1 bu; carrots \$1@1.75 bu; cabbage, green, \$1.75@2.25 bu; red \$1.25@1.75 bu; dry onions \$1@1.25 bu; leaf lettuce 90c per 6-lb. bu; root parsley \$4 bu; curly parsley 50c dozen bunches; potatoes \$2.50@2.90 bu; winter radishes 75c bu; round radishes 90c@1.05 dozen bunches; topped turnips 75c@1.50 bu; parsnips \$2@2.50 bu; bagas 75c bu; leeks \$1@1.25 dozen bunches; horse radish \$2.50@4.50 bu; butter 50@65c; honey \$1 per 5-lb. pail; eggs, whole-sale 30c; retail 35@45c; hens, whole-sale 32@35c; retail 35@36c; colored springers, wholesale 33c; retail 35c; Leghorn hens, wholesale 30c; retail 33c; dressed hogs 18c; dressed hens 40c; springers 40c.

COMING LIVE STOCK SALES

Shorthorns.

March 31.—Gotfredson Land Co., Ypsilanti, Mich.

Holsteins.

April 6-7-8-9.—Clark's Holstein Classic, James R. Garver, Madison, Wis.

April 16.—Vernon E. Clough, Parma, Mich.

Live Stock Market Service

Tuesday, March 23.

CHICAGO

Hogs

Receipts 18,000. Market is uneven; heavy butchers steady to strong; the lighter weights are slow; steady to weak; big packers bidding 10c lower; bulk 240-350 weight butchers \$11.20@12.10; better 200-225 average, largely \$12.50@13.10; bulk good 180 weight down \$13.25@13.50; 140-160 weight at \$13.75; packing sows at \$10.20@10.60; sorted killing pigs \$13.75@14.

Cattle.

Receipts 14,000. Market generally steady to strong on fat steers; best medium weight \$7.50; early; some are held higher; liberal sprinkling of good offerings are held; large and medium weight selling best; she stock steady; bulk dairy bred canners and cutters steady at \$4.25@4.55; vealers uneven; mostly \$11.50@12.50 to packers; few \$13 to outsiders.

Sheep and Lambs.

Receipts 20,000. Market on desirable light and handy weight lambs is fairly active; generally steady; \$14@14.25; others slow; practically no shearing lambs on sale; few sales odd lots fat ewes \$8@8.75.

DETROIT

Cattle.

Receipts 550. Market slow on heavy coarse steers; steady on others. Good to choice yearlings, dry-fed \$ 9.50@10.50 Best heavy steers, dry-fed 9.00@ 9.50 Handy weight butchers 7.25@ 9.25 Mixed steers and heifers 7.50@ 8.50 Handy light butchers 6.25@ 7.50 Light butchers 6.00@ 6.25 Best cows 6.25@ 7.00 Butcher cows 4.75@ 5.75 Common cows 4.00@ 4.50 Canners 3.00@ 4.00 Stock bulls 5.50@ 6.50

Choice bulls 5.00@ 6.50 Heavy bologna bulls 4.50@ 6.00 Feeders 6.50@ 7.75 Stockers 6.00@ 7.25 Milkers and springers \$45.00@75.00

Veal Calves.

Receipts 558. Market strong. Best \$15.50@16.00 Others 3.50@15.00

Sheep and Lambs.

Receipts 738. Markt strong; lambs dull. Best \$13.75@14.00 Fair lambs 12.50@13.00 Light and common 10.00@11.75 Fair and good sheep 7.00@ 8.50 Culls and common 3.00@ 4.50

Hogs.

Receipts 1,214. Market 25c lower on heavy; others steady. Mixed grades \$ 13.75 Roughs 10.50 Pigs and lights 13.75@14.00 Stags 7.50 Yorkers and lights 14.25 Heavies 11.50@12.00

BUFFALO

Hogs

Receipts 4,060. Market strong to 10c higher; heavy \$12@12.75; medium at \$13@13.85; light weight \$13.75@14.25; light lights and pigs \$14.50; packing sows and roughs \$10.25@10.75.

Cattle.

Receipts 175. The market is steady; steers 1100 lbs. up \$8.50@10; 1100 lbs. down \$6.50@9.50; yearlings \$11; heifers \$5.50@8; cows \$5@7.25; bulls at \$5@7.

Sheep and Lambs.

Receipts 1,000. Best lambs at \$14.50; culls at \$13.50 down; clipped lambs \$12; yearlings \$12@12.25; aged wethers \$9.50@10; ewes \$8@9.

Calves.

Receipts 300. Top \$15.50; culls \$12.

GIVE COOPERATIVES CHANCE ON EXCHANGES.

The Capper bill to prevent discrimination against farmers' cooperative marketing associations by boards of trade and similar organizations, has been reported favorably by the senate committee on agriculture. Hearings on this bill developed the information that farmers' grain marketing cooperatives are denied membership in these trade organizations unless they eliminate the patronage dividend feature, which was said to be the life of grain cooperatives.

AMERICAN FRUIT POORLY PACKED.

The representative of the United States Department of Agriculture in London, reports that the British fruit markets have been generally disappointing since the first of the year. Many Baldwins and Ben Davis from New York and New England have been heavily discounted because of the great amounts of poor fruit offered. Much of the fruit was not only in bad condition, but of inferior quality to begin with—too small and poor in color and appearance. Much stuff has been sent over that would only serve to injure the trade. It is evident that there is need for rigid grading and packing regulations that will tend to keep such inferior fruit off the foreign markets.

President Coolidge says, "If we are to flourish as a people and individuals, we must neither wastefully hoard nor wastefully exploit, but skillfully em-

ploy and renew the resources that nature has entrusted to us. America's forest problem essentially is a problem involving the wise use of land that can and should produce crops of timber."

COUNTY CROP REPORTS.

Newaygo Co., March 15.—There promises to be a large acreage of potatoes in this section, which is the usual mistake farmers make after a short crop. Rough feeds are scarce, but prices are not too high. Loose hay is selling at \$15@20 per ton. There is still a good deal of snow and cold weather continues. Butter, eggs, and cream are the chief products being marketed in this section.—A. R. A.

Cheboygan Co., March 15.—Weather has been very cold the last few weeks. Snow is about two feet deep on the level. Most farmers are preparing for the coming season's work. Feed is scarce, and milch cows are not too plentiful. Stock is in fair shape. Hay is bringing \$18 per ton; potatoes at \$1.75; oats 40c; wheat \$1.65; butter 45c; eggs 30c.—E. J. P.

Shiawassee Co., March 16.—There is not much doing on the farm at this time. There is too much snow on the ground. But little produce is being marketed on account of road conditions. Beans are too low in price to encourage marketing. Stock is in average condition, and farmers appear to have plenty of feed. Auction sales are numerous. Elevator men are complaining.—C. E. G.

Kalkaska Co., March 19.—The snow is about two and one-half feet deep on the level, and is drifted badly. Feed is scarce. About the usual number of cattle are being wintered through. They are in good condition. Eggs are bringing 30c; butter 45c; cream 46c. Hogs are scarce, as are also young cattle. There was some fall plowing done last fall. Potatoes are bringing \$2.00 per bushel.—C. W.

1000 WELL-ROOTED GRAPE PLANTS. \$22. Strawberry plants, \$2.50; Gibsons \$3.50; Premiers \$4.00; 100 Dunlaps 60c; 1000 Champion Everbearing \$7.50; 200 \$2.00. 50 Mastodon Everbearing \$5.00. 15 Concord Grape plants \$1.00. 100 Black or Raspberry plants \$2.00. 36 Flowering Gladioli Bulbs \$1.00. Catalog Free. Box 304, Westhouser's Nurseries, Sawyer, Michigan.

FROST-PROOF CABBAGE, ONIONS, ALSO TOMATOES.—Leading varieties. Immediate shipment. Strong, hardy plants, 100, 40c; 500, \$1.10; 1,000, \$2.00. Postpaid. Express collect, 5,000, \$6.25; 10,000, \$12. Pepper, 100, 50c; 1,000, \$2.50. Postpaid. East Texas Plant Co., Potts, Texas.

VIGOROUS, NEW-LAND STRAWBERRY PLANTS.—famous varieties, guaranteed: 50 Dunlap (early), 50 Gibson (midseason), \$1.50; Gibson, 50 Burrill (new), 25 Cooper (big), 25 Eaton (late), 2 Mastodon (new plant everbearing), \$2. Postpaid. Keith Bros. Nursery, Box Q-4, Sawyer, Mich.

FROST-PROOF CABBAGE PLANTS.—leading varieties. Onion, Beet, Lettuce. Postpaid, 100, 30c; 500, 75c; 500, \$1.00; 1,000, \$1.50. Not prepaid, 5,000, \$4.50; 10,000, \$8.00. Satisfaction guaranteed. D. F. Jamison, Summerville, S. C.

SEED CORN.—90-day Yellow, 93-day White; Reid's Yellow Dent. Developed from International Winning Corn, tested and ready to plant, \$3.50 per bushel. Chester Fowler, Seed Corn Specialists, Crawfordville, Ind.

NEW ALBONIA sweet clover, just out from Wisconsin Experiment Station. Wonderful for pasture and hay. New pedigree barley. Four new leaders in oats. Red clover, timothy, alfalfa seeds. Write for circular. H. E. Krueger, Beaver Dam, Wis.

SEED POTATOES.—Petoskey Russet Rurals, No. 2. 1 to 1.7-8 inches diameter. From certified potatoes. Grown on virgin soil. The best seed to buy for table stock production, act promptly. C. W. Hedlin, Elmira, Antrim Co., Mich.

CERTIFIED SEED GRAIN. from latest improved strains of highest yielding varieties under Michigan conditions. Wolverine oats, Robust beans. 1926 seed circular yours on request. A. B. Cook, Owosso, Mich.

ASPARAGUS ROOTS.—Plant some for home garden or commercial field. Washington and other varieties. Write for descriptive price list. J. C. Dunham, Lawton, Mich.

COPENHAGEN CABBAGE PLANTS. \$1.00, 1000; Large open field-grown. Prompt shipment. Quiltman Plant Co., Quiltman, Ga.

MILLIONS. Cabbage, Tomato and Onion Plants, \$1.000. Catalogue free. Clark Plant Co., Thomasville, Georgia.

SEED CORN.—1925—90-day Yellow Dent. M. S. C. Test 87%. \$3.00 per bu. Bags furnished. C. W. Ettinger, R. No. 1, Dearborn, Mich.

ASSORTED COLORS GLADIOLA BULBS.—60 large, or 125 flowering size, \$1.00 postpaid. Martha Osmond, Fostoria, Mich.

ASPARAGUS.—Washington Rust-proof. Good sturdy roots, \$1.25 hundred; \$9.00 thousand. Prepaid. Kennel's, Sadsburyville, Pa.

GOLDEN YELLOW SEED CORN.—Tests 94-97%. Hand husked and air dried in crib. Write, Geo. W. Needham, Saline, Mich.

CERTIFIED. Robust seed beans. Purity 99%. Germination 99%. Tested December, 1925. Wm. Schweitzer, R. No. 3, Bay City, Mich.

GLADIOLUS BULBS.—100 for \$1.00. Price list free. Colvin's Glad Gardens, Berrien Springs, Michigan.

CERTIFIED WOLVERINE OATS.—Michigan's leading variety. C. D. Finkbeiner, Clinton, Mich.

RAISE HULLERS OATS.—the best yet. Fine for poultry. Sample free. H. Weider, Fennville, Mich.

FANCY DAHLIA BULBS.—Seven different colors for \$1.00. Prepaid. Jacob Dekker, Bridgman, Mich.

CERTIFIED Wisconsin pedigree barley, improved robust beans. Fritz Mantey, Fairgrove, Mich.

PET STOCK

SELECT YOUR SILVER AND BLACK FOXES from Fur Bred Strains, Raccoon, Mink and Muskrats. We can start and stock your fur farm. Booking orders now for fall delivery. Levering Fur Farm, Levering, Mich.

FOR SALE.—Pedigreed German Police Puppies, sired by our imported Stud dog, \$20 each. Also young registered brood matron. E. A. Black, Howard City, Mich.

FOXES—BLUE AND SILVERS.—Special offer. Booklet and Plans Free. Bank References twenty years. Cleary Bros. Fox Farms, Seattle, Washington.

BELGIAN HARES.—Pedigreed, \$2.50 each and up. Satisfaction Guaranteed. Geo. Duffrin, Stephenson, Mich.

PEDIGREED POLICE PUPS.—Males, seven mos. old, \$15 each. Homestead Kennels, Saranac, Mich.

TOBACCO

HOMESPUN TOBACCO: Chewing, five lb., \$1.50; ten, \$2.50; smoking, five lb., \$1.25; ten, \$2; cigars, \$2 for 50, guaranteed. Pay when received, pipe free. Roy Carlton, Maxons Mills, Kentucky.

HOMESPUN TOBACCO GUARANTEED.—Chewing, five pounds, \$1.50; ten, \$2.50. Smoking, ten, \$1.50. Pipe free; pay when received. United Farmers, Bardwell, Kentucky.

KENTUCKY NATURAL LEAF SMOKING TOBACCO.—5 pounds \$2.00; 10 pounds \$3.50; cash with order. Postage prepaid. Tobacco Club, Mayfield, Ky.

HOMESPUN CHEWING or smoking tobacco: 5 lb., \$1.25; ten, \$2; twenty, \$3.50. Satisfaction guaranteed. United Farmers of Kentucky, Paducah, Ky.

TOBACCO.—red, rich and mellow, chewing, 5 lbs., \$1.75; 10 lbs., \$3.50. Smoking, 5 lbs., \$1.25; 10 lbs., \$2.40. Collect. Palmer & Dyer, Sedalia, Ky.

POULTRY

CHOICE GEESSE.—Ducks, Guineas, Embden, African, Toulouse, White China Geese, \$4.00 each; Brown China, \$3.50 each. Eggs 35 cents each. Ducks, Rouen, Buff, Pekin, Cobart, Muscovy, White Muscovy, White Runners, \$2.50 each; eggs \$1.75 per setting. Pearl Guineas, White Guineas, \$1.50 each; eggs \$1.25. Parcel post prepaid on eggs. Cedar Lawn Poultry Farm, Wapakoneta, Ohio.

HATCHING EGGS from R. C. Rhode Island Reds. Heavy winter layers, carefully culled, \$1.75 per 15, \$3 per 100. State Demonstration Farm, Ralph Aldre, R. No. 2, Bear Lake, Mich.

WE PAY MORE for poultry, eggs and veal. A trial shipment will convince you. East Coast Poultry Co., Eastern Market, Detroit, Mich.

IMPERIAL Ringlet Barred Rock Eggs from a State Accredited flock, \$6.00 per hundred. Robert Martin, Woodland, Mich.

BARRED FLYMOUTH ROCK EGGS for hatching, from our heavy laying strain, \$2.00 per 15, \$5.00 per 50, \$9.00 per 100. F. E. Fogle, Okemos, Mich.

JERSEY BLACK GIANT EGGS.—From Bennett's Black Beauty's. Eva Bennett, Rockford, Mich.

WHITE ORPINGTONS.—Eggs \$0, postpaid. M. Thompson, R. 10, Box 92, Detroit, Mich.

CHOICE WHITE ROCK HATCHING EGGS. Tom Lennon, R. 2, Three Rivers, Mich.

PURE TOULOUSE GEESSE EGGS.—ten for \$4.75. Loyd Southworth, Allen, Mich.

BABY CHICKS

BABY CHICKS from superior quality, heavy laying stock. We have one of the largest and oldest hatcheries in the Middle West. 25 years' experience in mating, breeding and hatching standard-bred poultry. 100% live arrival. Prepaid. Every chick guaranteed. Catalog free. Loup Valley Hatchery, Box 340, St. Paul, Nebr.

QUEEN ACCREDITED CHICKS.—Officially approved by the State of Michigan, every breeder passed by State Inspectors, and every male banded by Inspectors. Our accredited Leghorns represent 12 years of careful breeding. Tanager, Hollywood, S. C. White Leghorns, Browns, R. L. Reds. Ask for price and circular free. Queen Hatchery, Zeeland, Mich.

SPECIAL SALE.—We are now booking orders for our special sale which starts May 22nd. Send for our very instructive catalogue and this special price list today, and get your chicks on time this year. State Accredited, 100% live delivery, and satisfaction guaranteed. Brummer & Frederickson Poultry Farms, Holland, Mich.

CHICKS.—Folks, buy the best. Book order without remittance. Prices, S. C. W. Leghorns, 12c each; B. Rocks and R. I. Reds, 14c each. 1000 lot 1c less each, all delivered 100%. We are near you and will please you with strong stock. Book order, we will ship on date wanted. Merrill Hatchery, Merrill, Mich.

WHITE LEGHORN CHICKS from big white eggs. Shipped anywhere C. O. D. Guaranteed to live. Low prepaid prices. Egg contest winners for years. Trap-nested, pedigree foundation stock. Hundreds of cockerels, pullets and hens. Get our price list. Catalog free. Geo. B. Ferris, 634 Union, Grand Rapids, Michigan.

ACCREDITED CHICKS.—Low Prices. Leading varieties. From flocks officially endorsed for high average egg production. Foremost egg strains. Live delivery. Catalog Free. Smith Brothers Hatcheries, Box 119, Mexico, Missouri.

BRED TO LAY.—Barred Rocks and Pure Hanson White Leghorn chicks and eggs. Stock blood tested three years. Catalogue free. Michigan Accredited. Aseltine Poultry Farm, 1827 Belden Ave., Grand Rapids, Mich.

ENG. W. LEG. CHICKS.—direct from our M. A. C. Demonstration Farm flock. All chicks sold until May 15. Prices after May 15th, \$47.50 for 500, \$90 for 1000. Live delivery guaranteed. Circular free. Model Poultry Farm, R. 4, Zeeland, Mich.

BABY CHICKS from stock all newly blood-tested for Bacillary White Diarrhea. Third year blood-testing. Eight popular breeds. Hatchery State Accredited. Catalog and price list ready. Pierce Hatchery, Jerome, Mich.

BABY CHICKS.—White Leghorns, \$10 per 100; White Rocks, R. I. Reds and Barred Plymouth Rocks, \$12 per 100, prepaid by parcel post. Snowflake Poultry Farm & Hatchery, R. 5, Middleville, Mich. L. Van-Schie, Proprietor.

SELECTED CHICKS from flocks subjected to most rigid tests for standard production and health. Twelve leading breeds at living prices. 80% of old customers re-order. Free catalog. Litchfield Hatchery, Litchfield, Mich.

BABY CHICKS.—Eleven varieties, from free range culled and inspected flocks. Liberal discounts in large numbers. Send for circular and price list. Established 1910. Sheppard Poultry Farm, Litchfield, Mich.

STURDY CHICKS.—Blood tested for Bacillary White Diarrhea, also State Accredited. Leghorns, Rocks, Reds, and White Wyandottes. Sunnybrook Poultry Farm, Hillsdale, Mich.

WHITTAKER'S TRAPNESTED RHODE ISLAND REDS.—Both Combs, Michigan State Accredited. Blood-tested, Michigan's Greatest color and egg strain. Chicks and Eggs. Sixteenth Annual Catalog Free. Interlakes Farm, Box 9, Lawrence, Mich.

CHICKS—BARRED ROCKS—EGGS.—Official records back of them 207-293. Winners, laying contests and shows. State Accredited. Good color. Lots of eggs. G. Caball, Hudsonville, Mich.

PURE-BRED CHICKS from State Accredited Stock. Fourteen varieties. Poultry Manual. Stouffer Egg Farms, Route 28, Mount Morris, Illinois.

BABY CHICKS AND EGGS.—Superior Ringlet Barred Rocks, Rose Comb Reds, White Leghorns. Catalog. Wyndham's Ideal Poultry Yards, Tiffin, Ohio.

S. C. BUFF LEGHORN BABY CHICKS from State Accredited Stock. Send for circular. J. W. Webster, Bath, Mich.

CHICKS.—State Accredited English White Leghorns. Barred Rocks and Buff Minorcas. Circular. Hillside Hatchery, R. 3, Holland, Mich.

RICHARDSON'S Rocky Ridge Barred Rock Chicks, \$15 per 100. Stock blood tested second time for Bacillary White Diarrhea. Hanover, Mich.

TURKEYS

TURKEY EGGS.—all breeds. Strictly pure-bred. Booking orders for early spring delivery. Eastern Ohio Poultry Farm, Beallsville, Ohio.

FOR BRONZE TURKEYS.—Toulouse Geese, write 31, B. Noble, Saline, Mich.

SITUATIONS WANTED

SINGLE MAN WANTS WORK on poultry farm. Address Joan Dermates, 2252 24th St., Detroit, Mich.

HELP WANTED

WANTED.—Single man who understands tractors and farm machinery and general farm work. Wages \$75 per month and board. State age and experience. Huron Farms Company, Edison Bldg., Ann Arbor, Mich.

AGENTS WANTED

\$60 PER WEEK AND EXPENSES.—Sell balanced rations for dairy cows to feeders and dealers in your home district. Must own car. Must be willing work or convincing talker, and experienced in dealing with farmers. Chance for quick promotion to district manager. Previous experience in selling feed unnecessary. We are nationally known concern, operating large mills. Our feed extensively advertised. Name reference, state age and previous work when writing. Address "Feed Manufacturer," care Michigan Farmer, Detroit, Mich.

AGENTS.—Our New Household Cleaning Device washes and dries windows, sweeps, cleans walls, scrubs floors. Costs less than brooms. Over half profit. Write Harper Brush Works, 173 3rd St., Fairfield, Iowa.

WE PAY \$200 MONTHLY SALARY, furnish car and expenses to introduce our guaranteed poultry and stock powders, cleaner, etc. Bigler Company X 683, Springfield, Illinois.

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.

Rates 6 cents a word, each insertion, on orders for less than four insertions; for four or more consecutive insertions 5 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.

One	Four	One	Four
10.....\$0.80	\$2.40	26.....\$2.08	\$6.24
11......98	2.64	27.....2.16	6.48
12......96	2.88	28.....2.24	6.72
13.....1.04	3.12	29.....2.32	6.96
14.....1.12	3.36	30.....2.40	7.20
15.....1.20	3.60	31.....2.48	7.44
16.....1.28	3.84	32.....2.56	7.68
17.....1.36	4.08	33.....2.64	7.92
18.....1.44	4.32	34.....2.72	8.16
19.....1.52	4.56	35.....2.80	8.40
20.....1.60	4.80	36.....2.88	8.64
21.....1.68	5.04	37.....2.96	8.88
22.....1.76	5.28	38.....3.04	9.12
23.....1.84	5.52	39.....3.12	9.36
24.....1.92	5.76	40.....3.20	9.60
25.....2.00	6.00	41.....3.28	9.84

HAY AND STRAW

ALFALFA and all kinds hay. Ask for delivered prices. Harry D. Gates Company, Jackson, Michigan.

MISCELLANEOUS

WE ARE IN A POSITION to supply you with good second-hand egg crates, including fillers and cover, complete for shipping, at the following rates: Car-load lots, 15c each, less than carload lots 18c each. This is the 30-dozen size case. Also have fillers and flats for sale. William Spitz & Sons, 2045 Chene St., Detroit, Mich.

WANTED TO LEASE.—CHEESE FACTORY in northern dairy district, by experienced operator. Details and terms. T. C. Wisterman, 771 Richie Ave., Lima, Ohio.

CEDAR FENCE POSTS. 8 ft., 4 to 5 inches at top, any quantity, 15 cents, our Northland yard. Barnes Wire Fence Company, 10871 Northland Ave., Detroit, Mich.

MARL.—MARL.—We do contract digging and sell marl digging machinery, featuring the Musselman Bucket. Pioneer Marl Co., East Lansing, Mich.

FOR SALE.—Small ear cull beans for feeding purposes, \$15 ton, sacks included. F. O. B. Pierson, Pierson Elevator Co., Pierson, Mich.

CEDAR POSTS, direct from forest to user. Ask for delivered price. E. Doty, Atlanta, Mich.

FOR SALE.—Newcomb Automatic Loom. Mrs. J. A. Craig, Stockbridge, Mich.

SEEDS AND NURSERY STOCK

CABBAGE PLANTS.—My frost-proof cabbage plants will mature hard heads three weeks earlier than your home-grown plants. Varieties: Copenhagen Market, Wakefields, Succession and Flat Dutch. Prices by parcel post, 500 for \$1.25; 1000 for \$2.25, postpaid. By express, 1000 to 4000 at \$1.50 per 1000; 5000 to 9000 at \$1.25 per 1000; 10,000 and over at \$1.00 per 1000. Order now. Prompt shipments, first class plants. P. D. Fulwood, Tifton, Ga.

FAIRGROVE ASSOCIATED SEED GROWERS.—Growers of Certified and Registered Seeds. Worthy Oats, Wisconsin Pedigree Barley, American Banner Wheat, Pickett Yellow Dent Corn, Improved Robust Beans. Inspected and certified by the Michigan Crop Improvement Association. Grown in Tuscola County, "The Heart of the Thumb." For information write W. R. Kirk, Secretary, Fairgrove, Mich.

REGISTERED AND CERTIFIED seed corn and oats. Clement's white cap yellow dent, and Duncan's yellow dent. Fire-dried, on racks, air-tested and germination guaranteed. From high-yielding stock. Registered and Certified Worthy oats, a stiff straw and high-yielding variety, developed by the Michigan State College. All seeds grown under inspection of the Michigan Crop Improvement Association. Michigan's largest producer of seed corn. Paul C. Clement, Britton, Michigan.

FROST PROOF CABBAGE AND ONION PLANTS.—Varieties Charleston and Jersey Wakefields, Succession, Flat Dutch and Copenhagen Market. Prices, parcel postpaid, 250, \$1.00; 500, \$1.50; 1,000, \$2.50. Express collect, 1,000, \$1.50; 5,000, \$1.25 per 1,000; 10,000 and over, \$1.00 per 1,000. We guarantee to ship promptly a good-sized plant that will please you. Tifton Potato Company, Inc., Tifton, Ga.

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.

REAL ESTATE

FOR SALE.—40 Acres, all cleared and fenced and cross-fenced, 4 miles from city on gravel road. Has a fine 2-story cement block house, large round roof barn, stone milk house, cement block garage, stone chicken house. This farm priced at \$3,200, which would not build the buildings. \$1,200 down, the balance on Federal mortgage payable \$70 twice a year. This payment twice a year, if nothing more is paid, will give you 30 years to pay off interest and principal. If you are tired of city life and want a beautiful home, come and see this. This ad. will not appear again. Address, James S. Bicknell, Clare, Mich.

SNOW, ICE AND A LONG, cold winter saps the energy of the northern farmer, while down south cattle are grazing, the farmers are planting strawberries, potatoes and truck crops, which will be sold on early high-priced markets before the northern spring begins. Why not move to the country where farming pays? No hard winters, expensive living, nor fuel bills. Fine old farm, \$40 per acre. Rich virgin land, \$20 an acre. For full information and how to save \$1,000 in buying a farm, write W. E. Price, General Immigration Agent, Room 674, Southern Railway System, Washington, D. C.

BEAUTIFUL RIVER-BORDERED FARM.—2 Sets Bldgs; Horses and 4 cattle, 75 chickens, farm tools, crops included to settle quickly; 146 acres near school, handy busy town; big level fields for money-making crops; 15-cow spring watered pasture, estimated 1000 cds. wood, variety fruit; new 6-room stucco house, 5-room house, 60 and 80-ft. barns, double garage, granary, etc. Only \$3,850 for all, part cash. Details on 56 big new illus. Catalog farm bargains Free. Strout Agency, 205-BC Kresge Bldg., Detroit, Mich.

80 ACRES EQUIPPED.—Splendid team, good cow, 30 fowls, all farming tools, 13 acres alfalfa, 18 acres woodland, plenty of fruit, good buildings, good soil, \$4,000. Terms. Free illustrated catalog. C. C. Otis, "The Farm-Bargain Man," Plainwell, Mich.

OCEANA COUNTY FARMS.—fruit, stock, poultry, and general farms, any size, prices and terms to suit. Write for list. Chas. T. Schmieding, R. No. 4, Shelby, Mich.

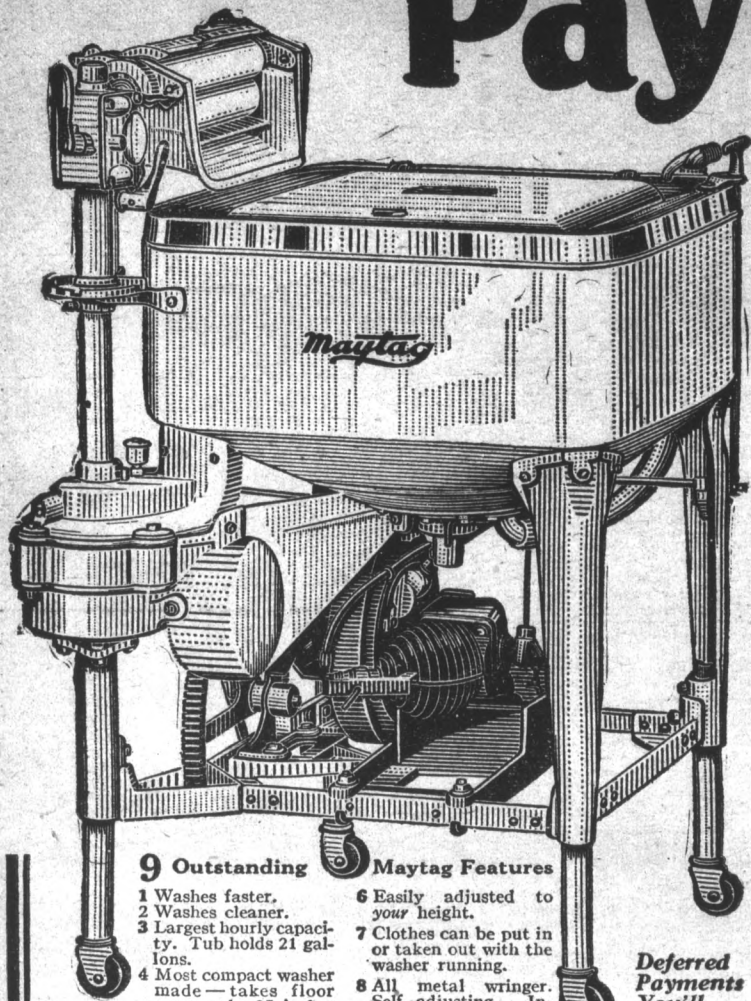
80 ACRES.—Productive hardwood soil. Good buildings. \$2,800. Terms. D. W. Stafford, Box 202, Saginaw, West Side, Michigan.

WANTED FARMS

WANTED.—To hear from owner of farm for sale for spring delivery. O. Hawley, Baldwin, Wis.

Pay no money

till you WASH WITH IT



9 Outstanding Maytag Features

- 1 Washes faster.
- 2 Washes cleaner.
- 3 Largest hourly capacity. Tub holds 21 gallons.
- 4 Most compact washer made—takes floor space only 25 inches square.
- 5 Cast aluminum tub—can't warp, rot, swell, split nor corrode—cleans itself.
- 6 Easily adjusted to your height.
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- 8 All metal wringer. Self adjusting. Instant tension release.
- 9 Electric motor for wired homes—Gasoline motor where no electricity is available.

9 Reasons for World Leadership

Deferred Payments You'll Never Miss

Ask any Maytag dealer to send you without cost or obligation, a Maytag Aluminum Multi-Motor Washer. Then gather the biggest washing you can find, and watch the Maytag wash a big tub of clothes in 3 to 7 minutes. Test it on everything—fine silks, laces and linen, on rag rugs, blankets, on grimy, greasy overalls and work-clothes. The new and different gyra-foam action of the Maytag washes them all clean, even collars, cuffs and wristbands, without hand-rubbing.

In-Built Gasoline Multi-Motor or Electric Motor

The In-Built Gasoline Maytag Multi-Motor is a powerful, smooth-running, dependable gasoline engine. Starts with a turn of the foot lever and does a

big farm washing with a few cents worth of gasoline.

For homes with electricity, the Maytag is built with an electric motor

FREE TRIAL for a Whole Week's Wash

In no other way can you fully appreciate the marvelous speed, the large capacity, the extreme handiness, simplicity and safety of the Maytag. You must actually use the all-metal, automatic-adjusting, instant tension-release

wringer. You must see the cast aluminum, self-cleaning tub that can't rust, rot, split, warp nor corrode. Observe all of the nine outstanding Maytag features. Arrange to do your next washing in a Maytag—no cost, no obligation.

THE MAYTAG COMPANY, Newton, Iowa

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

Call one of the authorized Maytag dealers listed below:

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Alabaster		D. E. Christenson
Albion		Albion Maytag Co.
Allegan		Vos Electric Co.
Alma		Earl C. Clapp
Almont		Acre Hdwe. Co.
Almont		Pollard Hdwe.
Alpena		All Star Shoppe
Ann Arbor		Ann Arbor Maytag Co.
	214 E Washington, Phone 3732	
Bad Axe		Slack Bros.
Bangor		J. G. Miller
Battle Creek		Battle Creek Maytag Co.
	906 No. Washington Ave.	
Beaverton		A. T. Brown, Jr.
Belding		Brown-Hall Co.
Bellevue		Will C. Dyer
Benton Harbor		Cutler & Downing
Big Rapids		J. R. Bennett & Son
Birmingham		Hawthorne Electric Co.
Britton		Alexander Gibson
Burnips		John Hoeksema
Cadillac		Webber-Ashworth Co.
Caledonia		Wegner & Clemens
Capac		Capac Maytag Co.
Carleton		E. W. Hartsig
Caro		Fred J. Purdy
Carson City		Community Power Co.
Caseville		L. R. Thomas
Cedar Springs		John Buecus
Centerline		Rinke Hdwe. Co.
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Clare		Clare Hdwe. & Implt. Co.
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Coopersville		Durham Hdwe. Co.
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Crystal Falls		L. A. Henry
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Deckerville		Stoutenburg & Wilson
Dundee		Cauchie & Gray
Eaton Rapids		Bromeling & Pettit
Edmore		Edmore H. and I. Co.
Elkton		Elkton Hdwe. Co.

Town	Michigan	Dealer
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Escanaba		Escanaba Maytag Store
		"Buckeye Branch"
Fairchild		Fairchild Gen. Store
Farmington		N. J. Eisenlord & Son
Flat Rock		M. F. Keenan
Flushing		James B. French
Fennville		Dickinson Bros.
Flint		Doty-Salisbury Co.
Fowlerville		Will Sidell & Son
Frankenmuth		A. Neuchterlein
Fraser		Arthur H. Schneider
Fremont		Henry VonTatenhove
Gladstone		Buckeye Store
Grand Haven		Grand Haven Maytag Co.
Grand Rapids		Grand Rapids Maytag Co.
Greenville		Brown-Hall Co.
Halfway		Reins Gen. Store
Hamilton		Harry J. Lampen
Harbor Beach		Robert Allison
Hart		R. J. Wietzke
Hartford		J. W. Walker
Hastings		Miller Furniture Co.
Hemlock		J. E. Fuller
Hermansville		Wendt & Bartl
Hillsdale		Hillsdale Maytag Co.
	34 W. Bacon, Phone 893.	
Holland		DeVries & Dornbos
Howell		Charles H. Sutton
Hudson		H. T. Dillon & Co.
Ida		N. A. Weipert and Sons
Ionia		N. J. Spaulding
Iron Mountain		Rundle Hdwe. Co.
Iron River		Iron Range Lt. & Pr. Co.
Ironwood		Maytag Sales Co.
Ishpeming		William Leininger
Jackson		Jackson Maytag Co.
	1001 E Michigan.	
	Phone—Irving 39.	

Town	Michigan	Dealer
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Lake Linden		Pearce H. & F. Co.
Lakeview		G. E. Wood
L'Anse		Baraga County Hdwe. Co.
Lansing		Lansing Maytag Co.
Lapeer		Lapeer Hdwe. Co.
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Linden		M. W. Johnson
Ludington		Palm Furniture Co.
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Marine City		A. A. Bachler
Marquette		Kelly Hdwe. Co.
Maybee		C. & G. Hochradel
Midland		H. C. Eastman
Midland		Maytag Multi-Motor Sales Co.
Milan		Geddis & Norcross
Milford		Reid Hdwe. Co.
Millington		Fred B. Wills & Co.
Minden City		Frank E. Mahon
Mio		Orvin Kurtz
Monroe		Monroe Maytag Co.
	110 E Front St. Phone 533.	
Mt. Clemens		Mt. Clemens Maytag Co.
Mt. Pleasant		Mt. Pleasant H. & F. Co.
Munising		Munising Hdwe. Co.
Muskegon		N. G. Vanderlinde
Nahma		Bay Denoquet Co.
Nashville		Fred K. Bullis
Niles		Hamilton & Anderson
North Branch		Dan'l Orr & Sons
Onsted		Glancy Bros.
Ontonagon		Pearce Hdwe. & Furn. Co.
Orion		Martin B. Hallsted
Orleans		A. L. Sherwood Co.
Otisville		Parker Hdwe. Co.
Otsego		The Jones Hdwe.

Town	Michigan	Dealer
Ovid		Marshall & Olson
Owosso		Pray & Stephens
Paw Paw		H. C. Waters & Co.
Petoskey		A. Fochtman Dept. Store
Pigeon		E. Paul & Son
Plainwell		Plainwell Maytag Co.
Plymouth		Conner Hdwe. Co.
Pontiac		Pontiac Maytag Co.
	90 Saginaw, Phone 1582.	
Port Huron		Port Huron Maytag Co.
Port Huron		W. P. Smith Hdwe. Co.
Prairieville		F. J. Hughes
Reed City		Sam T. Johnson
Reese		S. S. Burrill
Remus		E. A. Walch
Richmond		C. W. Beler
Riverdale		R. E. Moblo & Co.
Rochester		Geo. Burr Hdwe.
Roseville		Roseville Hdwe. Co.
Royal Oak		Lawson Lumber & Coal Co.
St. Johns		St. Johns Electric Shop
Saginaw		Saginaw Maytag Co.
Sandusky		Otis Hdwe. Co.
Sault Sainte Marie		Cowell & Burns
Sebewaing		John C. Liken
Shelby		A. J. Rankin
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Smiths Creek		H. Neal & Son
S. Haven		Mersons Furn. & Music Store
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Sturgis		Frobes Maytag Co.
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Tecumseh		Baldwin Hdwe. Co.
Temperance		R. W. Brunt
Traverse City		Wilson Furniture Co.
Trenton		Trenton Hdwe. Co.
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Waltz		Kryzszky Brothers
Warren		Fred Lutz
Watersmeet		Iron Range Lt. & Pr. Co.
Watervliet		O. E. Austin
Wayne		John J. Orr
West Branch		E. H. McGowan
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Whitehall		W. C. Snyder
Woodland		Daniel B. Green
Ypsilanti		Shaefer Hdwe. Co.

Maytag

Aluminum Washer

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