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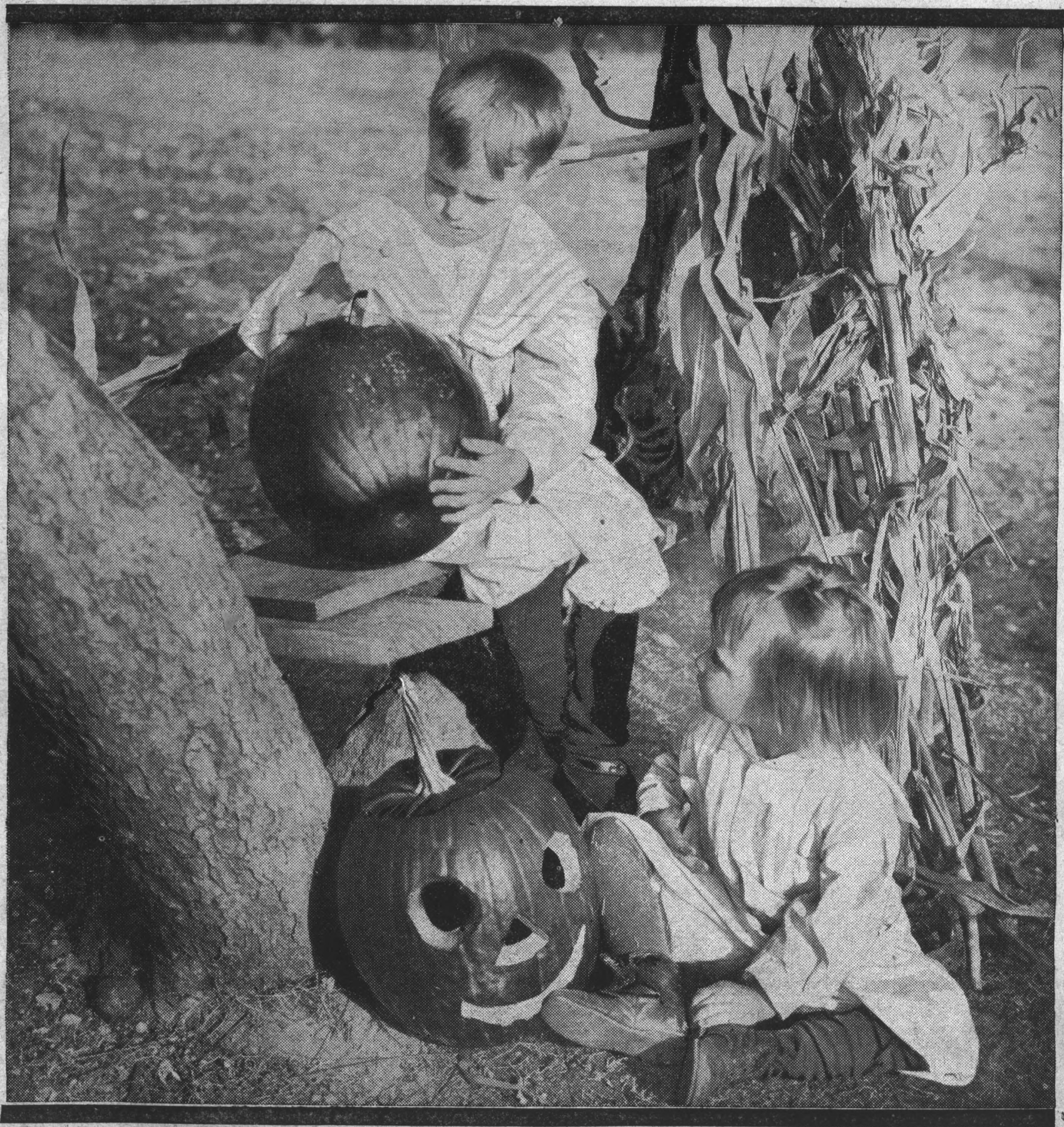
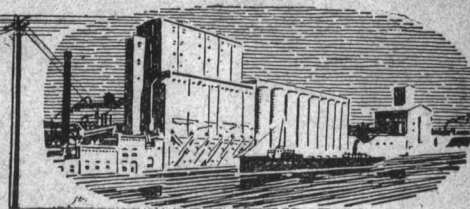
The Michigan

OCTOBER 22, 1927

BUSINESS FARMER



*An Independent
Farm Magazine Owned and
Edited in Michigan*

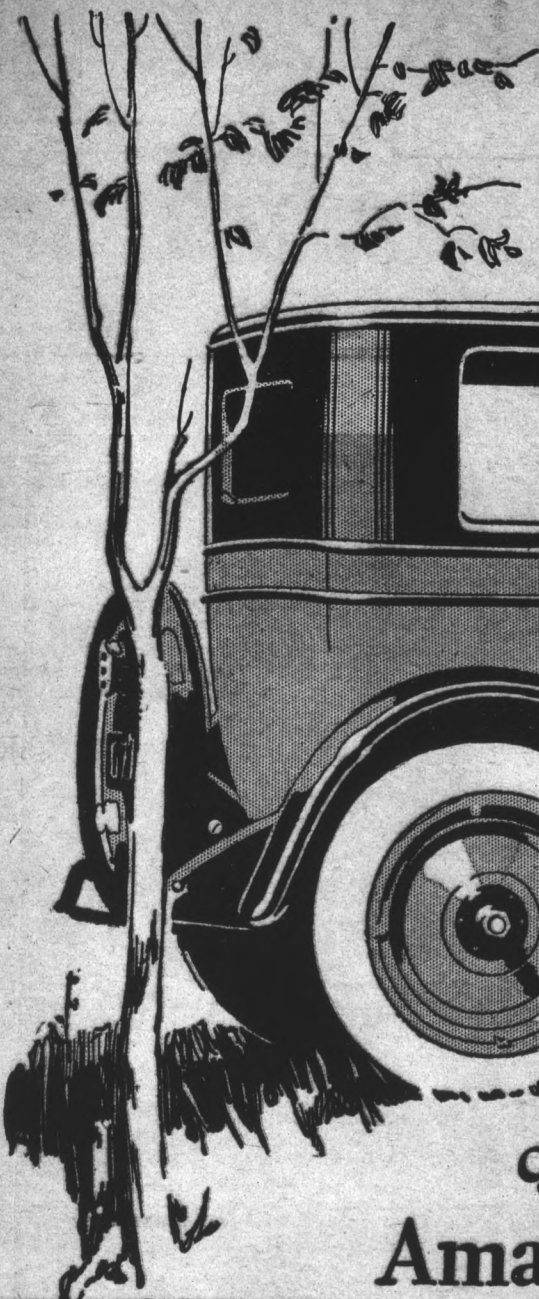


MAKING JACK-O-LANTERNS

In this issue: "Saginaw County Detective Gets \$50"—"Alfalfa Bill' Nelson Makes Sandy Land Productive"—An Article on the State Fair By Ira H. Butterfield—"Through Our Home Folks' Kodaks"—"Farmers Service Bureau"—"Publisher's Desk"—and Many Other Features



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THE ONLY
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EDITED IN
MICHIGAN

Published Bi-Weekly at
Mt. Clemens, Michigan

The Michigan BUSINESS FARMER

SATURDAY, OCTOBER 22, 1927

GEORGE M. SLOCUM
Publisher

MILON GRINNELL
Editor

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Aug. 22, 1917, at Mt. Clemens,
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"What I Thought of the Michigan State Fair"

Some Excellent Suggestions Are Made on How Exposition May Be Improved

By IRA H. BUTTERFIELD

THE Michigan State Fair of 1927 may be regarded a success compared with previous fairs. Some new and progressive features were added, and the premium list was improved in several classes. The attendance was nearly 100,000 greater than in 1926, due probably to a great extent to the reduced admission. The gate receipts however, owing to the reduction was nearly \$20,000 less. Whether this was recovered in some other way I do not know but in any event an increase of 1000,000 visitors is worth some financial loss. It is claimed that more people came from up state, which is probably true. An attendance of 256,000 as reported is not what it should be, with 2,000,000 people within easy reach of the fair.

Compared with the Canadian National at Toronto which reports an attendance of over one million it does not seem extravagant to say that Michigan should have 500,000.

The many successful county fairs held in the state no doubt satisfy the fair going public in the rural districts, but it should be remembered that the State Fair brings together the very cream of production especially in live stock. A model arrangement would be that the county fairs be held previous to the State Fair and the winners brought together in grand competition at the State Fair.

More City Attendance

I would emphasize the idea of inducing more city people to attend the fair. They should know more of the state's agricultural resources.

It was encouraging to see the Governor showing a personal interest by attendance for at least two days. A state day when state officials, members of the legislature and others in high official circles should attend, would be a good move.

At the great English show "The Royal," the King and retinue always attend showing the royal appreciation of the importance of agriculture to the nation.

Lots of Live Stock

The live stock departments at the Fair were well filled. Each year the quality has improved as breeders are learning that it does not pay to show inferior or unfitted stock. There was lack of Michigan exhibitors in some classes, as Hereford and Swiss cattle, and but a single exhibition in others as polled Shorthorns, Brown Swiss cattle and Standard bred horses. Evidently there is little interest in these in Michigan.

The Michigan beef producers premium for fat steers made a good start and the prize animals sold well. Director Crapo is entitled to credit in starting this movement. It will ultimately grow into a Michigan fat stock show.

In sheep, Shropshires lead in numbers, but the total of the six classes of Merinos made a great show. The show of wool fleeces inaugurated by Supt. Freeman was large but would be more useful if cards were attached to each fleece, giving the breed, months of growth, with a sample of staple shown on card. Also it would be interesting if the kind of goods made from the different grades was mentioned.

Poland China and Duroc swine seem to lead and the Spotted Polands are gaining in number shown. The bonus of 20% to Michigan winners was discontinued this year, to my mind, a mistake. State exhibitors show against strong competition from outside, and as the state makes a large appropriation for the fair, it seems not unreasonable that state winners should receive additional reward. I would go farther and give a 50% bonus to state winners bred

RATHER late for an article about the State Fair? Yes, it would be too late to publish an article of the average type, but this one was prepared by Mr. Ira H. Butterfield, Michigan's "Grand Old Man of Agriculture" and not only does he discuss the 1927 fair but he makes some excellent suggestions on how to make the next one better. And who is better prepared to make a comparison and suggestions than Mr. Butterfield who knows more about the State Fair and Michigan agriculture than any other living man? Certainly there is no man more interested in the future of the State Fair and we know our folks will find much of interest in this article.—Editor.

by exhibitor. The breeder is the one to be encouraged.

Poultry made a large and good show. The increase in production classes is a good move. They are really the backbone of poultry production. The so-called fancy breeds are merely pet stock. If large cards indicating the production classes and also the fine collection of laying pens were placed, more satisfaction to observers would ensue.

And in general not enough publicity is given to exhibits. The state department of agriculture and Michigan State College exhibits are examples of good advertising.

The new Agricultural building was better filled and better arranged than

last year. Crop production has not had the rank it deserves but is gaining. We have been breeding better stock, but the breeding of farm crops until very lately has been a hit and miss affair. I was particularly pleased to see the number of entries in the "Wheat Special," where yield is given the importance. I hope it will grow to include other crops.

Boys' and Girls' Club are increasing in popularity and usefulness. No movement is more favorable toward keeping an interest in agriculture and country life than getting the boys' and girls' interest before they stray to suburban life.

I was pleased to see the improvement in the art department, which

Potato and Corn Crops Are Short

A PERIOD of hot weather coupled with frequent rains and no frost during the month of September hastened the Michigan corn crop to maturity and materially increased the prospects of a month ago so that 57 per cent of a normal crop is now expected, according to a statement issued by Herbert E. Powell, State Commissioner of Agriculture and Verne H. Church, Agricultural Statistician for Michigan. Potatoes that were planted late are still growing, and bean prospects showed considerable improvement although rains late in the month delayed the harvest somewhat.

On October 1, one-half of the corn crop in the State was mature, much of it had been cut, and most of the silo filling had been completed. The forecasted crop of 35,765,000 bushels is still over eighteen million

bushels short of last year's production. The United States corn crop prospects also increased greatly in September, and the nation's crop now promises to be only two per cent below last year. Michigan oats turned out slightly better than in 1926 and also above average with a yield of 33.5 bushels per acre. The total production is nearly the same as last year, but the quality is much better and is above average. The U. S. oats crop was 3.6 per cent smaller than last year with a yield of 28.1 bushels per acre.

The potato forecast is for the smallest crop in Michigan since 1916 or only 23,771,000 bushels. The condition of 60 per cent of normal on October 1, is ten points below that in any other important late potato state. Consequently, the production (Continued on Page 17)

has been somewhat neglected of late. Governor Green's appointment of women on the fair board was fully justified in the management of the art department by Mrs. Woodhouse. However a much larger building is needed before this department can be adequately provided for.

Several new features were added this year which should and probably did create a wider interest in the fair, as the fly casting which brought in the Isaac Walton League, horse shoe pitching and the minor stunts of hog and cow calling. The latter more humorous than useful. They should be better advertised as to time. Few people knew the day or hour when they would occur.

The horse pulling contest was again renewed, and created great interest. The hour of trial was rather early for farm visitors. Horse breeders should know that the only value of these contests are not mere trials of strength, but are being made of scientific value in the study of conformation as related to strength. It is more than a mere prize fight.

The increased attendance made parking a premium, but the police management seemed to be adequate—however this is becoming a problem.

In Front of Grand Stand

The grand stand was well filled and the vaudeville acts were clever. The races were well contested but the fields were small. There is no question but that racing on the trotting tracks is slowly declining in public interest. It is not thrilling enough for modern days.

The spectacle "Siege of Troy" was an elaborate scene but to me not particularly interesting until the real fireworks began. Altho no doubt it was well played, one could not get an idea of what it all meant and the historical feature was lost.

I have no use for the modern midway so I will say nothing about it. I feel sure that it could be omitted and replaced by something just as attractive and more useful.

And now comes the question: "What can be done to make the fair still more useful?" It is a state institution and the state is responsible for any advance or improvement. I am sure that Mr. Fred Chapman, the efficient manager would welcome any suggestions that would make the fair more useful and interesting to the people of the state. I would like to see a questionnaire submitted to the rural people who attend the fair, asking, "Why they came, what they saw of interest, suggestions regarding changes or improvements." Just how this could be accomplished I have not thought out, but outside the city it could be done with little expense through the county agents if they could be interested. A consensus of opinion might lead to something of value.

There are many products of the state that are perhaps of minor importance but in the total bring much revenue to growers, that are not seen at the fair. I will not mention them here, but I have a scheme for a winter fair in which I will speak of them more particularly.

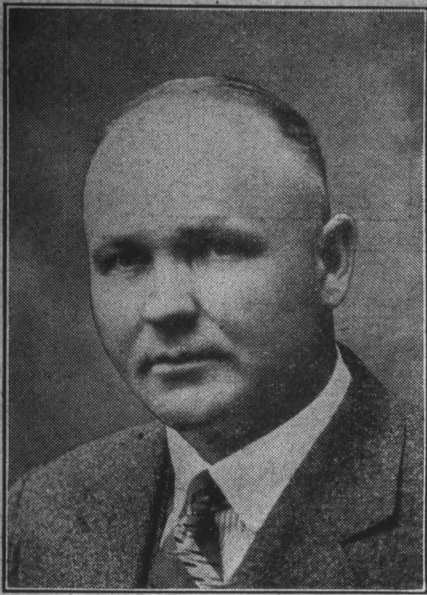
I would like to see a museum of agriculture and pioneer life on the fair grounds. It would be an addition of historical interest. There is no more appropriate place for it than the fair grounds, and the sooner it is begun the more complete it can be made.

If the manufacturers' association would become interested in showing the people the great variety of articles made in Michigan I believe it would help to a realization of the greatness of the state not generally recognized.

The Farm Loan Bank Transfer



—Courtesy National Farm News



When a Saginaw county farmer finds he has been visited by chicken thieves the first thing he does is to try to get in touch with A. R. Geddes, who is a special officer with the sheriff's department because Mr. Geddes has a reputation of being poison to these pests. When it comes to getting his man he does not have to take a back seat for anyone. Recently he got two that landed an M. B. F. reward for him.

THE Canadian Northwest Mounted police who have become famous in fiction, the motion pictures, and throughout the criminal world for their ability to trace criminals have as their slogan, "Get your man."

Up in Saginaw county, they have something unique in the way of law enforcement in this country—a county detective who, "gets his man." Chicken thieves and criminals of the petty crime variety, thought Saginaw county was heaven or at least the happy hunting ground until along came A. R. Geddes, and suddenly a criminal paradise was turned into a desert. Who can measure the influence of a brave and courageous man, for A. R. Geddes is both brave and courageous? To follow criminals in the night, or any other time, until you finally "land" them takes courage, for these criminals are prepared to resist arrest, and many times do not stop at the taking of a life, in order to avoid being captured. Stealing in the rural districts of Saginaw county became so bad, that farmers didn't feel safe at night. Hundreds of chickens were lost; grain and other farm produce were being stolen nearly every night. The sheriff's officers were already overtaxed, and someone thought of putting on a county detective. They didn't write a detective correspondence school for one of their graduates either, but secured the services of a farmer, Mr.

Saginaw County Detective Gets \$50

Former Farmer Wins Praise for Work Against Chicken Thieves

By R. J. McCOLGAN

GRANGE COMMENDS SHERIFF'S DEPARTMENT AND GEDDES

SHERIFF'S DEPARTMENT, Saginaw county: Whereas the loss of chicken's by farmers through theft has become a great menace. And whereas many chicken thieves are being captured and convicted through the Sheriff's office, therefore be it resolved that the Saginaw County Pomona Grange in session at Forest Grange, June 9th, 1927, commend the work of the Sheriff's Department and especially Detective Ray Geddes. Further that a copy of this resolution be sent to the Sheriff's Department.—Committee: Howard Smith, Henry Deibel, Sarah Garrett. Mildron McLean, Secretary.

A. R. Geddes, who knew just what crime meant to the people living in the rural districts, and when he got busy stealing from farmers started on the down grade and criminals started being "sent up" for good long terms in our state prisons.

If you feel that we are over enthusiastic over the work of Detective Geddes, read a brief report of some of the outstanding chicken thieves that he has been instrumental in arresting, and seeing that they were convicted. The following record is only a part of the many arrests and convictions that Geddes has made, and in this list we have inclosed only his recent arrests of chicken thieves alone. The following men have been

and larceny of chickens on the night of May 17, 1927. Earl and Elmer Frasier were sentenced May 31, 1927, from one and a half to five years at Jackson. John Schultz and Hiram Rebedew convicted of breaking and entering chicken house of Frank Young, Bridgeport, and the larceny of chickens on the night of December 20, 1927. Schultz was sentenced from three and a half years to fifteen years at Jackson on May 31, 1927. Rebedew was sentenced from one and a half to five years at Ionia, May 31, 1927. Ed Cassidy and Charles Hodgkins convicted of breaking and entering chicken house of Henry Seidel, Lawndale, and larceny of chickens, on the night of May 4, 1927. Cassi-



Four men who found Saginaw county an unhealthy place for thieves preying on the farmers and they have Mr. Geddes to thank for securing permanent addresses for them for from one to five years. Left to right they are: Egbert DeBar, 1½ to 5 years in Jackson State Prison; Ralph Hardin, 2 to 5 years in Jackson; Hiram Rebedaw, 1½ to 5 years in Ionia; and Elmer Frasier, 1 year in Ionia.

convicted of stealing chickens: Ralph Hardin, convicted of breaking and entering chicken house of S. E. Aspin, Freeland, and also larceny of chickens on May 6, 1927, at night time. Hardin was sentenced to serve from two to five years in Jackson, on May 31, 1927. Earl Frasier, Elmer Frazier, and Egbert De Bar, convicted of breaking and entering chicken house of Glenn Munger, Freeland,

day and Hodgkins were sentenced June 20, 1927, from one to five years at Ionia. These two men pulled twenty-two chicken robberies in Saginaw county since April 1, 1927, stealing nearly five hundred heavy chickens around Saginaw. Freeland and Hemlock. They sold their chickens at Flint to the Wolcott Produce Company.

We of THE BUSINESS FARMER are

happy to pay Mr. Geddes fifty dollars reward for the arrest and conviction of Charles Hodgkins and Ed Cassidy. These two men stole chickens from Henry Seidel and William Wagner, both readers of THE BUSINESS FARMER. They stole over four hundred chickens valued at five hundred dollars. Both of these chicken thieves were sentenced on June 20th from one to five years, with a recommendation of one and a half years. There was a little misunderstanding in the paying of this reward, due to the fact that these thieves stole from two of our readers, but it was handled as one case, and therefore there was only the chance to pay one fifty dollar reward. We want to make it clear, in order to avoid any misunderstanding. THE BUSINESS FARMER pays fifty dollar rewards for each separate arrest and conviction of poultry thieves. For example, should two chicken thieves go down the road at night and steal from three or four of our readers, and then were caught and arrested, and convicted, we could not pay three rewards, nor should we be expected to do so, because three different readers last poultry. The rewards are paid for each arrest and conviction, and not for each separate farmer from whom poultry was stolen. It would be quite unfair to expect any other arrangement, and THE BUSINESS FARMER is only too happy to pay these fifty dollar rewards, and they will be paid, as they have in the past, for each separate arrest and conviction; but if a chicken thief steals from five farmers and is only arrested on one charge, we can only pay the one reward.

In closing we wish to congratulate (Continued on Page 20)



Two young men, Charles Hodgkin and Edwin Cassidy, who were found guilty of taking poultry from a subscriber to THE BUSINESS FARMER. Ionia State Prison will be their address for the next year to five years, because of the work of A. R. Geddes.

"Alfalfa Bill" Nelson Makes Sandy Land Productive

By DONALD KLINE

The year after the corn had been grown, he drew several loads of soil culture from a little patch of alfalfa which grew on the side of a road, seven miles away. Following a thor-

ough harrowing and rolling of the soil, he sowed the ten acre area, and was rewarded with a good stand. Imagine his surprise when he was able to cut a wonderful hay crop

that same year, the first hay crop to be grown on that land in thirty years. Even the hired man was enthusiastic. Before that, Farmer Bill had to buy his hay from farmers several miles away. In a few years, it was these same farmers who came to buy hay from him. They had thought it was impossible for alfalfa to be grown on the sandy lands. Three years later Nelson grew a bumper corn crop on this field, quite a contrast to the first stand he had tried to grow.

The next year he added another ten acres to his alfalfa stand. It was a hard job to convince the neighbors. They didn't believe that white soil, which they called stuff, would grow hay. This is how he conquered the blow sand, and made the hill of sand into a beautiful hill of alfalfa.

It was not a lazy man's job, this problem of wrestling a foothold for the alfalfa from the sand. At first, he used lime screenings from a limestone quarry to add the necessary lime to the soil. Later he used marl. Nelson got many of his ideas from the M. S. C. Mr. Potts of the extension force helped him, and he secured some seed from Joseph Wing, the pioneer of alfalfa in Ohio.

The ground was harrowed, disced, and rolled or culitpacked during the spring and summer months, to kill weeds and to conserve moisture. The weeds were a bog problem. But (Continued on Page 20)

"I GUESS I bought the poorest farm God ever made," declares W. L. Nelson of Lawton, Michigan, pioneer alfalfa grower on the light soils of southern Michigan. "That was back in 1910.

"There was a beautiful hill on that forty acre farm, beautiful trees, and a good school nearby. And I bought it for a song."

"Just after I had purchased the forty, Jason Woodman, then county agricultural agent of Van Buren county stopped in to see me. He confided that he had never felt more sorry for an individual than he did for me and predicted a failure in a short time."

"Why in the world did you buy this sand hill?" he asked. "You can never make a living on this farm."

But this advice did not seem to discourage "Farmer Bill," or "Alfalfa Bill," as the neighbors now call him. He had heard of and read about alfalfa, the wonder hay crop, and he wondered if he could get it started on his farm.

The first spring, Mr. Nelson planted a ten acre strip with corn. He kept the crop clean and while he hasn't much to say for that first crop, he grew some corn. That winter the land was covered with manure. Barnyard manure could be bought easily in those days, and Farmer Bill figured that was what the soil needed; plenty of organic matter.



MICHIGAN'S CHAMPION HIGH SCHOOL POULTRY JUDGING TEAM

Competing with poultry judging teams from high schools all over the state, teams from Owosso have successfully won the Walter A. French Trophy Cup three times and are now permanent possessors of it. This is the latest team to win it. Left to right, top row: Evelyn Kimble, Walter Baker, V. O. Braun, agricultural instructor and coach, Harold Wendt, and Harold Patton. Bottom row: Milton Wheelock, John Cardwell, and Joe Williams. Not a little credit for the winning is due Mr. Braun who coached all three teams.

THRU OUR HOME FOLKS' KODAKS



KEITH WESLEY SHAW.—Son of Mr. and Mrs. A. J. Shaw, of Bay county.



ALL DRESSED UP AND READY TO GO SOME PLACE.—Mr. and Mrs. Milton Somers and their family, of Alcona county.



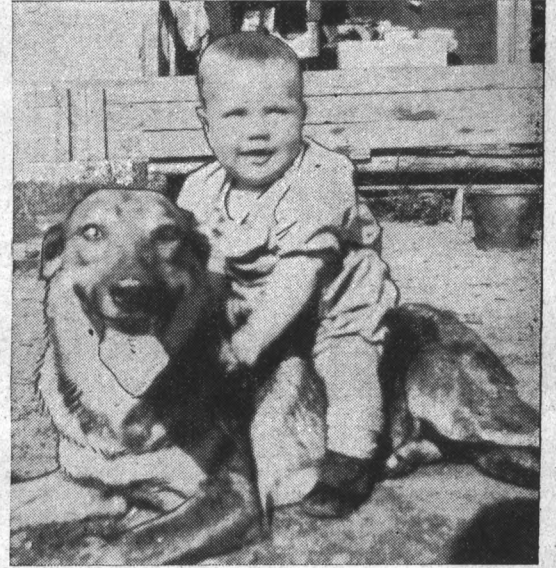
"GRANDPA'S HELPERS."—Sent in by Mrs. Earl Bechtol, of Jackson county.



NOT WORKING.—John Kopka, Lenawee county, may fool some folks into thinking that he is working and only stopped for a bite to eat, but not us. He looks too happy to be working hard.



"WHY IS MAMMA POINTIN' THAT BLACK BOX AT US?"—We bet that is what Stanley (sitting), son of Mr. and Mrs. S. Frederickson, Benzie county, is saying to his friend, Quentin Bond.



"HOW DO YOU LIKE MY HORSE?"—Jack, small son of Mr. and Mrs. Earl Woodruff, of Gladwin county, makes a horse out of his faithful friend and both seem to enjoy it very much.



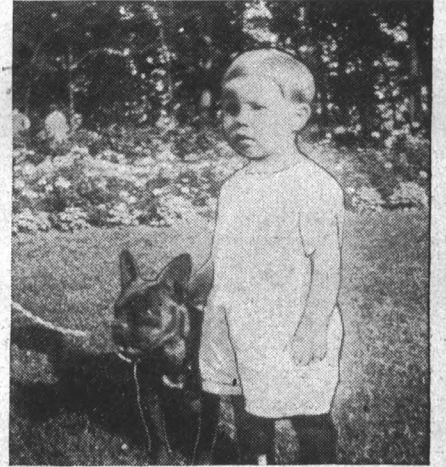
"LOIS AND HER DOG."—From Mrs. Archie Tibbits, who is one of our Macomb county readers.



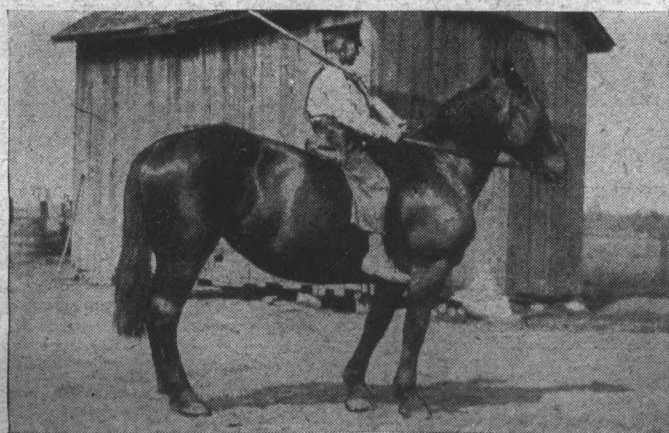
PAULA AND LELAND.—Children of Mr. and Mrs. S. Moore, Grand Traverse county.



A NICE STRING.—Caught near Gladwin by Claude Church, of Ingham county.



"ME AND MY DOG."—Sent to us by Mrs. Jay Rawson, who lives in Van Buren county.



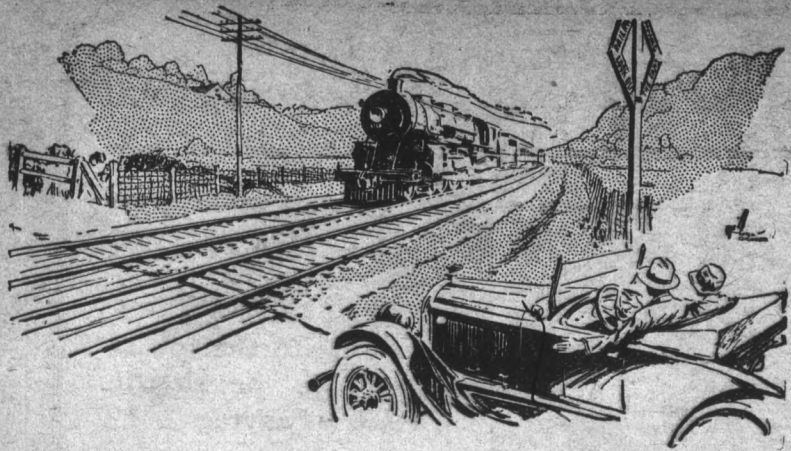
"THE YOUNG SOLDIER OF BAY COUNTY."—Is the title given this picture by Mrs. David Bowker, Bay county. The soldier is her son Neal David Bowker.



WATCH OUT PUSS, THE DOG IS NEAR!—From W. G. Perry, Springfield, Missouri.



EVERYBODY LOOKS NICE FOR THE CAMERAMAN.—Stuart Merchant, son of Mr. and Mrs. F. L. Merchant, Tuscola county, with his Aunt Margaret and his puppy.



CAUTION gets results

70% of the accidents at grade crossings last year occurred in daylight.

63% occurred where there was no obstruction to a clear view of the crossing.

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Caution gets results.

Grade crossing accidents can be reduced tremendously if caution will be exercised by the individual, encouraged by the authorities and enforced by public opinion.

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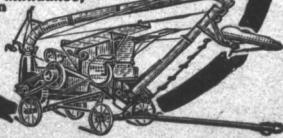
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Farmers Service Bureau

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

CHARGE FOR PLOWING

Please quote me the usual price per acre for plowing corn stubble, dragging, rolling.—C. V. Y., Almont, Michigan.

THE charge for plowing varies somewhat depending on the season of the year, the crop to be plowed under and the kind of soil. Many farmers report paying \$2.50 to \$3.00 an acre for this work. Complete cost accounts for 1926 on twenty farms in New York State show the average cost for operating tractors for that year to be \$1.02 per hour.

Very little dragging and rolling are hired as special operations and so it is difficult to give a usual rate for this kind of work. This could be best determined in the local community by obtaining the average pay for man and team for a day and dividing it by the number of acres rolled or dragged in that time.—E. B. Hill, Assistant to the Dean, Michigan State College.

DIVIDING PROPERTY

I inherited a few thousand dollars from my brother. I have one son and a husband. In case of death, how would that property go?—Mrs. R., Deckerville, Mich.

IF personal property, the husband would receive one-half and the child one-half the property upon your death without having made a will.—Legal Editor.

BEET LEAVES IN SILO

Will you please tell me if the beet leaves will keep in a silo for winter feed or how long they will keep?—M. G., Kinde, Mich.

BEET leaves placed in the silo should keep if the silo is in fairly good condition. The machinery usually used in making corn ensilage is not very well adapted to the making of beet ensilage, however it may be used. A few farmers have secured good results by putting beet tops in pit silos.—C. R. Mege, Asso. Prof. of Farm Crops, M. S. C.

PAY ONE-HALF

A rents a farm to B, and furnished all of the seed. Does A have to pay B's thresh bill or does B have to pay his own thresh bill?—W. H. H., Capac, Mich.

IF A furnishes everything except labor, he is entitled to two-thirds of crops or income from crops. B should stand one-half of seed and thresh bill.—F. T. Riddell, Research Assistant, M. S. C.

NO AUTHORITY

Has a teacher a right to teach school if she did not have a third grade certificate where she just had been teaching on permits for ten years?—J. H. L., Boyne City, Mich.

REPLYING to this question, I would say that previous to September 1, 1925, a country school commissioner had authority, upon examination satisfactory to himself, to issue a special certificate (sometimes called a permit) to a teacher, which would qualify her to teach in a particular school, provided that a second

special could not be issued to the same person within a period of three years. Since September 1, 1925, there is no legal authority for issuing special certificates.—G. N. Ottwell, Supt. of Rural Education.

DIVIDING ALFALFA

Please tell me what price is charged when a man rents four acres of alfalfa hay land. What is it worth an acre?—F. J. D., Dowagiac, Mich.

A FAIR amount to charge will depend upon the condition of the meadows. Alfalfa yielding four tons per acre is much more profitable to tenant than that yielding one ton. On a share basis, one-half crop share would be a fair basis under ordinary conditions.—F. T. Riddell, Research Assistant in Economics, Michigan State College.

KEEP MANGELS AND RUTABAGAS OUT OF SILO

What do you think of putting mangels and rutabagas in with the corn in silo at the time of filling, tops and all?—H. S. G., Onaway, Michigan.

MANGELS and rutabagas should be stored separately either in a root cellar or in a pit and not put in with corn in the silo. They will not add much to the silage and you get better feeding value by feeding them alone. Nothing that you can put in with corn silage would improve it a great deal.

We recommend the feeding of silage as such and mangels and rutabagas separately.—C. E. Corman, Asst. Prof. of Farm Crops, M. S. C.

Bulletin Service

(The bulletins listed under this heading are free. If you want a copy of one or more just list them on a postal card or in a letter and mail to us with your name and address. They will be sent to you without charge of any kind.)

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- No. 2.—MODERN WATER SUPPLY.
- No. 3.—SOIL FERTILIZERS.
- No. 4.—SEED CORN CURING.
- No. 5.—GOSPEL OF GOOD FEEDING.
- No. 6.—BEFORE YOU INVEST.
- No. 7.—FARM SANITATION.
- No. 8.—FIRST MORTGAGE BONDS.
- No. 9.—FROM EGG TO MARKET.
- No. 11.—MINERALS AND FEEDING.
- No. 12.—LINSEED OIL MEAL.
- No. 13.—FIGHT THE CORN BORER.
- No. 14.—UNDER-GRADE APPLES.
- No. 15.—RAISING APPLES.
- No. 16.—TIRE CARE.
- No. 17.—FARMERS' TAX GUIDE.
- No. 18.—BARN AND HOW TO BUILD.
- No. 19.—CONCRETE BUILDINGS.
- No. 20.—MOTHS AND BEETLES.
- No. 21.—FEEDING FOR EGGS.
- No. 22.—CHICK CARE AND FEEDING.
- No. 23.—BETTER GRAINS AND HAY.
- No. 24.—100 FOODS FROM 4 RECIPES.
- No. 25.—FARM LEASE SYSTEMS.
- No. 26.—ORCHARD MANAGEMENT.

Bulletin No. 27.—MANAGEMENT METHODS IN THE RASPBERRY PLANTATION. A bulletin that contains a thorough discussion of raspberry culture in Michigan. Prepared by A. H. Teske and V. R. Gardner of the horticultural section of the Michigan State College who made a special study of the subject.

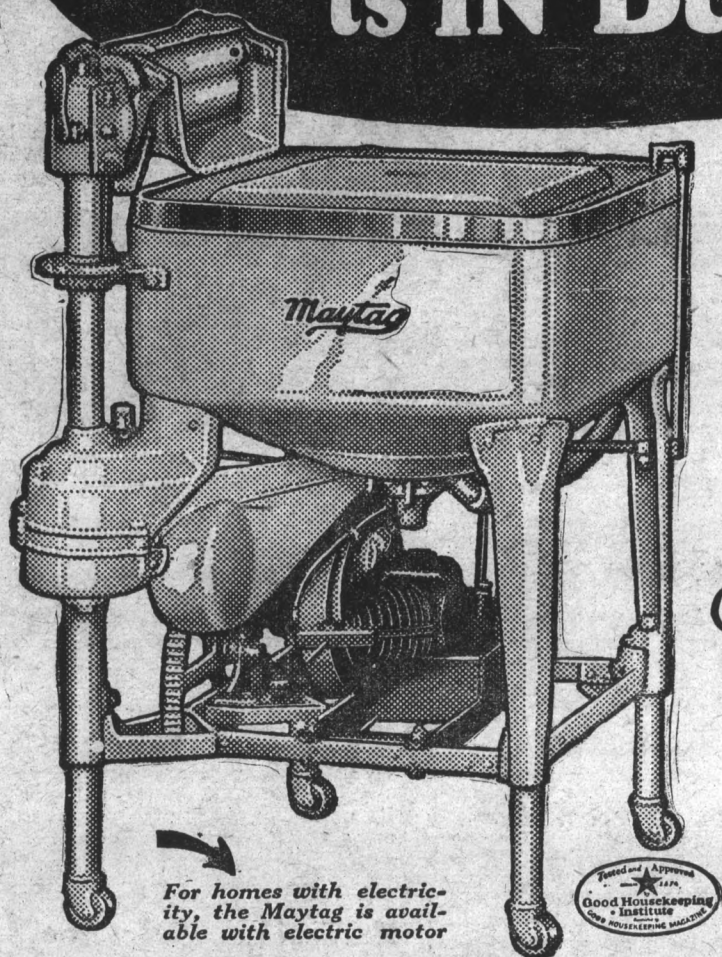
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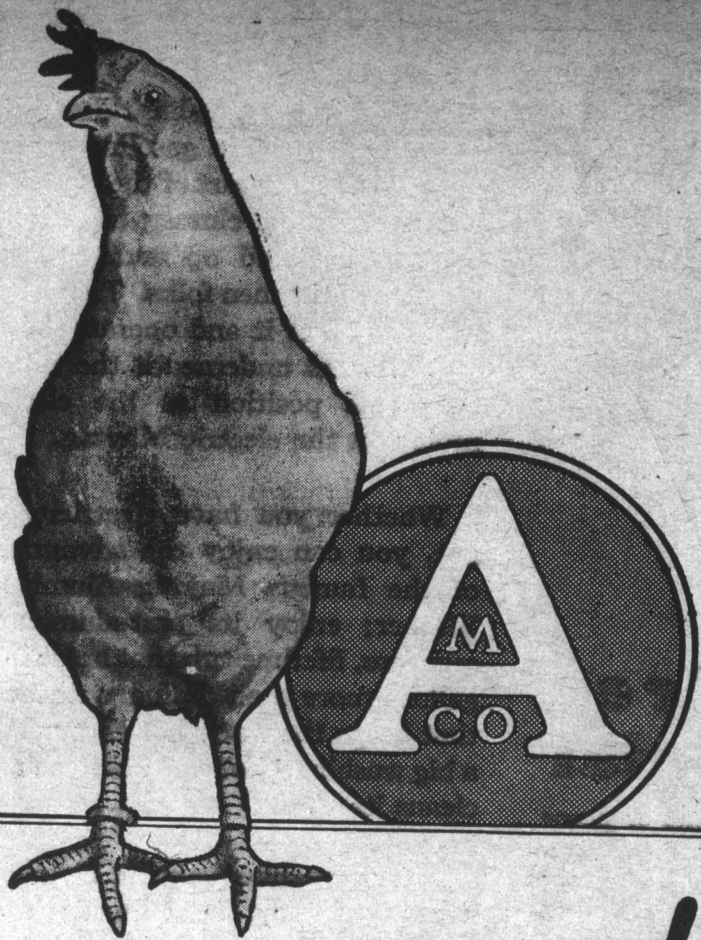
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Broadscope Farm News and Views

Edited by L. W. MEEKS, Hillsdale County

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

TIME TO THINK

MANY letters have come to us lately inquiring about some preparation for winter. Some want to know about hen house floors, etc., others about how large a building is needed for this or that purpose. A friend in Corunna wants to know what size building I would build, and how to accommodate 100 hens. It seems the time has come to think of winter.



L. W. MEEKS

If I were to build a house for 100 hens, I would select a site that would be suitable for a larger building. It is quite possible the 100 hen business may be such a success a larger number may want to be cared for at some future time. The building itself I would construct so that either the east or west might easily be removed and placed farther away if the house were to be made larger. I would build it 20 feet square with a cement floor. It would be as high in the back as it was in front, would have a gable roof and a straw loft in it. When all is said and done there is nothing like a straw loft for hen or hog houses, or any other building in which stock is kept. It holds the temperature more even and, with a more or less open floor below the straw and some sort of opening above the straw, the straw loft becomes one of the most efficient means of ventilation. There would be one or two good sized windows, snugly fitted into the west and east side walls and the front would be nearly all windows. The interior of the house may be fitted up to suit one's own ideas. I might add that the nicer and more convenient you have the house, the more you will think of your hens and their care, and really your think and care of your hens is what counts in the egg basket.

It Will Be Fun

Our laying house is about 200 feet from our water supply and to those of you who have not carried water that far for 500 hens I will say it is considerable work. Fact is, if you have never cared for 500 hens you little realize just how much water they will drink. We have a granary above the laying house so our feed is handy, but the water supply was too far away, so we are laying a one inch pipe to it from the pump. I sometimes think, when picking away at the hard pan clay (of which our subsoil consists) that if I ever bought another farm I'd dig down on it and if the subsoil was heavy clay I would pass it by. It certainly is hard digging. Post holes are next to impossible to dig and this pipe trench is certainly a perplexity. We do not work at it steadily, as that would no doubt prove more than we bargained for—we work at it for sort of an odd job affair. Pipes are about 20 feet long and we try to get at least one length in when we work at it. The pipe is put in a four inch tile. This is a great protection to the pipe if frost should ever dare go down in that soil four feet. We never want to dig that pipe line up and as an extra precaution we are putting a good bit of cement around the tile joints. By digging up one end length it would be possible to remove all the pipe from that opening. But that is too far away. Let's think what fun it will be next winter to turn a hydrant lever and fill the watering troughs in the hen house, when outside the snow is blowing and the path is drifted full!

We Learned Something

Jean, the colt, is coming fine. He has things pretty much his own way,

and being the only colt we have had for twenty years I suppose we are humoring him almost too much. What if he does take every chance he can get to come to the house for a sugar cookie or a lump of brown sugar? He is made to obey. The other day we gave the horses their salt and two or three of them left some in their feed boxes. Jean visited these stalls when the horses were at work and cleaned up all the salt. Short story. Jean very sick. Veterinary was called and after considerable doctoring the colt began to improve and the next day was all right. We learned that colts are very much like kids, and some older ones too whom we know. They will eat too much of some things that are not exactly suited to their stomach's requirement. The kids generally tell us about their situation so it is taken in hand before serious results develop. With the colt it is different and not until it is serious do we notice it and then it is so late that drastic measures must be used.

Clover Will Not Do It

C. F. G., of Papose Lodge, Wisconsin, writes: "We are bothered a great deal with thistles and do not seem to be able to eradicate them. The field I have reference to we intend to sow to clover as I have heard clover will kill out the thistles. Please advise me how to sow it to get results."

Well, C. F. G., clover will not do it. Alfalfa will. But here some will say even alfalfa will not do it. However, it will. Where alfalfa has failed to kill out thistles it was not heavy enough. You must use sufficient lime and fertilizer to get a wonderful good growth of alfalfa and in about two years your thistles will be minus. I have known of this being done so many times and have done it here, I know it is a possibility. Clover will not do it for various reasons—first, clover does not get large enough, is too slow in starting in the spring and can not be cut often enough, and last but not least, clover will not be much of a crop the second year and it is the second year that puts the lid on the thistle. The first year will give them an awful set back, and the second year finishes the knock out.

Lot of Work

We are roguing our potatoes for the last time this year. There are very few hills to be removed. However we are thoroughly convinced that the continual roguing of fields where certified seed is grown is very necessary if the highest degree of success is to be reached. It is a lot of work, but if you do not want "a lot of work" do not get into the game of producing certified seed. We have had a very poor season for potatoes and the crop in general is going to be very small. Those who have sprayed heavy and often enough to keep the vines green until these late rains have come will reap a rich reward for their effort in spraying. Our fields are nearly as green as they have been, and the under side of the leaves show the coating of bordeaux yet. We are all set for digging and will be at it in a day or two, and really for the first time in I don't know how long, there seems to be plenty of help. I fear there are more wanting to help us than we can use. What does this mean?

Saginaw leads all counties in the Thumb in farm population with 23,895 people living in the country. Huron county is next with 20,816, then Sanilac with 20,450, followed by Tuscola with 19,683. In the value of farm products sold Huron county leads the others with \$1,018,284.

Michigan's 75 canning factories paid farmers of this state nearly three and one-fourth million dollars last year. Over 21,000 tons of fruits and nearly 47,000 tons of vegetables grown in Michigan were canned by them.

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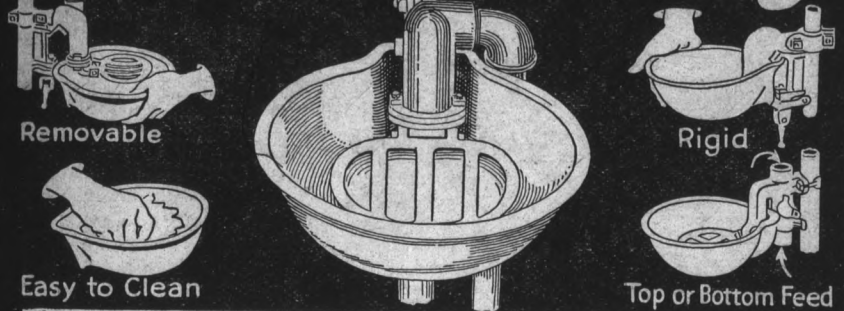
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A Frontier Story in the Days Before the Revolution

By A. E. DEWAR

SUMMARY OF STORY

DUNCAN McAfee, an orphan, from Bethlehem, Pennsylvania, going on seventeen, is going to North Carolina to live with his uncle. Traveling by wagon train, encountering all sorts of dangers, he has a real thrilling trip, and proves that "seventeen is grown up" by saving a fair young lady from bandits who attack the train, killing most of the people and carrying her off into the woods. The journey from Bethlehem to Fredericktown was uneventful but a little beyond the latter place they are joined by the Sawyers, a girl about Duncan's age and her father. While camped one night a bedraggled stranger comes into camp, begs a meal and tells of being attacked by Indians. After that Duncan mounts guard but one night he falls asleep only to be awakened by the noise of attacking raiders who shoot some of the men, take their money, horses and other belongings of value, and make their escape, carrying the Sawyer girl away with them as a prisoner. Duncan is determined to rescue the girl. He follows at a distance for a time but later joins the robbers without creating much suspicion. Appearing to be homeless and friendless they give him a job as cook's helper.—Editor.

(Continued from October 8th issue)

THE boy put some meat and a couple of cakes on a piece of bark and went over to her. She was laying face downward on a blanket, with a great coat thrown over her. Under that covering the vigorous lines of her figure were blurred. Her voice sounded strangely different, too. He had somewhat the feeling with which he had approached badly wounded men, that it was a new person lying there. This was not the girl that he had known, no more than if that pistol shot last night had struck her instead of her father.

He sat down by her side. "Listen to me," he said in a low voice, too low to reach to the nearest men. "This is Duncan. You remember Duncan, the boy who found you in the dark. I came along with them. They don't think I know anything. They won't watch me. We'll get away presently. Just you keep up your strength and get ready to make a break. We'll fool them."

There was no answer, but somehow he knew she was listening. He moved the food closer.

"Listen. It won't do for you to mind me right away about eating something just after you've turned the captain down. I'll put this down here. When I go away, you sit up and eat a little. Remember, you're not alone here. I'm your friend. You keep your heart up, and we'll get away."

He put down the piece of bark, rose and moved slowly away from her. The captain was watching him. Duncan came to him and shook his head.

"She seems too down-hearted," he admitted. "I couldn't get her to say a word."

The captain was looking past him. He smiled slightly. Duncan turned. A hand had reached out from under the coat for the bark and its contents. Hunched up under the coat, still with her face hidden the girl was apparently eating.

"That's better," Locke commented. "Of course we had to be a bit rough. Now when we get back to camp, and I—"

He broke off, but looked himself over with the satisfaction of a born dandy. Duncan perceived that he had meant to add, "When I get better clothes on and show her what a man has her, she'll feel differently."

Duncan looked at him thoughtfully. He was a fine looking man. No doubt conquests came easy for him. The boy turned back to the figure on the other side of the fire with a certain puzzlement visible on his brow. After all, what did he know about this girl? Perhaps she might be reconciled to her captivity. Was it wise to risk his own life.

"Nonsense!" he said to himself sharply, and went out to help with the horses. There were only five at hand, he noted, and there were six, including the girl, to ride. Locke strode up as the boy ran a practiced hand over the girls.

"Take the girl behind you," he ordered. Duncan went back to her at once. She was standing, and looked up as he came closer. The color that had been in her cheeks yesterday had gone out like a blown candle. Her hair hung limply about her cheeks. Her eyes were red, and her mouth was the mouth of a woman years older than the girl he had known. There was anguish there, and despair. She was at once a woman in a horrible predicament and at the same time a little girl too young and bewildered to realize that what had happened to her was true. Nightmares had come before; each time she had cried out for her daddy and found him. Now she struggled to break this nightmare, but her father did not come. Her heart cried out for someone to take his place, to prove to her that her world still stood and that these horrors of the night would pass away.

"You are to ride behind me," he told her. "Keep your heart up. We'll get away from them yet."

For the first time something alive showed in her eyes. She took a quick step toward him.

"Will we really—?" she said, and hung onto his answer as if he had only to say the word to put her back with her father.

Duncan had to check that. "Don't be too friendly," he warned. "Treat me like dirt. Keep 'em fooled."

Fortunately, she was wearing her breeches, Duncan had her mount astride,

and then slipped on in front of her. The big saddle was large enough for both of their slim bodies. He paused a moment thoughtfully, then took the tie rope from the saddle horn and passed it around her, so that she was tied securely to him.

Locke had been waiting. When Duncan was ready, he gave the word. The troop set off.

Early in the afternoon they filed into a clearing in a small valley far back in the hills. They had cut across streams, climbed hills, wound thru timber, so that Duncan had only a rough idea where they were. He knew that they were markedly east and perhaps a bit south of the Augusta Court House, and guessed that it might be as short a way to get out of the mountains to go east, as to go back to the great valley they had left to the westward.

A string of log huts had been built close to the little creek. A good sized corral for the horses was nearby. Duncan recognized the big draft horses of the Moravia in the enclosure. Upwards of fifteen men were about, some of them carrying packs from the horses to a spot in front of the cabin. The rest were standing about as if waiting for something. As Duncan expected, he recognized the branded man of Mecklenburg. Evidently he had been the advance agent for the bandits. Locke lifted the girl off the horse. She could hardly stand. He half carried her into the cabin, disappeared within it, came out promptly and shut the door.

Duncan went with the other men to unsaddle and turn loose the horses. The four that worked with him went at the job with furious haste, exchanging low comments as they worked. As soon as they finished, they ran back to where a ring was forming with Locke in the center. The boy went and joined the rest.

In the center of the ring was piled the spoil of the raid. There were two rifles, four muskets and a keg of powder, some bullet moulds, some sides of bacon, a bag of meal and a miscellany of clothing.

"These things go into a common fund," the captain was saying. "The money—which I shall now count out—is as usual to be split in five parts; one part for me and the rest equally divided among you. The money we get from the horses will be divided the same way."

"What about the boy, sir?" someone asked, respectfully.

"He'll stay here and help with the work. No chance for ransom, even if we wanted to risk it. He can't get away."

He paused, and back in the crowd came a thin whisper:

"What about the girl?"

Locke put his hands on the butts of two silver mounted pistols he carried in his belt.

"The girl stays with me!" he declared.

IV—THE CAPTAIN'S PISTOL

Duncan carried Agnes Sawyer her supper that night. He stood outside, handed her the trencher, and waited while she ate. In order to quiet any suspicions, he sat down on a log near the door and put his head sleepily between his hands. Actually, he spent the time talking to her, but anyone a few yards away could not have guessed it.

"No danger for a while," and he was carefully not to say specifically what the danger was. "They'll all sleep sound tonight. Tomorrow Locke may take our horses over the hills east and sell them. That'll take two or three days, and maybe more. We'll have a chance."

She asked if there were any women in camp.

"No. They had Indian women here once. Not any more. The gang has a rule against them."

"But why did they bring me?"

"Locke's captain—he wanted to. But some of the others—" he hesitated.

"Go on—what do the others say?"

"They say,"—he was translating freely—"he hasn't any right. They're mad, some of them."

She wondered if he meant that the others might let her go. Duncan remembered the exact words that had been passed, the look of the men who had talked about her.

"Fraid not," he concluded briefly, and held out his hand for her trencher and spoon.

(Continued in November 5th issue)



The Prosperous Man

A NON-SECTARIAN SERMON BY

Rev. David T. Warner

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

TEXT: "And whatsoever he doeth shall prosper." Psalm 1:3d.

WHEN the Lord makes me worth \$25,000.00 I will serve Him," said my preacher-friend. The writer has known other preachers who are clever in dicker-ing with God, but none so outspokenly presumptuous as this one. Verily, Jacob of old has a numerous progeny. But ever since that rich farmer in the Gospel picture was condemned as an unprosperous soul, we have known that stuffed barns and filled grain bins are not distinctive marks of prosperity. The foolishness of this farmer led to his destruction. But God said long before that "The prosperity of fools shall destroy them." On the other hand, those ancient days have framed the portrait of a man who found the road to true prosperity. The signposts are clearly marked in the first psalm as follows: Delight in the Truth (2), the bearing of fruit (v3), and a walking with Jehovah (v6). These, according to our text, make one prosperous.

First of all, then, one's prosperity is determined by one's delights. Let us get it straight. When one's delights are set upon earthly husks, one is unprosperous. The soul is in a state of decay. The prodigal is an extreme case, but not Luke's moralized farmer. This man, as far as we know, provided well for his family, paid his honest debts, was interested in good roads and schools, and went to church on Sunday. The only thing God had against him was that his heart was in the wrong place. It centered in bigger barns, odoriferous hog-pens, and accumulated lands. Are there any now-a-days like him? The offering was being taken for "God's poor." An aged laborer threw in one and one-half dollars. The rich farmer for whom this man worked gave but a few cents. On arrival at his home after the service he hurried to show the writer his fine hogs. He proudly pointed out the fine curl in the old sows tail. Now wasn't that farmer's heart' perilously near his hog-pen? A short visit told that he had little religious interest. He was just a church "joiner." He seemed little concerned about others or the bearing of Revealed Truth upon his life. But let us be fair and say that some farmers are delightfully different. They are not endangering their souls through prostituting the blessings of Providence. They have set their hearts for the defense of the Truth and delight in the service it is rendering the world.

To delight in "the law of Jehovah" indicates an healthy and prosperous soul. Of course, that means today to incorporate within the understanding of the soul the principles of Jesus, and to make these meaningful in the motives and acts of life. When one finds the salt of life growing savorless, or more literally, when one is making a fool of one's self, one is off the prosperous way. Christ is this way. He came to make the soul prosperous. Other things do not matter so much. The writer unswervingly believes that though education, a broad culture, and pure pleasures, may contribute to refined living, nothing can cleanse the soul of disease and the life of crookedness but the application of Christ's teachings. The apostle confirms this when he says that to be "filled with the knowledge of his will" gives "spiritual wisdom and understanding." God marks the man as prosperous who delights more and more to bring his life under the influence of Eternal Truth.

The psalmist describes this man as "like a tree planted by the streams of water, that bringeth forth its fruit in season." Certainly, to have a tree bear fruit it must be healthy. It must prosper. And, conversely, its prosperity is known by its fruit-bearing. Christ put this principle into the words, "A tree is known by

its fruit." This season has given us sparingly of fruit. Why? The trees, the trees! The trees have been so diseased as to defy the best formulas of our spraying authorities. In like manner, souls so diseased as to mock the presumed curative properties of human formulas, become clean through the power of the Gospel. One who is nourished by Him who is "the water of life" bears fruit. The fruit is new and good because the creature is new.

This new life stimulates one's whole nature to fruitful activity. When one drinks of the Living Water, one has the motive and power that issue in prosperous living. The weeds of

life are crowded out through the cultivation of the good. The good of life is never so substantial and the joys so unalloyed as when one irrigates life's garden with the psalmist's streams of water." It is said of this one, "whatsoever he doeth shall prosper."

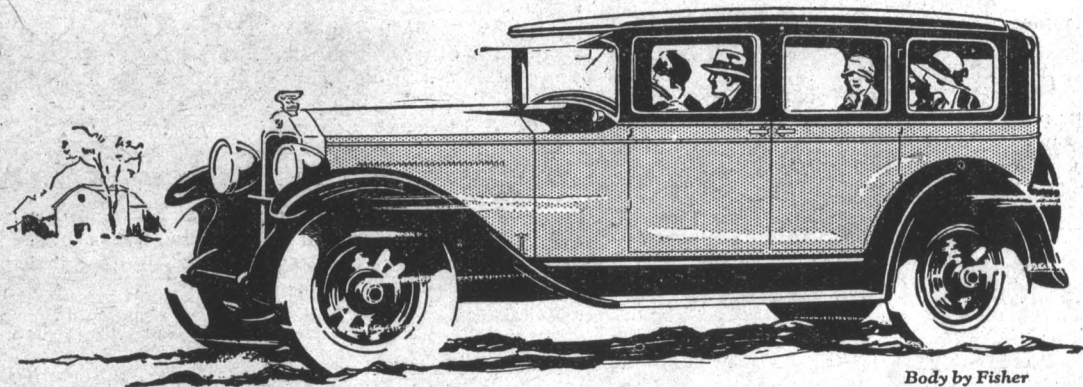
Finally, the prosperous man is marked because he "walketh not in the counsel of the wicked." The parallelism of the first verse reaches a fatal climax. "Walketh," "standeth," and "sitteth" with the wicked are the three steps to failure and gloom. The writer found him sitting in a foul, old building with other derelicts. The signs of better days were yet upon him. "What are you doing here?" the man was asked. "I am sliding into hell," he replied. And then in tears this wreck told how, in the gilded and mirrored saloons of the city, he counseled with the wicked, and now he was sitting with them and could not get back. Truly, "the way of the wicked shall perish" because the Lord knows not this way.

But "Jehovah knoweth the way of the righteous,"—the prosperous.

David walked in this way so perfectly and had such satisfying experience that he testifies, "A man's goings are established of Jehovah." "And stops too" says Geo. Muller. The walk of the man who delights in the Truth is limited to moral safety zones. "The law of his God is in his heart and none of his steps shall slide." The soul who does not sit idly by but thinks and acts within the realm of the Highest Law, has found the way to eternal prosperity. Proof: "And Enoch walked with God; and was not, for God took him."

Now, what kind of prosperity are you most interested in? "Seek ye first His kingdom and His righteousness, and all these things (material) shall be added unto you." This is the standing rule for him who reckons that inward prosperity should run ahead of outward progress. How many folks sweat and fume for Mammon and lose out with God. Any kind of adversity is better than a prosperity that works ruin to the soul life. So, "whatsoever he doeth shall prosper" is spoken of the man whose strength lies in spiritual foundations.

BUICK for 1928



Body by Fisher

BUICK makes every road a boulevard

Bumpy, rutty, uneven highways ride like boulevards in a Buick for 1928. Important improvements impart a matchless riding ease—a smoothness over any road in any weather—which assure you a comfortable trip, no matter how far you may drive in a day.

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—and Matchless Beauty, too

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BUICK MOTOR COMPANY, FLINT, MICHIGAN

Division of General Motors Corporation

Canadian Factories: MCLAUGHLIN-BUICK, Oshawa, Ontario

WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

The Michigan BUSINESS FARMER

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"The Farm Paper of Service"

REGISTER YOUR FIREARMS

DO not forget that a new law went into effect September 5th making it necessary to have all pistols up to 30 inches in length in the State registered not later than November 1st of this year. Every farmer owning a pistol should take it to his local sheriff for registration. Failure to register makes the owner liable to a fine of \$100 or imprisonment of 90 days. This does not apply, however, to pistols kept only as antiques or curios.

Law-abiding citizens will have no difficulty in getting permits to purchase weapons to protect their homes, no more than they had before the law was enacted, but the gunman and the bandit will be the ones to get hit by the new law and they are the ones that it is aimed at. If it puts a few of them out of business it is well worth while.

SAGINAW DETECTIVE COLLECTS FIFTY

M. B. F. pays another reward in the chicken thief campaign, this time to a Saginaw county official who was formerly a farmer and has waged a relentless war against chicken thieves since he became a representative of the law. A. R. Geddes is his name, and he has acquired quite a reputation as being sure poison to those low down two-legged skunks who rob farmers' hen roosts. Ten have been put behind the bars for from a year to five since the first of the year and he declares he will get some more before 1928. More power to him, we say. The more officials we have like him the sooner we will get rid of these pests.

THE STATE FAIR

A DETROIT newspaper recently published an editorial criticising the present State Fair and suggesting that if Detroit was given a more prominent place among the exhibitors its success would be far greater. Too much agriculture seemed to be the writer's opinion.

The State Fair should represent Michigan as she is. Detroit with all her industries should be given space and especially would a complete automobile show win much interest. But we do not want to see the time come again when Detroit dominates as it did in years gone by. Agriculture is the backbone of the nation and it should be the backbone of the fair, in our estimation.

Discussing what can be done to make it a great show the writer cited the Canadian National Exposition at Toronto as an example. Why didn't he compare the Michigan State Fair with the World's Fair? Surely he wouldn't compare a cheap automobile with one of the most expensive kind, yet he considers our State Fair in the same light as the Toronto exposition.

Like the tramp who was asked to change a twenty-dollar bill, we appreciate the compliment but it isn't possible to accommodate. Compare our

fair with those held in other states, because it is a state fair, not a national fair.

If all interests will work together Michigan will have a fair within a few years that is second to none. We have the buildings and grounds and it should not take long to do the rest.

IT WILL NOT WORK

IN a recent issue the Otsego County Herald-Times, of Gaylord, urged Michigan motorists to be very courteous to tourists and help "sell" our State. If you see a motorist stalled along the highway you are asked to stop and offer help. If you see him at a corner apparently puzzled about directions, stop and advise him, it says. And there are other little things of this nature we can do, according to this paper, that will help. The Northeastern Michigan Development Bureau commented very favorably on the idea.

The idea is a good one alright, we readily agree, and we wish it would work as well as all good citizens would like to have it. Perhaps it will work in the northern part of the State, but not near any of our large cities because there are too many bandits at large, roaming our public highways. Many a motorist has stopped to help what appeared to be a fellow motorist in trouble only to be held up and relieved of his valuables. Automobile clubs are warning their members against offering help or stopping to give lifts to folks walking along the highway, because of the large number of robberies.

AN ALFALFA RECORD

IT is very interesting to notice the increasing popularity of alfalfa in Michigan and how it is changing the farm program. County Agricultural Agent H. L. Barnum of Missaukee county recently told us that the farmers in his county have doubled their acreage each year for the last three years. Because of the alfalfa dairying has come forward in that northern county until today it takes a leading part in the program of the farms. And not many years ago few people could conceive of Missaukee ever becoming a dairy county.

County Agent Barnum believe Missaukee has a record for others to shoot at. He is of the opinion that it is the only county in the State having an average of five acres of alfalfa on each farm. How about it, county agents?

HERE'S A NEW ONE

A KALAMAZOO citizen was awakened one night by a noise in his chicken coop. He went out to investigate and found a neighbor in the coop standing beside two dead chickens. When he was arrested and charged with stealing chickens he entered a plea of not guilty, claiming that his presence in the coop was due to walking in his sleep. The judge couldn't see it that way and fined him \$25.

Next time this chap gets to walking in his sleep we wager he will not stray so far from home.

BEAT THIS IF YOU CAN

THE other day we received a letter from Owen Garrett, of Alcona county, in which he stated that he was forwarding by separate mail a ripe tomato which he desired us to inspect and "test." The tomato was grown on a two year old vine, he said, which stood in the bay window of his home. Standing nearly five feet high the vine has both ripe and green tomatoes as well as blossoms on it at the same time. It was taken into the house about the first of October, 1925, and he picked the first ripe tomatoes in February, 1926. Since that time he has had ripe tomatoes about every two weeks.

The next mail brought us the tomato which was rather small in size but wonderfully flavored. We echo Friend Garrett's question, "Who can beat it?"

FOOLISHNESS

ORGANIZED sportsmen of the State are advocating a bond issue to be used for the buying of timbered lands to be set aside as forest reserves primarily to furnish food and protection for wild life. All they are asking for is \$10,000,000.

If the ten millions were to be used just for establishing large forest reserves for timber growing the idea would be worth entertaining, but we do not believe that is what the sportsmen have in mind. What they are interested in is a game reserve and that looks like a good way to get it. We don't think they will succeed, especially if the farmers have anything to say about it.



WELL, here I am at home agin, that trip of ours has surely been a big success, I'm full of pep, I've got more ginger in my step than any colt, I feel so good I act up more than old men should. Mirandy says: "You feel so fine, just hang the washing on the line and do the churning once for me." That woman just can't let me be, she has more jobs for me to do, and then before one job is through she thinks of half a dozen more on top of those she had before. She ought to be a section boss, the railroad wouldn't have no loss from men who fail to do their work or loaf upon the job and shirk.

A good vacation ain't no use if you should let your wife induce you to git all worn out agin, by workin' till you're lean and thin. When I have got all rested, I'll just try to make it last awhile by bein' mighty careful not to strain myself when it is hot, or get all stiff when it is cold. The way to keep from growin' old is not to wear your muscles out by workin' till you git the gout, lumbago or the rheumatiz. If I don't rest enough, gee whiz, but with my strength and pep play hob, the undertaker'll have a job!

PETER PLOW'S PHILOSOPHY

I see by the paper that barbers are plannin' to raise haircuts to a dollar in New York City. Another example of the high cost of overhead.

"Wheat Thefts Cease When Boys Are Taken" reads a headline in the newspaper. Seems a couple of boys was sowin' their wild oats a-stealin' wheat.

Ever hear this one? A salesman was callin' at the Four Corners' Grocery and while waitin' for an order he began to ask about the country. "How does the land lie around here?" he asked. The proprietor shifted his chew of fine cut and replied, "Tain't the land that lies, it's them cussed real estate agents."

COMING EVENTS

- Oct. 24-Mar. 2.—Short Course, General Agriculture, M. S. C., East Lansing, Mich.
- Nov. 2-4.—Top 'O Michigan Potato Show, Gaylord, Mich.
- Nov. 8-10.—Thumb of Michigan Potato Show, Mayville, Mich.
- Nov. 9-12.—Greenville Potato Show, Greenville, Mich.
- Nov. 14-15.—Potato Show, Cadillac, Mich.
- Nov. 26-Dec. 3.—International Live Stock Exposition, Chicago, Ill.
- Jan. 3-Mar. 2.—Short Course, Dairy Production, M. S. C., East Lansing, Mich.
- Jan. 3-Mar. 2.—Short Course, Horticulture, M. S. C., East Lansing, Mich.
- Jan. 3-Mar. 2.—Short Course, General Agriculture, M. S. C., East Lansing, Mich.
- Jan. 3-Mar. 2.—Short Course, Poultry, M. S. C., East Lansing, Mich.
- Jan. 3-Mar. 2.—Short Course, Agricultural Engineering, M. S. C., East Lansing, Mich.
- Jan. 3-Mar. 2.—Short Course, Home Economics, M. S. C., East Lansing, Mich.
- Jan. 30-Feb. 3.—Farmers' Week, M. S. C., East Lansing, Mich.
- Feb. 6-11.—Short Course, Fruit Growers, M. S. C., East Lansing, Mich.
- Feb. 6-11.—Short Course, Market Gardeners, M. S. C., East Lansing, Mich.

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

The Publisher's Desk

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

EXPERIENCES WITH THE PICTURE AGENT

QUITE a number of letters regarding the enlarged picture agent have come to our office during recent weeks. These agents know the farmer is having his harvest at this time and they are out to do some harvesting of their own. Most of the letters indicate that they are not a bit careful as to the methods they use in doing their harvesting but their crop of suckers is not turning out so profitable as they would have it because M. B. F. tells its good friends to teach the misrepresenting agents a lesson by refusing to accept the pictures or pay for them.

We are in receipt of a letter from a Calhoun county reader who thinks that we have no business to go after the agents the way we do and she praises the pictures she ordered very highly. We have never received a letter boosting them before and she wants us to publish it so we are going to do so. Here it is:

"I am a subscriber to your paper and enjoy it very much, but this week I read of the picture men. He was at my house. I drew a blue seal which entitled me to two pic-

free to advertise their work. So I let him have a picture and he handed me a slip, asking for 95c as he did so. I told him I didn't have it and wanted to know what it was for and then he told me the picture would be worth \$20.00 but they were making

LINOLEUM NO GOOD

DEAR PUBLISHER: I am glad you have taken the "Linoleum Men" in hand. We have some of their goods and it is strictly no good. It didn't wear two months on a splendid new maple floor.

—Mrs. B., Ingham County.

a special price of \$3.95. I asked him for my picture back and he refused to let me have it and went away saying that the picture would be delivered about August 15th. I haven't heard or seen him since but I wrote the company the same day he was here asking that my picture be returned and they advised they were working on it. The company

DON'T SIGN IT!

AN agent for an enlarged picture company called on a Sanilac county subscriber and through misrepresentation secured a picture to enlarge. Nothing was said about it costing anything and no paper was presented to be signed. Later the picture was delivered by another man who said nothing about money but asked the subscriber to sign a slip he had which showed that the picture had been delivered in good condition. Later our reader found SHE HAD SIGNED A NOTE. This looks like a new scheme to sell their "free" pictures. Don't sign anything until you have read it and know what it means.

tures for \$15.00 which were to be delivered at any time after the first of June. I received the pictures and was very much pleased with them, and I don't see how anyone can sign a paper without knowing what is on it, then blame the other party. Everything was made perfectly clear before I even received the receipt to sign. And I don't like to hear him run down by a lot of people who just didn't have wits enough to read before they signed. Everybody knows you can't get anything for nothing these days. I have nothing but praise for the Chicago Portrait Company. I would like to see this letter printed in your paper as well as the fault finding articles. Yours for the 'Read Before You Sign' motto."—Mrs. L. A. W., Jackson county.

Either our Jackson county friend met up with an unusually honest agent or she was easily sold because most cases we hear of indicate that high pressure salesmanship is used. Of course, everyone should read a paper before signing it—but if the agent was honest it would not be necessary because he would make a true statement as to what appeared on the paper. A Mescota county reader was not so fortunate, as you will see from her letter:

"I guess there was one of these picture swindlers at our house. He came early one morning and represented himself as a school census taker and asked if he might come in and use our table to write on. Of course I let him in and then he began to ask about pictures and said they were painting and enlarging pictures

was H. J. Hawley."—Mrs. W., Mescota county.

The above letter is typical of many received at our office so we have plenty of reason for getting "down" on the picture agent. There are various ways of "welcoming" him, such as using a number 10 shoe, the broom or an ugly dog, but if he does get into the house by some hook or crook you can use the method employed by one of our Eaton county friends. We will let her explain her method, which we believe she will recommend:

"The picture agent called on me some time ago. As usual he had the lucky envelopes to draw. I let him get wound up and then told him I would have nothing to do with his envelopes. I asked what company he represented, then I said: 'Oh, yes, I have read of you in THE BUSINESS FARMER.' He gave me such an innocent look and asked me to repeat the name of the paper. I said, 'They warn the public about picture agents and many others.' At that he said, 'If some of these cheap farm papers are doing such things as that they are just trying to hurt honest business firms. My 'usually sweet disposition' began to sour just then and I said, 'Don't you run down THE BUSINESS FARMER for it is one of the best farm papers ever published, and if I want any pictures a local photographer is good enough for me.' He said maybe next time he came I would be feeling better and I said, 'Never!' At that he left.

"Also think the linoleum man was here recently, at least one answering that description was. I did not bite, but I hate to confess, I surely would have if I had had the money. We sure like THE BUSINESS FARMER."—Mrs. F. C., Eaton county.

CANNOT PAINT WITH POLISH

DEAR PUBLISHER: We have been readers of your paper for quite a few years and like it. There was an agent at our place this week selling polish. I forgot the name he called it but he claimed it was good paint if mixed with color, or was good to put on floors, furniture, stoves, etc. He had a Ford with Illinois license, 686-233 was his number. I bought a little and found it no good at all. It makes the worst kind of finish on floors and stoves.—Reader, Livingston County.

Did Your Money Come Easy?

IF it did, perhaps it doesn't matter how you invest it. You won't feel so bad when it's gone.

But if you had to work hard for it, you'll want to keep it—and make it grow. You'll want to be as careful in investing it as you were in getting it.

You'll want a form of investment that's safe, and still pays you a good rate of interest. An investment protected by security that you can see and value with your own eyes.

The First Mortgage bonds issued by the Federal Bond and Mortgage Company are this type of investment.

They pay 6½%—a very liberal rate when their safety is considered. The security is valuable income-earning property. They are backed by a conservative house of the highest standing. They are the type of security preferred by men and women who work for their money. 6½% with safety is what they offer.

Before you invest again, find out about these bonds. Mail the coupon below today.

Federal Bond & Mortgage Co.

DETROIT  MICHIGAN

Mail
This
Coupon
Today!

Federal Bond & Mortgage Co. M.B.F.
Federal Bond & Mortgage Bldg., Detroit, Michigan

I would like to know more about your bonds. Please send me information.

Name _____

Address _____

1963

The Collection Box

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

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

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

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

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

Report ending October 14, 1927
Total number of claims filed 3,070
Amount involved \$32,674.03
Total number of claims settled 2,574
Amount secured \$90,350.39

Home Made Supply of Fine Cough Syrup

Better than ready-made cough syrups, and saves about \$2. Easily prepared.

If you combined the valuable properties of every known "ready-made" cough remedy, you probably could not get as much real healing power as there is in this home-made syrup, easily prepared in a few minutes.

Get from any druggist 2½ ounces of Pinex, pour it into a pint bottle, and fill the bottle with plain granulated sugar syrup, or clarified honey, as desired. The result is a full pint of really better cough syrup than you could buy ready-made for three times the money. Tastes pleasant and never spoils.

This Pinex and Syrup preparation gets right at the cause of a cough and gives almost immediate relief. It loosens the phlegm, stops the throat tickle and heals the irritated membranes so gently and easily that it is really astonishing.

A day's use will usually overcome the ordinary cough and it is splendid for bronchitis, hoarseness and bronchial asthma.

Pinex is a most valuable concentrated compound of genuine Norway pine extract and palatable guaiacol, which has been used for generations to break severe coughs.

To avoid disappointment, ask your druggist for "2½ ounces of Pinex" with directions. Guaranteed to give absolute satisfaction or money promptly refunded. The Pinex Co., Ft. Wayne, Ind.

PINEX

for Coughs

Don't Trust Your Butter To Luck

Market men and consumers are insisting on uniform color, now-a-days, and no real dairyman can afford to trust to luck any more. Keep your butter always that golden June shade, which brings top prices, by using Dandelion Butter color. All large creameries have used it for years. It meets all State and National Food Laws. It's harmless, tasteless and will not color Buttermilk. Large bottles cost only 35c at all drug and grocery stores.

Wells & Richardson Co., Inc.
Burlington, Vermont

Send for
FREE
Sample

Cleanses cuts and sores



Cuts, sores and chapped hands heal quickly when kept antiseptically clean with the pure pine tar lather from Grandpa's Wonder Soap. It kills germs—destroys odors. Mild, yet removes imbedded dirt. Never equalled as a shampoo. At your Dealers', or send 10c for big full-size cake.

Since '78 Beaver-Remmers-Graham Co.
Dept. MB102 Dayton, Ohio

GRANDPA'S WONDER
PINE TAR SOAP



Retain the Charm
Of Girlhood
A Clear Sweet Skin
Cuticura
Will Help You
Use Cuticura Soap Every Day

Ultra-Violet Rays ? ?
The egg producing rays of the sun that glass stops. That's why you get no eggs in winter. Flex-O-Glass admits them freely. See results of tests on page 20.

AT YOUR SERVICE We are here to serve you to the best of our ability and we welcome your questions on all subjects. Answers are sent by first class mail.
The Business Farmer, Mt. Clemens, Mich.

THE FARM HOME

A DEPARTMENT FOR WOMEN
Edited by MRS. ANNIE TAYLOR

DEAR FOLKS: Have you ever watched a crowd of people and notice how few of them just smiled naturally, or possessed even a pleasant countenance, for you know it is possible to smile with your eyes as well as with your mouth.

We all know quite well that the sun is shining, though hidden at times by heavy gray clouds, but let's not hide the sunshine in our hearts by a serious gloomy expression on our faces for Hallowe'en is a good time to join the fun and learn to smile.

Help the boys and girls to enjoy the fun—make their friends welcome, prepare a few eats and you may be surprised how much pleasure their antics will give to the entire household.

There is no medicine like a good laugh for either our worries or our digestion.

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

Your Friend,
Mrs. Annie Taylor



DECORATE your note paper with little yellow jack-o'-lanterns cut from crepe paper and use the following verse for invitations to the Hallowe'en party:

On Monday night
If the moon shines bright
Join the ghostly band
From no man's land!
Feel no alarm!
We've found a charm
To keep off harm!

Decorate the house with jack-o'-lanterns, witches cut from black paper, black cats, and any other appropriate figures. In one corner of the room have a big black kettle suspended over a make-believe fire. After the guests have arrived some member of the family dressed as an old witch rushes into the room. The lights have been turned very low to make it look more witchy. In a covered basket the witch has a number of ingredients which she will need for charms. She gives the basket to the hostess and then stands, muttering over her witch pot. The hostess explains that the objects must be passed through every hand till they reach the witch, and forms the company into a line. Then she bandages everyone's eyes and passes first a hot baked potato. Of course it is not hot enough to burn anyone but still this is passed very quickly to the next and all along the line little screeches follow. Next comes a piece of ice, an old glove filled with damp mush, a large soup bone, a large grape without the skin and an oyster. The horrid feel of these various things will keep the company squealing and when the last has been dropped into the witch's kettle the bandages are removed and they may all look in.

The old witch then stirs and stirs and finally she gives to each player an orange envelope. The paper inside seems blank but when held over a candle the fortunes, which are written in lemon juice, become readable. A clever hostess can think of many amusing fortunes to write on the papers.

If you are fortunate enough to have some one among your friends who is clever at telling fortunes, let her dress as a gypsy and occupy the "Fortune Telling Tent." If she (or he) is not able to make up her own lingo, follow the suggestion in the following paragraph.

The booth is partitioned off with a curtain. Outside have stationed a ghost. This is a sheet stuffed to resemble a human form. On the inside of the booth, which is lighted by a red candle, the gypsy sits at a small box on which lays the fortune wheel. This is a large circle of white cardboard, marked off in spaces with the words, "Love," "Marriage," "Long Courtship," "Short Courtship," "Trip," "Enemies," "Rival," "Money," "Blonde" and

"Brunette." In the center an indicator or "twirler" is fastened on with a thumb-tack or pin. The would-be fortune seeker spins it around three times to see what her fate will be. Of course each one will cross the gypsy's hand with a coin (a tiny round cardboard, gilt) before she begins to read their palms, or at least pretends to.

LEARNED IN THE COLLEGE OF EXPERIENCE

A GREAT saving of time when laundering the muslin caps to the comfortables is to have a good sized dress snap sewed on the comfortable and the other section of the snap on the muslin cap which is so easily changed.

Before frying pancakes take the egg beater and give them a vigorous beating. This makes them very fine and light. It is also very good for



cakes before putting them into the baking pans.

A flat varnish brush is wonderful to put the soft butter on the loaves of bread and to oil the bread tins. These can be bought at any five and ten cent store.—Mrs. C. B., Tekonsha, Mich.

Personal Column

Wants Salad Recipe.—Will someone kindly give me the recipe for 24 hour salad?—Mrs. J. T., Fayette, Mich.

—I never heard of a salad by that name but possibly some of our good friends have. If any of them know how to make it I am sure they will send in their recipe for publication.—Mrs. A. T.

Got These?—I wonder if someone would send in the songs: "Over the Hills To the Poorhouse" and "Sweet Genevieve." Mrs. N. M., Lake, Mich.

A Big Order.—Will you kindly supply me with the following songs: "Tell Me you Love Me"; "Show Me the Way to Go Home"; "What Could Be Sweeter Than You"; "Want a Little Lovin'"; "Because I Love You"; "Silver Threads Among the Gold"; "Oh, If I Had You"; "That's Why I Love You"; "Love Me"; "Someone To Love"; "Yes, Sir, That's My Baby"; "When You and I Were Young Maggie"; "I Can't Get Over a Girl Like You Loving a Boy Like Me"; "Let Me Call You Sweetheart, I Am In Love With You"; "You're By Gal"; "Honey Bunch"; "She Belongs To Me"; "Kiss Me"; "I'd Love To Call You Sweetheart"; "I'd Love To Meet That Old Sweetheart of Mine"; "I'm Going To Park Myself In Your Arms"; "Let Me Show

You Sweetheart"; "Let's Talk About My Sweetie"; "Call Me Back O Pal of Mine". J. T., Birch Run, Mich.

—if you are well bred!

Table Service.—Hints in serving and eating meals. A guest in the home. The hostess is responsible for the happiness of her guest and should look out for her enjoyment. If an accident should occur at the table, the hostess should make the guest feel at ease immediately. No subject should be discussed, if a guest is present, which is not of interest to her or of a nature which would be embarrassing to her. Whenever asked a preference as to food give a preference even if it is immaterial to you. It will aid the hostess in serving. Never refuse a serving. Eat some of the serving. If taking an active part in the conversation, too much attention to the conversation may seem the reason for not eating all of the serving.

It is quite proper to have a second serving of food. It is an excellent way to show appreciation to the hostess who undoubtedly has planned something that she hoped would be agreeable to her guest. The hostess should never finish eating before her guest. A guest for one meal should not fold the napkin at the end of the meal but place it on the table before leaving. A guest for more than one meal should fold the napkin at the end of the meal.

Serving the meal. All the food is placed and served from left of the person except the beverage which is placed from the right. A salad served with the main part of the meal may be placed from the right. All plates are removed from the left of the person except the unused knives and spoon which should be removed from the right. In asking if a second serving is desired, do not use the word "more." "May I serve you" or "may I give you" is a better form. All of the members at the table should have been served before any member at the table begins to eat. The hostess should begin eating, as a signal for the other members to begin. A water glass should not be filled more than three-fourth full.

General table manners. The position at the table should be an erect one, elbows never resting on the table. The spoon should not be left in the cup when drinking from it. It is quite proper to test the temperature of the beverage with the spoon, but after having tested the beverage, the spoon should be placed in the saucer. In eating soup, the spoon should be dipped away from the person eating. Sip from the side of the spoon. A dish should not be tipped in order to get the last bit remaining in it. In eating a slice of bread, break it in small pieces before spreading it with butter. In passing a plate for a second helping, place the knife and the fork straight on the plate, and a little to one side, in order that there may be no danger of their slipping off and that part of the plate may be ready to receive the food. In passing dishes the thumb and fingers should not come above the top of the plate. Tooth-picks should not be used in public. They should be used only in the privacy of one's room. The silverware or the china should not be played with while waiting for the food to be served nor should the silver be used for gesticulating. The food should not be held on the fork while talking; having once picked the food up eat it promptly. One should not leave the table without being excused, except when one is serving as a waitress. Bread or crackers should not be broken into soup. In using the finger bowl, the finger tips of only one hand at a time should be dipped in the water. The napkin is used to dry the water from the finger tips. In using a dinner napkin, it is better not to unfold the napkin fully, only partly unfold it. The napkin should not be folded or unfolded above the top of the table. Always use the napkin in as inconspicuous a manner as possible.

Foods eaten from the fingers.—The following foods may be eaten from the fingers: crackers, olives, pickles, celery, radishes, corn on the cob, most raw fruits, salted nuts, crystallized fruits and bonbons. Apples, pears and peaches are served with a knife and are quartered, peeled, and cut into small pieces before eating. Cherries, plums and grapes are eaten one by one, the stones and the seeds being removed with the fingers and placed on the plate.



Favorite Songs

WHERE IS MY WANDERING BOY TONIGHT?

Where is my wandering boy tonight,
The boy of my tenderest care,
The child that was once my joy and light,
The child of my love and prayer.

Chorus:

Oh where is my boy tonight,
Oh where is my boy tonight,
My heart o'er flows for I love him he knows,
Oh where is my boy tonight.

Once he was pure as morning dew,
As he knelt at his mother's knee;
No face was so bright, no heart more true,
And none was as sweet as he.

Oh could I see you now my boy,
As fair as in olden time,
When prattle and smile make home a joy,
And life was a merry chime.

Go for my wandering boy tonight,
Go search for him, where you will,
But bring him to me, with all his blight,
And tell him I love him still.

Recipes

Few of My Tried and Used Recipes.—I am a reader of M. B. F. and enjoy trying the recipes which you publish. Thought perhaps you might find use for a few of my tried and used recipes.

Fried Carrots and Onions.—Four large onions, sliced; 6 carrots, sliced thin; 1 teaspoonful salt; one-eighth teaspoonful pepper. Have frying pan and meat fryings hot. Put onions in first, then carrots, until all are used. Pepper and salt and cover tight. Fry slowly at first, then when nearly done remove the cover. This is a very nice dish to serve with either beefsteak or fresh fried pork. This is a dish that President Lincoln was very fond of.

Whole Wheat Bread.—One-half cup lard and butter, 2 cups buttermilk, 1 egg, ½ cup chopped raisins, 2 tablespoons sugar, 1 teaspoon salt, 2 level teaspoons soda, enough whole wheat flour to make a stiff dough. Bake in good hot oven. This bread makes wonderful sandwiches with one slice of white bread and butter. Children love this for school lunches.—Mrs. C. B., Tekonsha, Mich.

Peanut Butter in Cookies.—When making cookies, if you haven't enough shortening, finish filling the cup with peanut butter. This gives the cookies a delicious nutty flavor.

Table Relish.—Chop: 4 qts. cabbage, 2 qts. tomatoes, (1 qt. to be green), 6 large onions, 2 hot peppers. Add: 2 oz. white mustard seed, 1 oz. celery seed, 2 qts. vinegar, ¼ cup salt, 2 lbs. sugar. Simmer 1 hour. Pour into sterilized jars or bottles and seal while hot.

Canned Sweet Peppers.—Wash ripe sweet peppers thoroughly, remove inner veins and seeds, cut to a size suitable for packing in a pint fruit jar and pack as many as possible in the jar. Fill with cold vinegar and seal. These take the place of canned pimientos for salads, sandwiches and the like, and though the recipe is simple it has never been known to fail.

Angel Pudding.—1 lb. English walnuts shelled, 1½ cups powdered sugar, 3 teaspoons baking powder, whites of five eggs and 9 ounces of dates mixed with sugar. Break walnuts fine and cut dates in fine pieces. Add sugar and whites of eggs last. Bake in moderate oven twenty to thirty minutes. Serve with whipped cream.

Pimiento Cheese.—This is always good to have on hand for sandwiches. Put through the food chopper 3 times, 1 pound cheese, 1 can of pimientos, and 1 teaspoonful salt. Packed in a jar and placed in a cold place, it will keep very well. Also, it is good with any kind of bread.

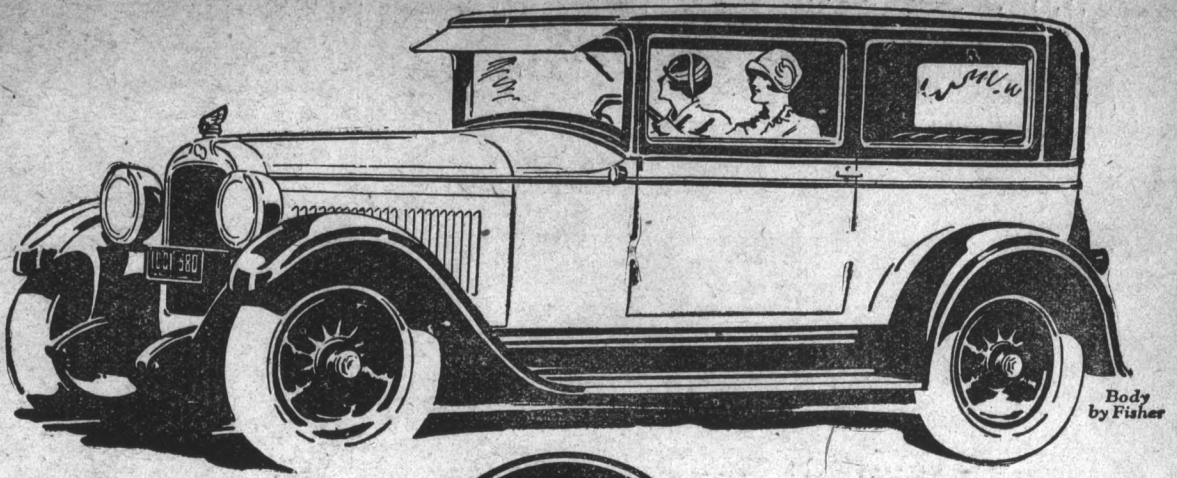
For the Movie Fan

The Blood Ship.—This is a story of the sea, as you might guess from the title, and it contains some scenes that are not so pleasant to look at. But I believe you will like the picture in spite of these because of the fine acting of the various principals throughout the entire story. In the cast are such well known stars as Hobart Bosworth, Jacqueline Logan and Richard Arlen. The tale is from the days of clipper ships, when it took months to sail across the ocean.

WOMEN'S EXCHANGE

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

153.—Pattern and directions for "Old Maid Pincushion" novelty for 2 spools thread.—Mrs. G. Morgan, Vicksburg, Mich.



\$745

2-DOOR SEDAN

Now -

Your dollar buys more than ever
with a *Finer Pontiac Six* selling at lower prices

Ever since it flashed into the field, the Pontiac Six has won its success on the basis of dollar-for-dollar value. When introduced, it represented a new idea in low-priced sixes—the idea of truly high quality in design, performance and appearance. And it won world record public acceptance almost overnight.

Yet now your dollar buys more than ever—for today's Pontiac Six embodies many improvements in the original Pontiac Six design. It is now offered with beautiful new Fisher bodies in new

Duco colors and every body type has been reduced in price!

You may have heard that the Pontiac Six is a marvelous car for performance.

You may have admired the sparkling beauty of its Fisher bodies.

You may have read that a new measure of value was created by this finer Pontiac Six selling at lower prices—but until you actually see today's Pontiac Six, and actually sit at the wheel, you cannot know how fine a six can now be bought for \$745!

New lower prices on all passenger car body types

(Effective July 15)

Coupe - - - - -	\$745
Sport Roadster - -	\$745
Sport Cabriolet - -	\$795
Landau Sedan - -	\$845
De Luxe Landau Sedan	\$925

The New Oakland All-American Six, \$1045 to \$1265. All prices at factory. Delivered prices include minimum handling charges. Easy to pay on the General Motors Time Payment Plan.

OAKLAND MOTOR CAR COMPANY, PONTIAC, MICHIGAN

The New and Finer PONTIAC SIX

Aids to Good Dressing

BE SURE TO GIVE SIZE

5961.—Child's Coat.—Cut in 4 sizes: 2, 4, 6 and 8 years. A 6 year size requires 1½ yards of 64 inch material.
5941.—Ladies' Dress.—Cut in 7 sizes: 34, 36, 38, 40, 42, 44 and 46 inches bust measure. A 38 inch size requires 2¼ yards of 54 inch material together with ¾ yard of contrasting material. The width of the dress at the lower edge with plaits extended is 1½ yard.
5946.—Ladies' Frock.—Cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38 inch size requires 3¼ yards of 36 inch material together with ¾ yard of contrasting material. The width of the dress at the lower edge with plaits extended is 2¼ yards.

5935.—Set of Clothes for Tiny Tot.—This set comprises a dress, rompers, petticoat, sack and cap. The dress may be made of crepe, voile, nainsook, dimity or china silk. The petticoat of lawn or long cloth. The rompers of gingham, rep or pongee. The sack of flannel, silk or albatross. The bonnet of lawn, chiffon or crepe de chine. The pattern is cut in 3 sizes: 6 months, 1 year and 2 years. A 1 year size requires 1½ yard of 36 inch material for the dress, ¾ yard for the petticoat, 1¼ yard for the rompers, ¾ yard for the sack and ¾ yard for the bonnet.

ALL PATTERNS 13c EACH—
2 FOR 25c POSTPAID
ADD 10c FOR FALL AND WINTER
1927-28 FASHION BOOK
Order from this or former issues of The Business Farmer, giving number and sign your name and address plainly.
Address all orders for patterns to
Pattern Department
THE BUSINESS FARMER
Mt. Clemens, Mich.





Only genuine smoke can give a genuine smoke flavor

"We used Old Hickory Smoked Salt and our ham and bacon are well cured. The smoke flavor is right through the meat; not just on the outside."—Mr. and Mrs. C. Earl, Swan Lake, Manitoba.

Nothing but genuine wood smoke can give a genuine wood smoke flavor to your meat. Old Hickory Smoked Salt does this and more because it is the highest purity meat salt smoked with genuine hickory wood smoke. The delicious smoke flavor goes all the way through the meat because the smoke penetrates every tissue.

A million farmers have proved that Old Hickory does away with all the

fire risk, dirt, work and excessive shrink of the smoke-house method. It gives a better cure at less cost and a rare old country flavor that fairly makes your mouth water.

You, too, can get that flavor by using the original and genuine smoked salt. Your dealer can supply it. You will know that it is the original and genuine when you see the yellow and blue label on every drum—with the Old Hickory Trade-Mark exactly as it appears here.

Old Hickory
TRADE MARK REG. U.S. PAT. OFF. AND CANADA
SMOKED SALT
EDWARDS PROCESS
PATENTS PENDING

Write today for FREE SAMPLE and booklet No. 467.

THE SMOKED SALT COMPANY
447-467 Culvert St., Cincinnati, Ohio



KNIT UNDERGARMENTS for Warmth with Comfort



THERE'S plenty of snug warmth in an Indera Figurefit Knit Princess Slip or Knit Undershirt—even on the coldest winter's day. And it's an enjoyable warmth, too, for Indera fits like a tailored gown.

Thanks to the patented knit border, an Indera Slip cannot crawl up around the hips or bunch at the knees. And the STA-UP shoulder straps won't slip off the shoulders.

Indeed, if it weren't for its comfortable warmth, you wouldn't know you were wearing one.

EASILY LAUNDED. NO IRONING NECESSARY
Indera Slips and Undershirts are made in a variety of weights and fast colors at most agreeable prices. For women, misses and children.

If your dealer cannot supply you, don't accept an inferior substitute. Write us and we will see that you are supplied promptly. A descriptive folder, in colors, showing Indera garments, sent free.

INDERA MILLS COMPANY, Winston-Salem, N. C.



Motto: DO YOUR BEST
Colors: BLUE AND GOLD



DEAR Boys and Girls: Our "Fish" contest certainly was a popular one and most of those who answered it proved themselves good fishermen by giving a correct list. It is too bad that all could not be rewarded but it was to be the first three to send in correct lists and they were Treat Marsh of Route 3 out of Norvell, Ruth Zook on Route 1 out of Mio, and Kathleen Anderson who lives near Crosswell on Route 5. The "Mystery Prizes" were a Boy Scout jackknife for Treat, a fine big school bag for Ruth, and a nice purse for Kathleen. All of these will come in very handy I feel sure.

I think "Mystery Prizes" are best don't you? If you know in advance just what you will get if you win it isn't near as much fun, is it? Then, if prizes are named in advance they are not always suitable for those who win them, but when they are "Mystery Prizes" they can be chosen according to the winners.

Now here is another new contest, one entirely different than any other we have ever had. We want a title for the picture that appears below and it is up to you boys and girls to supply this title. Can you do it? We want something real clever, serious or funny, and the boy or girl to send in the best title will receive a dandy "Mystery Prize." Also there will be prizes for second and third best. In addition I will send pins and pledge cards to the first ten to send in their titles, providing, of course, they have not already received pins.

The contest ends November 5th and letters postmarked later than 12:00 noon of that day will not be considered. More than one title can be sent in if you wish but you must number them as to your choice. In the event the judges choose a title sent in by two or more the one re-

ceived first will get the prize. Now let's see just how clever you can be at naming pictures.—UNCLE NED.

Our Boys and Girls

Dear Uncle Ned:—I have never written to you before but I have read and enjoyed the children's page very much. First, I will describe myself, so you will have some idea what I look like. I am 4 feet 2 inches tall, have brown eyes, and am dark complected, and weigh 56 pounds. I am nine years old and will be in the 4th grade when school begins. I have to walk 2½ miles to school. I am the youngest in the family. I have three sisters and one brother. For pets I have a dog named Puppy and two cats named Peanut and Beauty. We have 240 acres in our farm and we also have a tractor. Your want-to-be-nephew.—Master Arnold Nintz, R. 2, Box 50, Sebewaing, Mich.

Dear Uncle Ned:—Here is a poem: I went to sea; A little wave came to me, A little girl was she, She said she loved me, Uncle Ned, I would like to have my name in the paper in the list of letters. I do think everyone must be proud of



their club. I am glad to belong to this club. I like my pin very, very, very well. Good-bye.—John Robert Eastman, 189 Caryl Ave., Yonkers, N. Y.
—You are quite a poet, John, and I am glad you like Our Club and the pin.

Dear Uncle Ned:—I received my pin and motto and have done what you told me to do, Uncle Ned. I have hung my motto up in my room and every morning when I wake up I look at it and say I will try to live up to the motto. I forgot to tell you last time I wrote that I am a scout and I hope I can make a good one too. Uncle Ned, I cannot tell you how very, very glad I was to receive your letter. It was the first letter I had that was like that. I am at Kalamazoo now but am going back to Doster. I am here in my home in Kalamazoo. My mother and daddy work so I get dinner for myself and get supper for my mother and daddy at night. I hope you are feeling fine.—Junita White, Doster, Mich.
—I am pleased that you are living up to our motto. By so doing it will help you become a good scout.

CAN YOU GIVE THIS PICTURE A TITLE?



SPECIAL

Take advantage of the Special Trial Offer in the Flex-O-Glass ad on page twenty.

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CROP REPORTS

Oscoda.—Plenty of rain is delaying farmers in fall planting, potato digging has begun and not yielding very well. Silo filling done. Farmers sowing quite large acreage of rye and some wheat. Quotations at Tustin: Wheat, \$1.20; corn \$1.00; oats, 55c bu.; rye, 30c bu.; beans, \$4.00 cwt.; potatoes, \$1.00 cwt.; butter, 40c lb.; eggs, 36c doz.—R. S. C., Oct. 12.

Monroe.—Not much to report just now. Silos mostly filled. Not husking yet. Some corn not cut. Crop is not up to what corn was last year. Plenty of rain so far. Neither drought nor flood. Quotations at Monroe: Wheat, \$1.26 bu.; corn, \$1.25 cwt.; oats 43c bu.; rye, 90c bu.; potatoes, \$1.00 bu.; eggs, 36c doz.—Mrs. F. H., Oct. 12.

Hillsdale.—No killing frosts yet. All tomatoes, etc., are as green as they were a month ago. Silo filling about over. Corn made some improvement last four weeks since rains came. Wheat is a large acreage and nearly all was fertilized with chemicals. Very few farms are being sold, and these few being traded for Detroit property. Help is more plentiful. Potatoes small crop.—L. W. M., Oct. 12.

Huron.—Heavy rains last night; killing frosts 9th; crops mature; few beans in field; bean threshing general; yield reported by thrasher from 5-7 bu. per acre. Sweet clover like donating to Salvation Army. Potato digging short; sound crop; price declined to 75c. Sugar beets increased in volume 6 times since September 10th, growing up out ground like marigolds, rough and swallow tailed but promising; heavy wind picked all late apples but spies and other limber twigs; boys and cider mill inseparable. Quotations at Port Hope: Beans, \$5.05 cwt.; potatoes, \$1.25 bu.—E. R., Oct. 11.

Genesee.—We had considerable rainy weather which has interfered with outside work. Some farmers trying to get silos filled which is later than usual this year, due to later falls. Late potatoes being dug and yield is not extra good averaging from poor to fair. Buckwheat is cut, very little threshed however. Has been impossible for it to dry much owing to frequent rains. Quotations at Flint: Wheat, \$1.22 bu.; corn, \$1.05 bu.; oats, 49c bu.; rye, 85c bu.; beans, \$5.10 cwt.; potatoes, \$2.10 cwt.; butter, 49c lb.; eggs, 42c doz.—H. S., Oct. 13.

Montcalm.—Lots of moisture, rains nearly every other day. Farmers trying to get beans harvested; bean crop will be very poor this year. Everybody busy finishing corn cutting and digging spuds. Pastures are surely good. Beef cattle good price. Quite hard frost recently. Quotations at Stanton: Wheat, \$1.12 bu.; corn, 50c bu.; oats, 42c bu.; rye 82c bu.; beans,

\$5.20 cwt.; potatoes, 60c bu.; butter, 50c lb.; eggs, 30c doz.—Mrs. C. T., Oct. 14.

Newaygo.—Still raining and windy. Afraid for bean crop as so many fields are moulding and sprouting in pods and impossible to get them dry and in. Also hard to get potatoes out. Apples are sell for one and one and a quarter a bushel. Quite a few trucks busy. The season sure is a bad lookout for winter. Hard times are expected and everyone will need to count pennies. Quotations at Hesperia: Wheat, \$1.15 bu.; corn, \$1.18 bu.; oats, 50c bu.; rye, 75c bu.; beans, \$6.50 cwt.; potatoes, \$1.75 cwt.; butter, 50c lb.; eggs, 38c doz.—E. Mc., Oct. 12.

St. Joseph.—Corn all ripe and is better than expected. It's running about fair to good crop, wheat looks good. Clover seed yields heavy and good quality. Lots to be hulled yet. Recent rains hinder hulling considerable. Some potatoes being dug and seem to be good quality with somewhat lighter yields than a year ago.—A. J. Y., Oct. 13.

Tuscola (W).—Heavy rains of past week have made fall wheat look fine. Some beans yet in field to pull. A good many have started to harvest sugar beets. Crop looks pretty good. Corn nearly all cut before frost. Apples and potatoes are light crop. Quotations at Vassar: Wheat, \$1.16 bu.; corn, 95c bu.; oats, 44c bu.; rye, 84c bu.; beans, \$5.00 cwt.; potatoes, \$1.50 bu.; butter, 55c lb.; eggs, 36c doz.—J. T., Oct. 13.

Saginaw (N.W.).—This is fourth week of wet weather. Too wet to cut corn or pull beans; some beans to be pulled yet. Corn not all cut. Had two heavy frosts which killed everything. Wheat looks good, not many beans hulled. Late beans will be heavy pick. Some started to dig potatoes. No ploughing done yet. Some filling silos. Pullets starting to lay—some have them shut up for winter. Quotations at Hemlock: Wheat, \$1.15 bu.; corn, 95c bu.; oats, 44c bu.; rye, 78c bu.; beans, \$5.00 cwt.; butter, 45c lb.; eggs, 40c doz.—F. D., Oct. 12.

Saginaw (S.E.).—Several light frosts past week, followed by heavy rains. Wheat looking fine. Corn all in shock or in silos. Potato digging begun, light crop, but of good quality. Quotations at Birch Run: Wheat, \$1.17 bu.; corn, \$1.00 bu.; oats, 44c bu.; beans, \$5.10 cwt.; potatoes, \$1.00 bu.; butter, 47c lb.; eggs, 41c doz.—E. C. M., Oct. 14.

Hillsdale (N.W.).—Rain most of time, past two weeks with several extra hard rains. Farmers busy working in corn, cabbage and potatoes when weather permits. Apple picking about done. First community farm sale of season to be held on fairgrounds at Hillsdale, Saturday.—C. H., Oct. 14.

Potato and Corn Crops Are Short

(Continued from Page 3)

promises to be even above the normal consumption requirements, being estimated at 394,757,000 bushels. Because of late blight considerable rot is reported in eastern states, and this will tend to partially counteract the depressing effect on prices of this large national production.

Many beans were harvested during September without damage and the quality is unusually good. The pick will be somewhat larger from the late portion of the crop coming from the eastern counties of the bean district where there has been some rain damage. The State yield is 9.5 bushels per acre, and the yield in all sections is below average. Based on the acreage of 662,000, this gives 6,289,000 bushels compared with 6,624,000 bushels last year of which 5,300,000 bushels were merchantable.

With a yield of 28.5 bushels per acre, the same as a year ago, 5,415,000 bushels of heavy weight and excellent colored barley was harvested in Michigan. Buckwheat did not recover from the long drought and frosts of August, and the yield will be low. Drought has also shortened the prospects for sugar beets to 670,000 tons, but the sugar content will likely be above average this year. Prospects for this crop are much better in other states than in Michigan. Our hay was a big crop this year, and the average yield was 1.50 tons per acre for all tame varieties combined; first cuttings were especially good. The yield is boosted by the increased acreage of alfalfa in the State.

Apple prospects did not change during the month in Michigan, and less than one-half the 1926 crop will be produced in both Michigan and the United States. The quality is

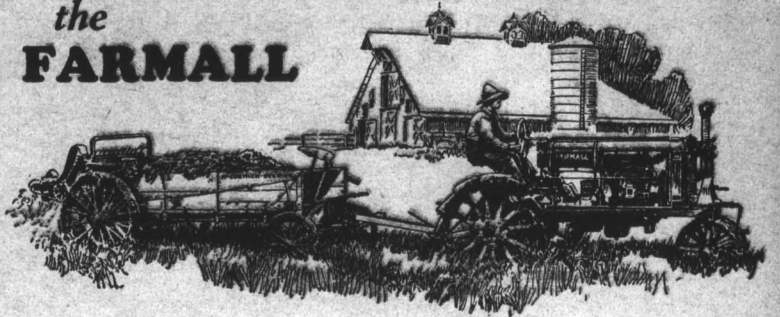
generally good in the better commercial orchards of the State, but is very scabby and inferior elsewhere. The bulk of the Michigan peach crop which is 34 per cent of a normal one, ripened within a few days during the hot weather of mid-September and had to be rushed to market with unusual speed. Trucks were unable to take care of the rush, and therefore the car-lot movement was much heavier than anticipated. The United States has 49.4 per cent of a normal crop of peaches this year. The Michigan crop improved late in the season, and a production only 17 per cent below last year is now forecast. However, the grape yield in the State now appears to be less than growers had expected earlier, but the sugar content is high.

CLOSING DATES FOR INTERNATIONAL ENTRIES

ENTRIES in the individual classes of the International Live Stock Exposition which will be held at the Chicago Union Stock Yards, Nov. 26 to Dec. 2, close on Nov. 1st and in the carload division on Nov. 19th, according to Secretary-Manager B. H. Heide. Grain and Hay Show entries may be made up to Nov. 10th.

The premium list which Mr. Heide is distributing among prospective exhibitors offers nearly \$110,000 in cash awards. Over 40 distinct breeds of beef cattle, horses, sheep and swine as well as numerous grades and crossbreds, and 22 different crops will compete in nearly 1050 classes. Roughly, \$45,000 will be distributed among the winners in the cattle classes, \$28,000 in the horse division, \$10,000 each in the sheep and swine departments, and \$15,000 in miscellaneous contests.

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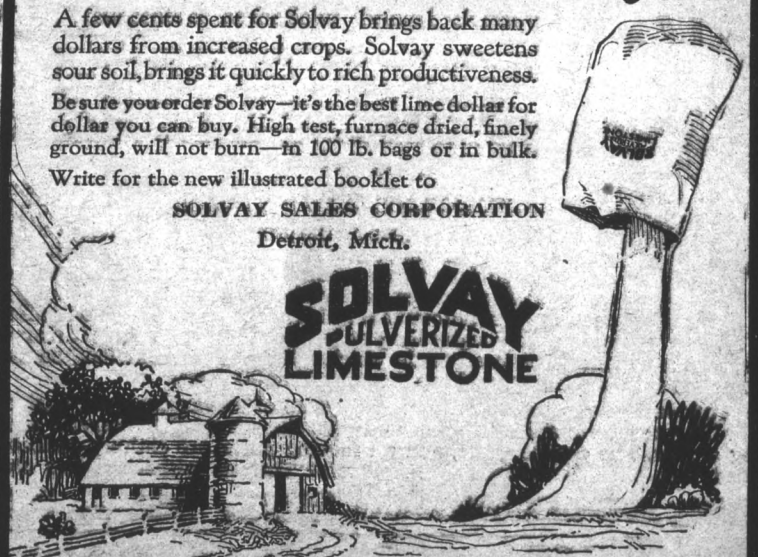
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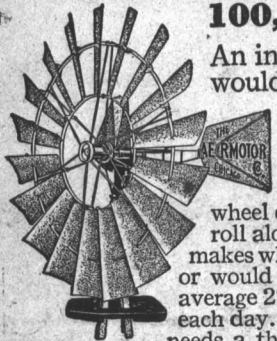
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DAIRY and LIVESTOCK

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

CULL THE PUREBREDS

MANY times dairymen compare notes regarding how good grade cows are when compared with purebred cows. Such comparisons are not always desirable.

Facts gathered through Michigan herd improvement associations throw light on the question of how profitable purebreds are compared with grade cows considering only milk and butterfat production.

Occasionally individual purebred cows have not produced as much butterfat as the best grade cows. A total of 4,836 purebred cows on test for twelve months show that they produced an average of 8,637 pounds milk and 332 pounds butterfat testing 3.8%. For the same period of 1926 and 1927 and under similar conditions, 6,956 grade cows show that they averaged 7,722 pounds milk and 315 pounds butterfat testing 4.1%.

There is no question but what grade cows are culled out more closely and severely than purebred cows. Thus these figures are more nearly a comparison of the very best grades against the purebreds retained on Michigan farms. The same methods of culling out low producing purebreds are needed in improving Michigan dairy cattle as are now in vogue in culling out low producing grade cows.

Further, good grade cows get all their high producing qualities from the purebreds. Thus this is a remarkable tribute to the purebred sire and shows the value clearly in improving the quality of Michigan dairy cattle.

Purebred dairy cattle breeders in Michigan to the extent of 35% of the owners of purebred cattle have been testing out the production of their cattle in Michigan dairy herd improvement associations. These men are the pioneers in developing a higher quality of purebreds in Michigan.

Results are bound to come when this great number of purebreds are under test and the figures for 1927 indicate that the purebreds are widening the gap in butterfat production when compared with the grades and when compared with the figures for 1926.—A. C. Baltzer, M. S. C.

CULL BEANS OR PEAS?

Are cull beans as good a feed for hogs as peas or pea flour even though the peas come a little higher? Which will the hogs eat most readily and should peas be cooked?—A. W. N., Pinckney, Mich.

CULL peas or pea flour would be a much more satisfactory than would cull beans. It would not be necessary to cook the peas although if fed whole or cracked they should be soaked before feeding. Both peas and beans are fairly rich in protein and for best results should be fed in combination with some carbonaceous feed such as corn or barley.—Geo. A. Brown, Professor of Animal Husbandry, M. S. C.

LETTING OUT SHEEP

A party that lets sheep out on shares offers me the following: His land adjoins mine, wild land. He offers to supply me with pasture land. He to supply the wire, I am to supply the posts and labor in putting up fence and I am to supply buildings on my land for winter. I have to stand all the feed costs outside of pasture and also have to stand losses. I am to get all the wool of all the sheep and his share is to be double the sheep at the end of the third year. Is this a fair deal? Is pea straw all right to feed in winter along with some clover hay?—L. A., Rudyard, Mich.

THE man taking these sheep on shares is certainly being offered a good proposition. Ordinarily, sheep are let out to double in from three to four years, with the man who takes the sheep furnishing everything. Where the man owning the sheep furnishes pasture he is providing just a little bit more than is customary, although with wild land the labor of fencing this land would, no doubt, offset this. Pea straw is an excellent feed for winter.—George A. Brown, Professor in Animal Husbandry, M. S. C.



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•Fruit and Orchard•

Edited by HERBERT NAFZIGER

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

McINTOSH AND DELICIOUS

I am thinking of setting a few apples. I have some McIntosh and Delicious set. What can you say of these two? Would you advise setting Wagener



Herbert Nafziger

and, as they are no a large tree, would you set cherries as filler with apples forty feet? Our local commission man advised me to stay by old varieties; Spy, Baldwin, Greening. Would like to add two more to my present two: say Wagener and Greening. Would you advise German Prunes in heavy ground?—J. C. M., Scottville, Mich.

McINTOSH and Delicious are both more or less self sterile so the combination of the two will do very well to pollinate each other. Personally I believe that the McIntosh is the better variety of the two for the commercial orchardists in Michigan. Your commission man gave you good advice when he told you to stick to the standard varieties. You are safe in planting Greenings. It is one of our most productive varieties, but be sure to get Rhode Island Greening. If the Spy does well and colors well in your neighborhood, then you should by all means plant some Spies. They are hard to beat. Our experience with the Wagener has been that it is very fine and very productive while young, but it is small and poorly colored on old trees. We would venture the suggestion that you plant some Spies and use Wagners as fillers between the Spies. We are using this combination on our own place and find it very satisfactory. The Wagners "bear their heads off" while you are waiting for the Spies to bear, and then when the Spies get down to business and need more room the Wagners will be on the down grade and it will not require such a lot of courage to pull them out. The Wagener would also do very well as a filler between the Greenings and McIntosh.

I know of no reason why your plan of using cherries as fillers should not be O. K. provided you are blessed with the necessary amount of gump-tion to pull them out when they begin to crowd the apples trees.

If you want some good blue plums, we would suggest the Grand Duke and the Monarch.

Veterinary Department

Edited by DR. GEO. H. CONN

(Questions gladly answered free for paid-up subscribers. You receive a personal letter.)

COW AND SOW AILING

I have a cow that gives stringy milk from one teat. She is six years old. Would like to know a remedy. I also have a sow three years old, that seems to have rheumatism in her legs and wants to lay down most of the time. She is running around a straw stack and am feeding her oats and Barley chop.—J. W., Port Austin, Michigan.

FOR the cow would give her a teaspoonful of fluid extract of poke root night and morning in a little water for a week or ten days as a drench. Then massage the affected quarter with white or ammonia liniment which any druggist can supply. Give her a long rest before she freshens again. Do not use the milk from the affected quarter until it is all right.

Your sow is developing rickets; you should get some tankage and add 15 lbs. of bonemeal to each 100 lbs. of it. Give this sow about 3 lbs. of this mixture each day in some milk. She should also have two table-spoonful of cod liver oil night and morning in her milk. Keep her away from the straw stack but out of doors in a dry lot.

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FOR SALE 150 HEAD WHITE FACE AND Durham yearling steers and heifers. HUGHSTON & SCOTT, McBain, Mich.

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MAY ROSE GUERNSEYS—SENIOR SIRE SON of Langwater King of the May, dam made 537 B. F. Junior sire son of Langwater Sybarite 6 nearest dams average 719 B. F. His sire Langwater Steadfast sold for \$25,000. Young sires 4 to 11 mo. old. Visitors always welcome. W. W. TERRY & SON, Remus, Mich.

REGISTERED GUERNSEY BULL CALVES. Best of breeding. Price \$25.00 each. E. A. BLACK, Howard City, Mich.

For Sale, Registered Guernsey Young Bulls ready for service, from tested dams. A. R. ancestry. T. B. tested herd. A. M. Smith, Lake City, Mich.

10 REGISTERED GUERNSEY COWS AND HEIFERS soon to freshen. E. A. BLACK, Howard City, Mich.

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Beef type, dark reds, good grass flesh, most all bunches dehorned, each bunch even in size and show good breeding. Choice Herefords are usually market toppers when finished. Few bunches T. B. Tested. Will sell your choice from any bunch. State number and weight you prefer, 450 to 1000 lbs.

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FISTULA-HORSES CURED, \$5.00. SEND COAN CHEMICAL CO., Barnes, Kansas

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DELAINE RAMS—POLLED AND HORNED. 40 yearlings and 2-year-olds. Big husky fellows from good shearing stock. Write for prices or call and see them. FRED J. HOUSEMAN, R. 4, Abilene, Mich.

500 YOUNG BREEDING EWES ALL IN GOOD condition and prices to sell if interested. Let me hear from you. R. G. PALMER, Belding, Michigan.

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FOR SALE—GOOD DELAINE BREEDING EWES. PRICES RIGHT. H. A. TAYLOR, New Dover, Ohio.

(Directory Continued on Page 23)

Only 3½¢ a square foot for genuine FLEX-O-GLASS

ADmits ULTRA-VIOLET RAYS

Your own State Experiment Station has proved that hens lay to the limit in winter if kept indoors and at the same time exposed to Ultra-Violet Rays from the sun. Glass shuts these health-giving, egg-making rays out. Therefore you must use Flex-O-Glass, made on a double strength cloth base. Other uses listed below.

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Use it on POULTRY HOUSES
More Eggs—Stronger Chicks
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In factories, garages, school-houses, to diffuse sun glare.
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It's amazing the way hens lay in a Flex-O-Glass Scratch Shed. You will be astounded on sub-zero days when you find almost as many eggs as you get in summer. Millions of yards of strong, durable, weather proof Flex-O-Glass were sold for Scratch Sheds and Poultry House windows last year. Poultrymen everywhere doubled—some tripled—their profits. Thousands have written us telling of big egg production. Use 15 yards of Flex-O-Glass for 100 hens. Then use for baby chicks in Spring. Take advantage of Special Trial Offer on this exact amount.

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A large roll of Flex-O-Glass 3 ft. wide and 45 ft. long (15 sq. yds.) will be sent you postpaid for only \$5.00. If larger trial is wished, send \$3.00 for 25 yds. (3 x 75 ft.) or send \$3.50 for 30 yds. (3 x 90 ft.). Safe delivery and satisfaction guaranteed or your money back. 24 hour service. Mail a check or Money Order. Take advantage of this money back guarantee TRIAL OFFER—today.

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Find enclosed \$_____ for which send me _____ yards of Flex-O-Glass 36 inches wide, by prepaid parcel post. If I am not satisfied after using Flex-O-Glass 15 days I may return it and you will refund my money without question.
Name _____
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Good plumbing adds more to farm values than it costs

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Plumbing fixtures, water systems, and softeners are sold in your city

SEE YOUR DEALER

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New York, September 28, 1927.
The Board of Directors have declared a quarterly dividend of Sixty Cents (60¢) a share on the Common Stock of this Company, payable November 15, 1927, to Common Stockholders of record at the close of business November 1st, 1927.
Checks will be mailed. Transfer books will not close.
OWEN SHEPHERD, Vice-President & Treasurer.

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TREGO PORTABLE PHONO \$9.90

With the Farm Flocks

RULE FOR FEEDING HENS

Will you please give me the laying rations for fifteen buff rock hens in feed by quarts? Have meat scraps right in coop and my dry mash is equal parts of corn meal, oatmeal, and middlings, for scratch feed corn and wheat. I am feeding to fatten and if all right how many quarts should I feed at a time and how often am I to feed? Am getting two and three eggs now a day but not by the same hens always and are oats a good feed for scratch, have oyster shells all the while?—Mrs. L. A., Marion, Michigan.

A GOOD rule to follow in feeding hens is to allow twelve pounds of scratch feed per day to each hundred birds, keeping the mash before them at all times. Many times the birds will demand a greater amount of scratch feed, but the amount given over twelve pounds should be governed by the birds appetite.—C. G. Card, Professor of Poultry Husbandry, M. S. C.

SPOTS IN EGG

Could you please tell me what makes spots in the eggs? It consists of a kind of fleshy substance with blood in it and it is about the size of a field pea. My hens all seem to be healthy.—Mrs. J. K., Eckford, Mich.

THE fleshy substance which you mention in the egg is caused by some small part of the ovary slipping off with the egg yolk. There is no need for alarm as a few of these eggs are laid in any flock.—J. M. Moore, Extension Poultryman, M. S. C.

"ALFALFA BILL" NELSON MAKES SANDY LAND PRODUCTIVE

(Continued from Page 4)

Farmer Bill fooled them. As soon as they showed up he would disc or harrow the land. He did this until about August first when it seemed certain that they had been killed.

Mr. Nelson now mixes 500 pounds of acid phosphate with 200 pounds of sulphate ammonia which he sows to about an acre and a half of land, besides all the barnyard manure he can get.

Immediately after a rain in the latter part of July or the first part of August he sows the seed, not more than eight pounds to the acre. Nelson has found that this moisture is necessary for the seed to germinate and to get a start on the light sand.

Even Jason Woodman was surprised those first years. One night at a farmers' meeting Mr. Woodman announced that for once he was not going to do any talking, but that there was a man in their midst whom he was going to have talk. That man was Farmer Bill. He made them a little speech, straight from the heart, because he loved to talk about alfalfa. Nelson was no public speaker but he certainly knew what he was talking about. That was why he was asked by the Farm Crops Department to give a radio talk over WKAR to the farmers of Michigan in January and it was fascinating to listen to him tell the story of his success in getting the best of the blow sand.

The alfalfa is cut when one third of the plants are in bloom and the new buds are well started. Mr. Nelson cuts cross ways of the field and rakes cross ways of the swath, in order to save as many of the leaves as possible. He only makes two cuttings a season.—Donald Kline.

SAGINAW COUNTY DETECTIVE GETS \$50

(Continued from Page 4)

late Mr. Geddes on his excellent record during his service as county detective. In a little over two years, he has had one hundred and eighty arrests and convictions and ten of them have been chicken thieves since the first of this year—a record any officer can be proud of. That farmers of Saginaw county appreciate Mr. Geddes may be shown by resolutions adopted by one farm organization in the county. It's but the expression of hundreds of other farmers with whom our Field Service men talked during past months while they were working in Saginaw county.

"We Lime the Earth"



Lime Service

Spread good lime while you're at it—your time and bother are the same, regardless of the quality you use.

Comes to you clean, pure, packed in strong, 50 lb. paper sacks, every sack guaranteed. And it has no superior as a neutralizer of acids. Its analysis guaranteed.

Banner Agricultural Limestone (our other dependable quality) and Superior Agricultural Hydrate Lime are on sale at nearby dealers.



PEERLESS LIME PRODUCTS CO.
HILLSDALE MICH.

K-R-O Kills Rats Only

This new powder kills rats and mice but nothing else

Get rid of rats without danger to your children, livestock, pets or poultry.

Think what this means to you!

K-R-O may be used freely in the home, barn or poultry house with absolute safety. Actual tests have proved that it kills rats and mice every time but other animals and poultry are not injured by the largest doses.

Not a Poison

K-R-O does not contain arsenic, phosphorus or barium carbonate. Made of squill bulbs—the new safe way urged by government experts. At your druggist, 75¢. Large size (4 times as much) \$2.00. Or sent direct from us postpaid if he cannot supply you. Satisfaction guaranteed. K-R-O Company, Springfield, Ohio.

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Rates: From THREE DOLLARS per DAY

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Grateful user writes: "Have tried everything. After 3 applications of Absorbine, found swelling gone. Thank you for the wonderful results obtained. I will recommend Absorbine to my neighbors."

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Send me freight prepaid prices and sample. (9)

Name _____

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How much material will you require, or give us the size of your building for us to estimate.

Thought Asthma Would Smother Her

Sleeps All Night Now. Bronchial Trouble Is Gone.

How to get rid of asthma and severe bronchial coughs is convincingly told in a letter written by Mrs. E. J. Bain, 1902 W. Vermont St., Indianapolis, Ind. It says:

"I had bronchial asthma so severely that I could not do anything. I was so weak and nervous, it just seemed I would drop at every step. I had no appetite, could not sleep at night, and had to sit in a chair so I could breathe. When I would lie down it seemed as if I would smother to death. Since taking Nacor, every symptom of asthma has left me, and I did not have a bad cold or cough all winter. I can walk quite well, have a good appetite, weigh 150 pounds, sleep well at night and am stronger than I have been for several years. I owe it all to Nacor and am willing to tell others."

Hundreds of other Indianapolis sufferers from asthma, bronchitis and severe chronic coughs have reported their recovery, after years of affliction. Their letters and a booklet of valuable information about these stubborn diseases will be furnished free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how serious your case seems, write for this free booklet today. It may give you whole life a new meaning.—(Adv.)

Cured His Rupture

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, carpenter, 133A Marcellus Avenue, Manassas, N. J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.—(Adv.)

PULLETS YEARLING HENS BREEDING COCKERELS
Lowest Prices NOW on Pullets of all ages. 10,000 Available. All birds shipped C. O. D. on approval. Write for special prices.
FAIRVIEW HATCHERY & FARMS
Box B Zeeland, Michigan



"SERIOUS PROBLEM," SAYS POWELL
"I wish all of our farmers could visit Canada and see what the corn borer has done over here," said Commissioner Powell of the State Department of Agriculture during the recent tour of 150 specialists through Kent and Essex counties, Canada. "They would appreciate far more the seriousness of the problem."

What the Neighbors Say

MARKETING BEANS

DEAR EDITOR: Your editorial in a recent issue about beans interested me and I have taken this opportunity to write you the thoughts of our neighborhood on the marketing of beans.

Last year we sold our beans to the local elevator and at the time the price was \$3.85 per hundred pounds. But did we receive that? Absolutely not! We allowed the elevator \$1.43 for picking and received \$2.42 for our beans. Now the way nearly every one around here feels is that the elevators are robbing us as we pay twelve cents a pound to have the beans picked and do not even get the picks back, but have to pay on top of this \$20.00 per ton for cull beans.

In one case a man bought seed beans from the elevator and paid a fancy price for hand picked beans. After sowing he had a hundred pound bag left and the elevator man, not knowing at first that they were seed beans that were being returned, picked a sample and was going to take out an eleven pound pick, so it goes to sow that they do not pick as close after they get our beans for themselves as they want to pick for us on our samples.

I am inclined to think the trouble at present is with our elevators. They know what the markets are and if they would give us a square deal on the beans the farmer would be satisfied with a fair price and our culls back, or receive some return for them. We give the elevator \$40.00 on 150 bushels or 750 pounds of beans.

Yours for better marketing conditions and much praise for your help on the chicken thieves.—C. B., Eaton County.

ERROR NOT OURS

DEAR EDITOR: In looking over the list of awards in the wool exhibits at the State Fair which appeared in the September 24th issue I wish to call your attention to an error. I got first and second ribbons and the money but someone else was credited with them in the paper.—Dan Roohar, Osceola County, Michigan.

—We are very sorry, Neighbor Roohar, that this error was made, but it was not our fault as we copied it from a list that we received. Since then we have received a second list that shows you won first and second in the Quarter Blood Staple class.—Editor.

CANCER—FREE BOOK SENT ON REQUEST

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



The bird illustrated above is one of the Larro Research Farm flock raised on Larro Chick Starter and Larro Growing Mash.

GIVE those pullets the right start now with Larro Egg Mash! You've spent good money getting them ready for fall and winter production. Don't take chances with your investment. Make sure of the big extra profits they can produce for you by feeding them the one laying mash that will make them do their best.

Larro Egg Mash is a modern ration, developed at Larro Research Farm by poultry experts of national reputation and manufactured in the world's most modern feed plant. Every ingredient is standardized by special processes used only at the Larro Mill, so that the quality, analysis and feeding value of Larro Egg Mash does not change from one year's end to the next.

More money left after the feed bills are paid than from any other ration—is our claim for Larro Egg Mash! Results obtained by thousands of Larro feeders substantiate this claim. Get a trial order from your Larro dealer today. The results you get in production, flock health and increased profits will quickly convince you of the economy of Larro Egg Mash.

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FEEDS THAT DO NOT VARY FOR COWS · HOGS · POULTRY

All Larro Mashies contain the correct amount of dried buttermilk—minerals—vitamins. Results prove they have everything necessary in just the right proportions to make an ideal feed.



It is the Larro policy to make only rations of such quality as to yield the feeder the greatest possible profit. That is why we make only one feed for each purpose, as only one can be most profitable.

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An \$8.00 Value



WIND PROOF
WEAR PROOF
WATER PROOF
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All these excellent qualities are embodied in this wonder breech because it is made of a ten ounce double filled duck, and is lined with a 20 ounce OD all wool worsted serge material. They are strongly sewed, and bartacked at all strain points for extra strength. For the hunter, or outdoor workman they cannot be surpassed. Were they to be made today they would sell for at least \$8.00 a pair. They were made for the Army and have passed their rigid inspection. Sizes 30 to 42. State size. No. 1220 Price..... \$2.98 Plus Postage



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NOW—for the first time, the farmers of America have a chance—if they act quick!—to see and USE on 30 Days FREE Trial the NEW Low Model Belgian Melotte Cream Separator. In the NEW Melotte you NOW have a greater convenience and all-round satisfaction than was ever known before.

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Yes, you need not pay one cent for 4 Months after you receive the NEW Melotte. Special Introductory Low Price RIGHT NOW! 30 Days FREE Trial. Write for FREE Book and Special Offer.

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MARKET FLASHES



Corn Prospects Are Better Than Expected

Figures Show Good Demand for Farm Machinery This Year

By W. W. FOOTE, Market Editor.

MEN who have been making a careful investigation of existing farm conditions in different farming districts say wonderful benefits were brought forth by the phenomenal warm weather in September, and corn in particular shot ahead at a lively pace, to the great delight of the hosts of farmers throughout the corn belt states. It looks like a much larger crop of corn and much lower prices than were expected in the late summer, but still a short crop and much higher prices than those paid for last year's crop. There can be but one course for farmers to take after the corn is harvested, and that is to utilize it by feeding to stock, silos being especially de-

sirable in obtaining the best results. There is going to be lots of damaged corn, as well as much injured oats, and high grade seed corn will sell high. There is a shortage of old corn, and the supply a short time ago farm reserves were estimated at 160,000,000 bushels, against 270,000,000 bushels a year ago. From various parts of the country come reports of failure of the corn crop, and this is true of northern Illinois, where the corn is going to be cut by hand in many instances. Only a short time ago it was stated that corn growers had disked wheat on the land. The government crop report was a surprise, however, as it makes the corn crop only 44,000,000 bushels less than was harvested in 1926. There is about the same reduction in the oats crop, while the wheat crop looms up big, the yield being placed at 867,000,000 bushels, a gain over 1926 of 34,000,000 bushels. As for prices for wheat, the outlook does not appear to point to a high level unless farmers hold down their shipments to reduced amounts, for there is a large world production, and competition to secure buyers is sure to continue keen. At the present time wheat is selling well below last year and far under the high time this year.

Farm Machinery in Demand

The annual convention of the National Association of Farm Equipment Manufacturers has just been held in Chicago. Tractor, thrasher and combine manufacturers in attendance report a gratifying increase in sales and production during the past season. Tractor manufacturers have been running overtime in many cases and report increases in sales of from 25 to 60 per cent over 1926, which was a record year, with a total production of over 170,000 machines.

Cattle Prices Widen Out

Within a short time there has been a great boom in prices for prime cattle offered on the Chicago market, due to their real scarcity in feeding districts, and the best sold the highest in many years, while there was a great widening out of cattle values. The few fancy offerings sold away above the next grade, and the best long fed weighty steers sold much higher than prime yearlings. Cattle marketing for the year in western packing points has undergone a big falling off, and even the common and middling kinds had large advances, while the unusual situation has brought out a lively demand for stockers and feeders at large advances in prices, with late sales largely at \$8.50 to \$10. These cattle have sold at an extreme range of \$6.50 to \$11, with stock and feeder cows and heifers at \$5.75 to

ago. Marketing in the west is slowing up and Canada reports much wet weather.

CORN

Corn has dropped below the dollar mark at Detroit because of good weather and plenty of selling. Commission houses are fair buyers on the breaks.

OATS

Feeling the action in the corn market oats worked slightly lower, although at this writing there is no change as compared with last issue. December oats are selling under present delivery.

RYE

Active demand continues in the rye market and prices hold steady at higher levels. Germany seems to be the biggest buyer at present.

BEANS

"Summing up the present bean situation, we feel that growers would be unwise to sell beans of almost any variety at this time, if they are equipped, financially and otherwise, to hold them." That is the advice that was given to the bean growers of California the first of this month and to us it looks like excellent advice for Michigan growers to follow. The annual slump in prices is with us and dealers are going to load up and hold because the crop as a whole is in good condition. During the last few years they have made little more than the farmer on the crop but this looks like a chance to make up for past losses because there is a short crop. Someone will get paid well for the 1927 bean crop the way things look and the one to get paid is the one who holds the beans. At least that is the way the market looks to us after studying all of the facts available at present. Should the growers succeed in getting congress to raise the tariff there will be still more reason for higher prices.

POTATOES

Potato prices are lower than they should be and the sensible thing for a grower to do, in our opinion, is to put his surplus in storage for future sale, because when the actual shortage is determined there will be a scramble to get potatoes. Reports indicate that prices being paid farmers in the late potato regions average 50c per 100 pounds below a year ago. Michigan growers seem to be exercising good judgment by selling only what they have to.

THE BUSINESS FARMER'S MARKET SUMMARY

and Comparison with Markets Two Weeks Ago and One Year Ago

	Detroit Oct. 18	Chicago Oct. 17	Detroit Oct. 4	Detroit 1 yr. ago
WHEAT—				
No. 2 Red	\$1.89		\$1.85	\$1.41
No. 2 White	1.88		1.84	1.42
No. 2 Mixed	1.87		1.83	1.40
CORN—				
No. 2 Yellow	.96	.86 1/2 @ .88	1.00	.84
No. 3 Yellow	.94		.98	.82
OATS (New)				
No. 2 White	.55	.48 @ .49 1/2	.54	.50
No. 3 White	.53	.46 1/2 @ .49 1/2	.52	.48
RYE—				
Cash No. 2	1.06		1.04	.99
BEANS—				
C. H. P. Cwt.	5.45		5.45	4.80
POTATOES—				
Per Cwt.	2.33 @ 2.50	1.45 @ 2.00	1.93 @ 2.06	2.32 @ 3.17
HAY—				
No. 1 Tim.	14 @ 15.50	17 @ 18	15 @ 16	19 @ 20.50
No. 2 Tim.	13.50 @ 14	14 @ 16	13 @ 14	16 @ 17.50
No. 1 Clover	12 @ 13.50	17 @ 18	14 @ 15	16 @ 17.50
Light Mixed	13 @ 14.50	17 @ 18	14 @ 15	18 @ 19.50

Tuesday, October 18.—Wheat gains a cent while corn works lower. Other grains remain steady. Little business in beans.

511 Rats Killed

At One Baiting—Not a Poison

"First night I put out the new Rat Killer. I counted 511 dead rats," writes Pat Sneed of Oklahoma. "In three days' time I had picked up 511 dead ones. A pile of rats from one baiting."



So confident are the distributors that Imperial Rat Killer will do as well for you that they offer to send a large \$2.00 bottle (Farm Size), for only one dollar, on 10-Days' Trial. Send no money—just your name and address to Imperial Laboratories, 2530 Coss Co. building, Kansas City, Mo., and the shipment will be made at once, by C. O. D. mail. If it does not quickly kill these pests, your dollar will be cheerfully refunded. So write today.—(Adv.)

If you expect to have turkeys to sell at Thanksgiving or Christmas write to the

Detroit Beef Co.
1903 Adelaide St., Detroit, Mich.
for market price, instructions for dressing and general information regarding them.

[Oldest and most reliable commission house in Detroit]

save 1/3 to 1/2

New FREE Reduced Factory Prices. 5-Year Guarantee Bond on Stoves, Ranges, Furnaces, 200 styles and sizes. Beautiful porcelain enamel ranges and combination gas and coal stoves. Mahogany porcelain enamel heating stoves. Cash or easy terms. 24-hr. shipments. 30-day free trial. 800-day test. Satisfaction guaranteed. 28 years in business. 850,000 cases shipped. Write today for FREE book.

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Heating Stoves \$24.95 Up

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SPOTTED POLAND CHINA

Boars ready for service by Monarch Prize winning Boar at Worlds Fair. Oscar Voelker, Pigeon, Mich.

FOR SALE—DUROC JERSEY BOARS AND GILTS

LEWIS KLATY, Carsonville, Mich.

DUROC JERSEYS—BOARS AND GILTS. ALL ages at a bargain. Write us your wants.

JESSE BLISS & SON, Henderson, Mich.

TO LATE TO CLASSIFY

LIVESTOCK

FOR SALE—REGISTERED GUERNSEY BULL

1 year old, price \$75.00. ARTHUR GALLOWAY, Owosso, Michigan.

FOR SALE—REGISTERED ANGUS BULL

One year old. MARSHALL LILLY, Bronson, Michigan.

FOR SALE TWO RED DUAL PURPOSE SHORT-HORN BULLS

Sired by Laddie Boy, by Boan Archer. FAIRFIELD FARMS, Zeeland, Mich., Route 3.

HERD OF HOLSTEIN COWS OR HEIFERS WANTED

GENE MAHON, Route 6, Mt. Clemens, Michigan.

POULTRY

PURE BRED HAMMOTH BRONZE TURKEYS

Toms \$10; hens \$8. May hatched. Satisfaction Guaranteed. Mrs. Earl Kaley, Edmore, Mich.

Business Farmers' Exchange

TOBACCO

TOBACCO: KENTUCKY SWEETSHAF. MEL.

low. Ass'd. Smoking 5, 10, 25, 50, 100, 150, 250, 500, 1000. Best smoking 10, 25, 50, 100, 250. Any strength. Prompt shipment. Satisfaction guaranteed. Co-operators, Murray, Ky.

AGED NATURAL LEAF TOBACCO. SELECT

chewing, 3 pounds \$1.10, \$2.00, \$3.00, \$4.00, \$5.00, \$6.00, \$7.00, \$8.00, \$9.00, \$10.00. Best smoking 10, 25, 50, 100, 250. Any strength. Prompt shipment. Satisfaction guaranteed. Co-operators, Murray, Ky.

PET STOCK

MAKE BIG PROFITS WITH CHINCHILLA

Rabbits. Real money makers. Write for facts. 884 Conrad's Ranch, Denver, Colorado.

SEEDS AND PLANTS

CHOICE ADAPTED SMALL GRAIN AND

beans. Improved American Banner Wheat, Wolverine Oats. Improved Robust Beans. A. B. Cook, Owosso, Michigan.

DETROIT LIVE POULTRY

(Commission merchants' gross returns per pound to farmers, from which prices 5 per cent commission and transportation charges are deductible.)

Firm on all good stock. Hens colored, 5 lb., 26c; 4 to 4 1/2 lbs., 24c; leghorns and small colored, 15@16c; cocks, 16c. Broilers, 3 1/2 lbs. up, barred rocks, 27c; reds and white rocks, 26c; all colors, 2 to 3 lbs., 1c cheaper; leghorns, 23c. Ducks: White, 5 lbs. up, 23c; smaller or dark, 21c; geese, 20c.

DETROIT BUTTER AND EGGS

Butter firm; creamery, in tubs, 33-30 score, 41@43 1/2c. From farm, fresh firsts, 35@43c.

DETROIT SEEDS

Clover seed, cash imported, \$14.25; October, \$16.50; December, \$14.25; domestic December, \$16.50; Alsike, cash, \$14.95; December, \$15.10; January, \$15.50. Timothy—Cash, \$1.75; December, \$1.80; March, \$2.00.

LIVESTOCK MARKETS

DETROIT, Oct. 18.—Cattle.—Market slow but steady. Good to choice yearlings, dry fed, \$10.50@12.75; best heavy steers, dry fed, \$10.25@12; best handy weight butcher steers, \$8.25@9.75; mixed steers and heifers, \$8@9.25; handy light butchers, \$7.25@7.75; light butchers, \$6@7.25; best cows, \$7@8; butcher cows, \$6@6.25; common cows, \$4.50@5; canners, \$4@4.50; choice light bulls, \$6@7.75; heavy bulls, \$6@7.50; stock bulls, \$5@6.25; feeders, \$6.50@8.25; stockers, \$6.25@7.75; milkers and springers, \$65@125.

Veal Calves.—Market steady. Best, \$17@17.50; others, \$8@16.50.

Sheep and Lambs.—Market steady but slow. Best lambs, \$13.50@13.75; fair lambs, \$11@12; light to common lambs, \$6@9.50; buck lambs, \$7@12; fair to good sheep, \$5.50@6.50; culls and common, \$2@3.

Hogs.—Market, prospects 10 to 15 cents lower. Mixed hogs, \$11.85@11.90.



Week of October 23

THE cool weather of last week will continue into the opening days of the week beginning October 23rd. Soon after the week begins, however, there will be increasing cloudiness and storms of rain and wind will be reported from many counties in the state. Storminess will continue more or less prominent through the middle part of the week.

Following Wednesday and running through Thursday it is expected the temperatures will be lower but during the last two days of the week there will be another reaction to warmer.

While the weather will be mostly fair shortly after the middle of the week, cloudiness will again increase by Friday and during the remainder of the week showers, if not some locally heavy rains, will occur. Thunder storms are entirely probable in scattered sections of Michigan at end of this or beginning of next week.

Week of October 30

Hallowe'en, in fact the last days of October and beginning of November promises to be warm for the season. During this same period the precipitation will not be very general but locally there will be some heavy falls; in others, there will be a deficiency. In low lands and along rivers and other bodies of waters there will be numerous fogs during this period.

Temperatures will become lower by the middle of the week and continue in a more moderate nature during the last half. There will be an increase of storminess as the week draws to a close but while the precipitation will become more general than during previous storms, the amounts will be light generally. There will also be some storms of wind at this time that may turn out to be locally damaging.

BEAN STORAGE

Do you wish to store Beans for better values? Write us for information regarding our facilities and plans. We store in carlots and less. We issue receipts and arrange for advances.

Eastern Michigan Warehouse Co.
Port Huron Michigan



This Hotel turned backward to Old Time Hospitality

So the new and beautiful Detroit-Leland turned boldly back in its architecture, to man-size rooms, to wide, airy corridors, to numerous, ample and inviting public rooms and lobby arrangements.

Here, luxury is homelike. Here is a cuisine that has already become famous as Detroit's finest. Here is a management and service that seems to anticipate the guest's every need, and yet, so quiet and unobtrusive that there is no suggestion of officiousness.

700 Large Rooms with Bath—85% are priced from \$3.00 to \$5.00

DETROIT-LELAND HOTEL

Bagley at Cass, Detroit, Michigan (a few steps from the Michigan Theater)

WM. J. CHITTENDEN, Jr., Manager

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Cash in advance from all advertisers in this department, no exceptions and no discounts.

Forms close Monday noon preceding date of issue.

Address: MICHIGAN BUSINESS FARMER, Mt. Clemens, Michigan.

FARMS

MICHIGAN FARM—30 MILES FROM LANSING—240 acres, 1/4 mile from town, gravel road, good school, 190 cultivated, 30 acres timber, sugar bush, 10 room house, barn, garage, splendid community. Will be sold as an 80 and 160 if desired \$2,500 down, balance in 36 years at 5 per cent. Write for other bargains. Federal Land Bank, St. Paul Minn., Dept. 32.

160 ACRE DAIRY AND STOCK FARM IN Central Michigan. Productive clay loam. Good buildings, the site. Owner lives in another state and will sell at a sacrifice. \$40 per acre. Easy terms. Write to C. L. Rose, Evart, Mich.

GROW WITH SOUTHERN GEORGIA. GOOD lands, low prices still available. Write Chamber of Commerce, Quitman, Ga.

BARGAIN 30 ACRES. FRUIT, POULTRY, GOOD buildings. Shady Rest Farm, Allegan, R. 8, Michigan.

INVESTIGATE ONE OF EATON COUNTY'S best 80 acre farms for sale or trade for smaller place. Write Box 987, Kalamazoo, Mich.

FOR SALE—FARMS TAKEN ON MORTGAGE. Easy terms. Address, The Citizens State Bank, Clare, Mich.

POSITION WANTED

WANTED—WORK ON FARM AS MANAGER or by month. L. Atkin, Otisville, Mich.

DOGS

SEND 10 CENTS FOR INDIVIDUAL DESCRIPTION of 50 hounds. Photo Group. Fur Price List. Lakeland Fur Dog Exchange, Salem, Mich.

POULTRY

WHITTAKER'S MICHIGAN REDS. BOTH combs. Cocks, Hens, Cockerels and Pullets. Michigan's Greatest Color and Egg Strain. Write for Price List Interlakes Farm, Box 2, Lawrence, Michigan.

PINECROFT BARRED ROCK CHICKS ARE accredited and Blood Tested. We start our incubator December 15th. Write for broiler prices. Pinecroft Poultry Farm & Hatchery, Owosso, Michigan, Dept. A.

PULLETS ENGLISH WHITE LEGHORN FOUR months, 75c. Five months, \$1.00. Six months, some laying, at \$1.15. Brown Leghorns, four months, 75c. All from state accredited flocks. H. Knoll, Jr., Holland, Mich., R. 1.

BARRED ROCK PULLETS 75c EACH. BOUR-bon red May hatched turkeys. Toms \$5.00 hens \$4.00. Freed Fausnaugh, Chesaning, Mich.

HUNDERMAN BROS. SINGLE COMB WHITE Leghorns and Brown Leghorns. Yearling Hens and Pullets. Some pullets will soon be ready to lay. Let us quote you price on what ever you need. Hunderman Bros., Zeeland, Mich., R. 3.

YEARLING HENS AND PULLETS. SINGLE Comb White Leghorns and Sheppard's Strain Single Comb Anconas. Some pullets are ready to lay. Let us quote you our low price on what you need. We are Michigan Accredited. Townline Poultry Farm, Zeeland, Michigan.

MISCELLANEOUS

BUY WORSTED YARNS DIRECT FROM MAN-ufacturers at a big saving. Many beautiful shades and heather mixtures for Hand Knitting. Machine and rug yarns. 50c per 3 oz. skein. Postage Paid. Write for free samples. Concord Worsted Mills, Concord, N. H.

MAKE \$25.00 DAILY SELLING COLORED Hamcoats and slickers. Red, Blue, Green, etc. \$2.95. Hat Free. Commissions daily. Outfit Free. Elliott Bradley, 241 Van Buren Dept. BK-10, Chicago.

MAKE \$50 TO \$75 A WEEK. EVERYONE needs shoes. Sell Mason's all-leather shoes. amazingly low prices. 35 styles—men's, women's, children's. No experience needed. Big outfit Free. Mason Shoe Mfg., Dept. 3610, Chippewa Falls, Wisconsin.

MEN, GET FOREST RANGER JOB; \$125-\$200 month and home furnished; permanent, hunt fish, trap. For details, write Norton, 347 Temple Court, Denver, Colo.

BARREL LOTS SLIGHTLY DAMAGED CROCK-ery, Hotel Chinaware, Cookware, Glassware, etc. Shipped direct from Factory to Consumer. Write for Particulars. E. Swasey & Co., Portland, Maine.

WLS SEARS ROEBUCK RADIO STATION broadcasts produce markets at 10 o'clock and noon every day furnished by Coyne and Nevins Co., 1131 Fulton Market, Chicago. Poultry, Veal wanted for premium trade.

BE AN AUCTIONEER, A SPECIALTY SALES-man. Send for free illustrated Catalogue, also how to obtain the Home Study Course free of charge. Address: Reppert's Auction School, Box 60, Decatur, Indiana.

600 MILE RADIO. \$2.95 POSTPAID. NEEDS no tubes, batteries, or electrical current. Over 300,000 homes have them. Picture and folder sent free. National Radio Sales Co., Fuller Bldg., Wichita, Kansas.

One Handy Compact Unit on Wheels

Guaranteed 10 Years



Gas Engine, Electric or Hand Power

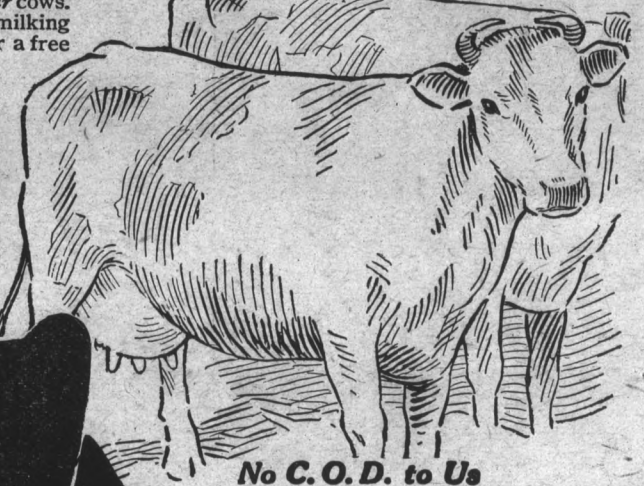
Wheel it in *and* Start Milking

**No Installation—No Pipelines—No Pulsators
No Vacuum Tanks—No Complex Teat Cups
No Valves—No Separate Pails**

Mr. Dairyman! You can't imagine what this simple, easily cleaned milker will mean to you until you've used it on your cows. The free trial will convince you. And that awful milking problem is solved. **DON'T MISS THIS** chance for a free trial while this offer lasts.

Read what Chas. H. Lien, R. No. 3, St. Cloud, Minn., says:—"The Page is easier on the cows than hand milking and gets much cleaner milk. It is a wonderful machine, simple in construction, and easy to operate. The page will do anything any milking machine will do and it costs a great deal less." And Mr. Henry Kosab, Fairmont, Minn., writes us:—"The Page Gas Milker is cheap to operate. It cleans itself after each milking. It is the most sanitary machine and it is easy on cows. I will never go back to hand milking."

—Norwalk, Wis.
—ate. The



No C. O. D. to Us

At Last!

—the milking machine problem has been solved—yes, *solved!*—and we'll prove it to your entire satisfaction on YOUR OWN cows, in your own barn, *before you pay us one cent.* And, if you are not more than satisfied, you just send the milker back at our expense. But we know you, like other dairymen using this great milker, will be **DELIGHTED** and we back this machine with our **10 YEAR GUARANTEE.**

No Installation

Just wheel any model—gas, electric or hand power—into your barn and start milking. **NOTHING TO INSTALL.** No pipelines, no tanks. It's all in one handy, compact unit—on wheels. Comes complete—ready to use.

And It's So Simple

No pipe lines to freeze up or bother with. No pulsators or vacuum tanks. No complicated teat cups. (Our **FREE** booklet explains all these improvements and many others.) No extra pails. No valves. **NO MORE MILKING MACHINE WORRIES.** Easy to take apart. Visible milk flow. Motor or gas engine models can be pumped by hand if power is off. It's so simple. A child can operate or move it.

So Easy to Clean

No pipe lines to clean. No rubber lined teat cups to wash. No extra parts to bother with. No pails to wash—you milk right into YOUR OWN shipping can. It is a boon to housewives. So few parts—and it almost cleans itself by pumping a little water through it. Absolutely **SANITARY.**

The Cows Like It

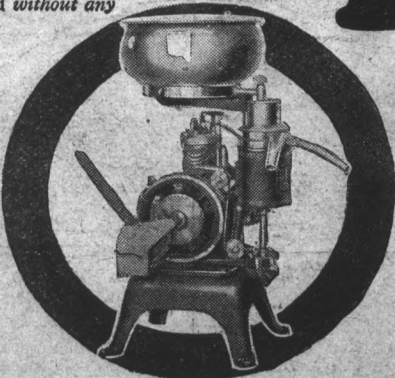
Our positive break in vacuum is better for the teats and udder. Many dairymen write us their cows take to this milker immediately. Others say they actually get more milk.

Price Low—Upkeep Very Small

And so few parts of this perfected simple milker allow a surprisingly low price and 8 months to pay. And, too, the upkeep is exceptionally small—almost negligible. Just mail the coupon—we want to tell you more about this truly marvelous milker—and we will send you an illustrated booklet explaining these recent discoveries, **WITH OUR COMPLIMENTS**—and without any obligation whatsoever to you.

A Wonderful Cream Separator

The Page Separator, with engine or electric power **BUILT-IN.** The closest skimmer by far, of all separators. The larger, heavier bowl with more discs and **built-in power is the secret.** Also special foot starter. You may get enough extra butter fat profits to pay for the Page in a year or less. **Send coupon NOW.**



What They Say!

Thousands of dairymen write us like this:

"Can milk 6 cows and strip them in 15 minutes. Cows like it better than hand milking. Easy to keep clean. My wife can use it just as good as I can."—Geo. Miller, R. 3, La Salle, Ill.

"My 13 year old boy milks 16 cows. It has saved me hiring an extra man. Less trouble to care for than our separator. The milk is clean which is impossible by hand."—Chas. T. Branham, R. 4, Tuscola, Ill.

"I have never had one minute's trouble with my Page milker. Does the work. Never freezes up in cold weather like pipe line machines."—Edward R. Hayes, Woodson, Ill.

Free Book!

On Milking

Let us send you this free illustrated book explaining the latest discoveries in machine milkers. It shows why no dairyman can afford to be without a milker and helps to select the proper milker for YOUR OWN purpose. It's full of important facts—an education in Milking Machines. This wonderful illustrated book is sent with our compliments and obligates you in NO way whatever. Mail coupon today—right NOW while these books last.

Special Farmer Agent Offer

and that \$5 only
**AFTER
Free
Trial**

Yes, Mr. Dairyman, this new Improved Milker has given such remarkable satisfaction to other dairymen that we will gladly ship it to you and let you see for yourself what it will mean to you *before you pay us one cent.* Just wheel it into your barn and try it on YOUR OWN cows—*nothing to install.* It comes complete and ready to use. No expense, no bother. Try it *thoroughly.* Then, if you are not more—yes, **MORE** than **DELIGHTED**, just send it back at OUR expense without argument, or fuss, or any ill feeling. That is our offer. But if you find this milker is all or more than we have said and if you are thoroughly satisfied (you and you only to be the judge) then you may send us \$5 and you can have

8 Months to Pay

on this **SPECIAL "direct to dairyman" offer** (good only if you have not yet seen a salesman or agent in your territory). We will ship **DIRECT TO YOU** and allow you our **SPECIAL ROCK-BOTTOM PRICE.**

**Burton Page Co., Dept. 6167
400 N. Michigan Ave., Chicago**

Please send me your free booklet containing the facts on milking machines and full details of your free trial, easy payment offer on the Portable Page Milkers.

Name

Address

Do you want our separator offer? ☐

Would you like to be a **FARMER AGENT?** ☐