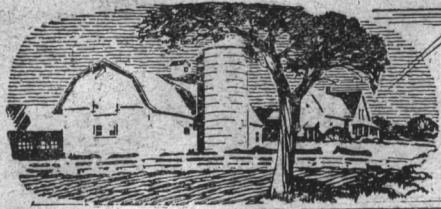


VOL. XV, No. 2

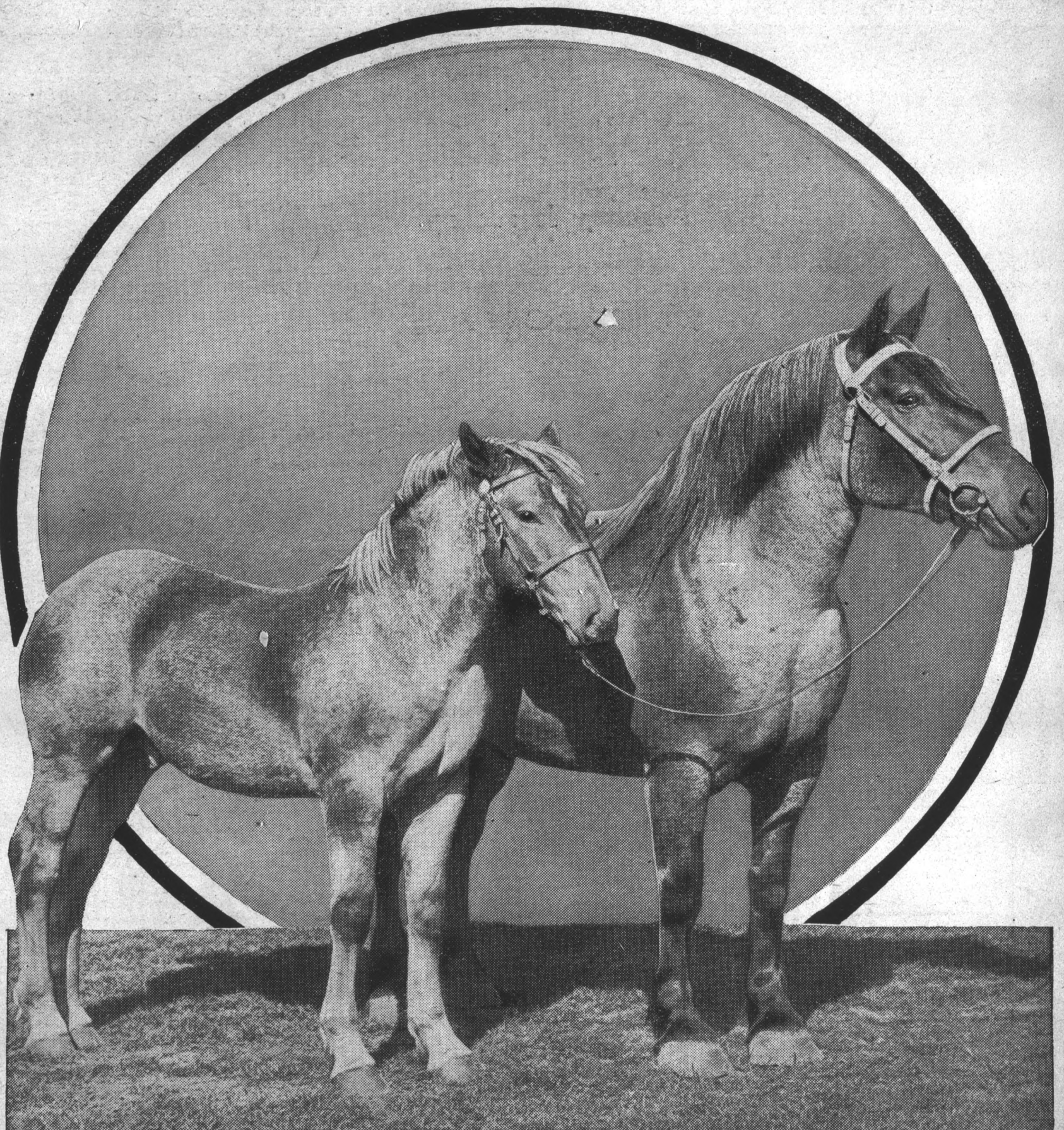
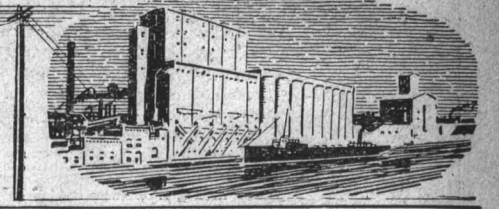
*The Michigan*

SEPTEMBER 24, 1927

# BUSINESS FARMER



*An Independent  
Farm Magazine Owned and  
Edited in Michigan*



BLUE RIBBON WINNERS

**In this issue: "Defends Principles of the McNary-Haugen Bill" — "Back Again to the Land Where Tex Meets Mex" — "Did Yon Go to the Michigan State Fair?" — "The McNaughton System of Harvesting Beans During Wet Weather" — and Many Other Features**



# The Guide To Good Tractor Lubrication

If you want full time work out of your tractor—at the least possible expense—follow this chart. It tells you exactly what grade of Polarine your tractor requires.

The Standard Oil Company (Indiana) has manufactured a grade of Polarine for each type of engine.

Polarine lubricates every part of the engine—cushions it with oil—protects it from friction. A tractor lubricated with Polarine

will last long and wear well. Day after day always ready, never sick, never tired—a machine you can depend upon to get your work done when you want it done! Working away, week in and week out, with steady strength and powerful pull!

Polarine is the faithful "standby" of many thousands of farmers in the Middle West. They have found that it gives maximum lubrication at minimum cost.

*Polarine Special Heavy is recommended for Fordsons*

KEY TO CHART	
H—Polarine	Heavy
SH—Polarine	Special Heavy
EH—Polarine	Extra Heavy
F(S)—Polarine F	(Summer)

## CHART OF Polarine THE PERFECT MOTOR OIL LUBRICATING RECOMMENDATIONS FOR

### TRACTORS

Grade Recommended for Engine (In Winter use next lighter grade)						Grade Recommended for Engine (In Winter use next lighter grade)						Grade Recommended for Engine (In Winter use next lighter grade)					
Make of Tractor	1927	1926	1925	1924	1923	Make of Tractor	1927	1926	1925	1924	1923	Make of Tractor	1927	1926	1925	1924	1923
Advance-Rumley Oil Pull Allis Chalmers 6-12	EH	EH	EH	EH	EH	Cletrac Coleman Cultor	SH	SH	SH	SH	SH	Monarch Nichols & Shepard Nilson	SH	SH	SH	SH	SH
Allis Chalmers 15-25, 20-35 Allwork	SH	SH	SH	SH	SH	Eagle E. B. Farm Horse	EH	EH	EH	EH	EH	Pioneer Rock Island, 5-10 Rock Island, Others	EH	EH	EH	EH	EH
Andrews-Kinkade Appleton Aro		SH	SH	EH	EH	Fitch Four Drive Fordson Fox	SH	SH	SH	SH	SH	Russell, Giant Russell, Others Shawnee	SH	SH	SH	EH	EH
Aultman Taylor Avery, Road Razer Avery, Track Runner			H	H	SH	Frick Gray Hart Parr	SH	SH	SH	SH	SH	Stinson Tioga Titan	H	H	H	H	SH
Avery, Others Bailor Bates	EH	EH	EH	EH	EH	Huber J. T. John Deere	SH	SH	SH	SH	SH	Topp-Stewart Toro Townsend	SH	SH	SH	SH	SH
Bear Beeman Best	H	H	H	SH	SH	Keck Gonnerman LaCrosse Lauson	EH	SH	SH	SH	SH	Traylor Twin City, 40-65 Twin City, Others	H	H	H	H	H
Big Farmer Capital Case	SH	EH	EH	EH	EH	Leader Little Giant McCormick-Deering	SH	SH	SH	SH	SH	Uncle Sam Wallis Waterloo Boy	SH	SH	SH	SH	SH
Caterpillar, 2 Ton Caterpillar, Others Centaur	SH	SH	SH	SH	SH	Mead Morrison Minneapolis Moline	SH	SH	SH	SH	SH	Wetmore Yuba	SH	SH	SH	SH	SH

**Standard Oil Company, (Indiana)**

**910 South Michigan Avenue  
CHICAGO, ILLINOIS**

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THE ONLY  
FARM MAGAZINE  
OWNED AND  
EDITED IN  
MICHIGAN

Published Bi-Weekly at  
The Rural Publishing Company,  
Mt. Clemens, Michigan

"How to the line, let the chips fall where they may!"

# The Michigan BUSINESS FARMER

SATURDAY, SEPTEMBER 24, 1927

GEORGE M. SLOCUM  
Publisher

MILON GRINNELL  
Editor

Entered as 2nd class matter,  
Aug. 22, 1917, at Mt. Clemens,  
Mich., under act Mar. 3, 1879.

## Defends Principles of the McNary-Haugen Bill

*Believes It Would Work Satisfactorily But Administration Bill Will Not*

By JAS. N. McBRIDE

I WAS interested in some calculations made by Professor Ezekiel of the United States Bureau of Economics in connection with surplus of cotton for 1926, and the probable crop for 1927. The 1926 cotton crop was seventeen and one-half million bales, while this year's crop is estimated at twelve million, a decrease of one-third in round numbers. If four million bales could have been stored and carried over, so that to the grower the crop of 1926 would have averaged with this year's crop in prices, then the gain would have been \$238,000,000 on the two year's crops. The most striking part of Prof. Ezekiel's analysis is not this great gain to the grower but that if all this storage had been undertaken by all the cooperatives handling cotton, the total expense would have been borne by those who controlled less than 25 per cent while the gain at no expense would

have gone to the remaining 75 per cent.

If the cooperatives had controlled 30 per cent, they would have about broken even, while the balance would have made the total gain. If the cooperatives controlled one-half the crop and stored four million bales, their profit would have been seventy million dollars, while the non-cooperatives with no participation in the risk, would have gained \$168,000,000. These figures were given out on the basis of 20 cent cotton while at the present time, cotton has advanced to 23 cents per pound.

### The Bean Crop

Some rather quickly thrown together figures on the Michigan bean crop of 1926, the prospective 1927 crop, (subject to future estimates)

would be as follows: The 1926 bean crop averaged through the probable 1927 crop market season with a probable one-third reduction in yield, and a \$6.70 price per hundred would have brought the growers say \$1.00 per bushel more or between five and six million dollars. The point to be understood is the storage of the two million bushels of 1926 which burdened the market over into the 1927 year, which promises to be about that much short. The probable gain to the growers would have been around five million dollars. At this point comes some of the mathematics of such a carry-over, which is rather startling, yet in submitting it to operators no obvious criticism is found. To carry two million bushels over a period of exceeding the actual one year, with interest, ware-

housing, shrinkage, insurance, inspection, supervision, etc., would exceed 75 cents per bushel or \$1,500,000—the actual gain to the carrying cooperative body might be \$500,000. The actual apparent gain to those who took no risk, would be the full \$1.00 per bushel or say three million dollars. The season of 1925 averaged into the season of 1926 would have undoubtedly "broken" the cooperative storage body, as the total crop was large. Again one can well be reminded that with the large crop of these two years, there is no surplus now. Michigan is practically cleaned up of beans. The marketing of the crop has been done with disaster to the grower, small gain to the operator and "frozen paper" in the country banks.

### Administrative Measure

Under this recital of Michigan beans, one may well question the ad-

(Continued on page 17)

## Back Again to the Land Where Tex Meets Mex

By GEORGE M. SLOCUM

PART IX

TODAY we are riding from Torroen, in the sweltering desert-like heart of the northern mining district towards Monterrey. From the car-windows one might easily believe himself to be in the Holy Land. Pack trains of burros, their long ears and comical faces covered with dust and loaded down until it would seem their little backs would break, are hurried along by sombre-robed peon drivers whose long legs astride the tiny animal, drag along the roadway.

It is a desert-like country, across which the sand-storms drive like a blizzard and through which our train must at times proceed with caution, because the engineer can see hardly a car-length in front of his locomotive. They are baling the branches of the cactus-like shrub at one of the stations and we are told that an American company has recently perfected a method by which this long wasted plant can be utilized in the manufacture of rubber tires. Whether or not this is a fact, we had not the time to ascertain, but certain it is, that if this plant can be used to relieve the demand for high-priced rubber, we saw enough of it on our way northward out of Mexico to supply the motorcars of the world from now to the millennium and we challenge anyone to disprove our estimate!

### A Bird Paradise

If we were leaving Mexico with only a latent desire to come back and dig more deeply into the strange mysteries which have taunted us at every turn in this old land that is a part of our so-called "New World," it was quickened today into a flaming fire, for our train cut through the heart of what must be Nature's greatest sanctuary for water-fowl on the American continent.

For a full hour and a half we sat with our eyes fixed on a panorama of wild-bird life, such as we had never even dreamed of seeing. After many hours of desert riding, with our cars, our baggage and ourselves covered with an inch, it seemed, of yellow dust which came through the car windows like a smoke-screen, our train suddenly came to a wide expanse of marsh-land,

which stretched away towards the mountains on either side as far as the eye could reach. Across this marshy waste the railway has thrown-up a right-of-way, which runs we estimated for forty-five miles. We rubbed the dust from our feverish eyes and wondered if we were seeing things, for on every side were countless numbers of all kinds of wild-fowl. Many of the ducks looked not unlike our familiar Mallards, Red-heads and Canvas-backs and we wondered, as this was early April, if some of these birds might not already be making their plans for the long migration towards Hudsons Bay in faraway Canada, which would take them across the Great Lakes district from whence we came. Among the unfamiliar fowl were large wood ducks,

which scurried across the water as the train passed and flew into the tall marsh-grass where they perched, swaying in the breeze. Now and then, a deep-throated pelican, which we had always associated with salt-water, made us wonder if this stagnant marsh were not a partially dried-up lake of brackish or alkaline content; then too, as the pelican we know is only a fish-eater, we assumed that there must be fish in plenty here. All kinds of herons, some larger than we have ever seen, except in zoological gardens, strode away in their dignified manner through the shallow water or lifted their great wings to fly for a short distance from the noisy train. Most plentiful were little white and black divers, unlike any species we know,

with which the water seemed to be dotted in every direction. We saw no swans or geese, but as they are more timid than the species we have mentioned, we would not be surprised to learn that there were great flocks of these birds at a distance from the railway. What a paradise this would be for the student of natural history, who could spend months here in studying wild-fowl life and habits. When we come back to Mexico, as we now someday must, we will look forward to at least a week in this section, armed not with guns, but with kodaks and motion picture cameras, for it would be only ruthless slaughter to hunt here. A blind man could fire a gun in any direction and bring down game. It was quite evident that little hunting is done here, probably because the natives are too poor to afford ammunition and the few Mexican sportsmen who could afford it could scarcely make a dent in the great numbers here.

Mentioning bird-life recalls that, owing to the wide range of climate with which Mexico is blessed, all kinds of birds are to be found there, and as there are no game laws which are enforced, there is a ruthless hunting and netting of the song-birds which we treasure and protect in the United States. Many times we saw mocking birds, larks, gold-finches and rare tropical birds of brilliant plumage, beating their wings against the bars of small cages in which they had only recently been incarcerated. Few wild birds, thus imprisoned after maturity, live and rarer still is one that will sing, when the joy of its freedom is taken from it. Thus, there are many reasons, not all political, why it would be a God-send to our country to have Mexico on the same plane of friendly co-operation which we find in our neighbor to the north. Our feathered friends, intelligent as they doubtless are, can hardly be expected to observe the imaginary lines which man draws between two countries!

Editor's Note:—We regret that Mr. Slocum's ninth installment had to be divided, owing to our reports of the State Fair awards in this issue, the balance will follow in the first October number.



THE BIRD MARKET IN MEXICO CITY

No adobe is too humble, nor castle too grand in all of Mexico, to be without its flowers and its caged wild birds. Unfortunately, the game laws in Mexico do not protect our feathered friends and they are captured by nets both for food and caging purposes.



# Did You Go To The Michigan State Fair?

For the Benefit of Thousands Who Did Not We Are Publishing This Story

By PETER PLOW

FOLKS, I sure wish all of you could have been with me week before last. The Michigan State Fair was goin' on from September 5th to 10th, you know, and I spent the hull week attendin'. And let me tell you, I enjoyed it more than a small boy at a circus.

You see, I've got a cousin livin' in Detroit that comes out to our place every summer with his wife and six youngsters to stay from a couple of weeks to a month so I thought I'd repay him by stoppin' at his place for a day or so durin' the Fair. Martha planned on goin' too but decided at the last minute that she couldn't get away so it was up to me to brave the dangers of the big city all alone. Seein' she wasn't goin' along I thought maybe I wouldn't be imposin' on our city relation if I stayed the hull week, so that's what I did.

This bein' the first State Fair to be put on by our Gov. Green I was lookin' forward to it with a lot of interest, seein' as he had made such a great success of the Ionia Free Fair. Some had thought he might make our State Fair a free fair, but he just reduced the admission to the outside gates from 50 cents to a quarter, which I think was better than making it free.

Apparently I wasn't the only one that was doin' some wonderin', because there were over 158,000 people that came the first day, which was Labor Day. I never saw so many folks at one time in all my born days. Last year, they say, the total attendance at the fair was only a couple thousands more.

## Not Early Enough

I got out to the grounds by ten o'clock that mornin' so I could see some of the exhibits but I wasn't early enough as the crowd was already comin' and all the buildin's were almost full. Not carin' to spend my time like a sardine in a can I decided to wait until some other day to see the exhibits. That bein' the case I thought a good place for me to hang out would be the M. B. F. Rest and Service Tent which I found opposite the agricultural buildin', so I spent the rest of the forenoon there visitin' with the folks in charge and drinkin' the free ice water they had for their farmer friends. Many a farmer and his family welcomed that oasis in a desert of pop and hot dog stands and water was consumed so fast that it kept that frigidaire outfit runnin' all the time. It was sure some outfit.

All of the eatin' places bein' swamped at noon I got a couple of

hamburgers and a cup of something that was a distant cousin to good coffee, then I headed for the grandstand, figurin' I'd get a good seat where I could watch them horses come down the home stretch, horse races bein' the feature of the afternoon. I wasn't any too soon either because the grandstand was fillin' up fast. The races were good and so were the circus acts they had in front of the grandstand. In the evenin' they repeated the acts in front of the grandstand and ended it all up with some fine fireworks.

The schedule every day in the afternoon and evenin' was the same in front of the grandstand, exceptin' Saturday afternoon when there was automobile races. In the Coliseum a horse show was put on every evenin' and judging was done in there durin' the day.

## Children's Day

Tuesday was Children's Day and all youngsters under 14 were let in free of charge, which was a nice thing to do, I thought.

The thing that interested me most that day was the draft horse pullin' contest and it sure was worth seein'. A Macomb county team, costin' \$350, carried off first prize of \$500. Not a bad investment? The team pulled an equivalent of 68 tons on a cement road after fourteen other teams from different parts of the State had failed to pull it the required 30 feet. Boys' and Girls' Club contests and demonstrations got under way that day too, and then at half past five in the afternoon they had a milkin' contest for girls which was won by Elizabeth Preiss, of Macomb county. Second, third and fourth places were won by girls from this same county. Could they milk? Well, I've pailed cows for a good many years and I wouldn't be able to keep up with them.

Next day, Wednesday, was Governor's Day, and there wasn't much of special interest to a farmer on that day, except the milkin' contest for boys which was held at half past five in the Coliseum. Milton Stewart, of Tuscola county, got first prize, with a Washtenaw county boy second and another Tuscola county boy third. The next day the contest to decide the championship of Michigan was held, and Matilda Rinke, of Macomb county, handed the boys a trimmin'. This is the first time Matilda ever won the championship, but her elder sister, Henrietta, held it

for five years hand runnin'. Milton Stewart finished second and third prize went to Elizabeth Preiss.

## Farmers' Own Day

Thursday was a big day for farm folks and there was sure plenty of them there. All day long, I was told, there was a stream of them goin' in and out of the M. B. F. Rest and Service Tent on the grounds and callin' at the Service Booth in the Coliseum. Not only was the final milkin' contest put on this day but they also had hog callin' and horseshoe pitchin', besides an old fiddlers' contest.

I never really thought much of callin' a hog until I heard these here farmer "grand opera stars" disturb the atmosphere and once they got into action, got their vocal cords hittin' on all four, it was some different from the old "Come p-o-e-e-g" I use. Thirty-eight fellers tried their voices for three prizes totalin' \$30, and a couple of farmers from Ohio were able to "call down" the others so they got first and second prizes of \$15 and \$10. H. A. Hoover, of Tuscola county, came in third and got a five-spot.

## Real "Barnyard Golfers"

I always figured I could pitch a pretty good game of horseshoes, that is I did until I saw those chaps in action at the Fair and then I decided I was a rank beginner. I always was able to get shoes close to the peg and once in a while got a ringer, but with them fellers ringers were more common than close shoes. Almost every time they throwed each one of them got at least one ringer and many times I saw all four shoes hung on the same peg, one right after the other. And I wasn't able to learn their secret of how it is done 'cause every one of them pitched differently.

The old fiddlers' contest interested a large crowd and was won by Edward Squire, of Muskegon Heights. Sure made you feel like swingin' your partner when they got into action on "Turkey in the Straw," and "Old Irish Washerwoman," and some other old fashioned tunes.

Friday, Detroit Day, brought out a pretty good crowd. Lots of farmers were there and looked on it as their last day because it ended the horse races and some of the exhibitors were preparin' to get away Saturday. That night I took in the horse show in the Coliseum for the first time and liked it very much. Anybody that likes horses would enjoy

it because there was some mighty fine animals shown. However, I wouldn't want some of them because they would jump right over my fences. Gov. Green led the parade that evenin', and lookin' real friendly with his wide smile. Then they had a wild west show, durin' the evenin', with fancy ropin' and ridin', that I enjoyed.

Saturday was the end and auto races were put on in place of horse races.

## Fine Exhibits

Durin' the week I found time to look over all of the exhibits, even the fancy washin' machines and other things for the house, and I want to tell you that as a whole I think it would have been sure hard to beat. I talked with a lot of farmers and they all thought about it as I did.

The beef cattle show was a little light but probably next year they will try to build up this department. Dairy cattle showed up real nice and so did the horses. One livestock man told me he had attended the International at Chicago for several years and he had never seen a sheep show, even there, that could compare with the one at this year's Fair. I would have liked to have seen more hogs but they certainly had some dandies. A big breeder said he had four there that any ordinary year could have won a first but this year he had to be satisfied with a fourth. Never did they have such a big poultry show or so many rabbits on display.

All available space in every buildin' was in use. The agricultural buildin' housed the grain, flower and fruit shows, besides a large exhibit by the State Department of Agriculture, a Grange exhibit and others. Exhibits of the State Department of Agriculture, Michigan State College, U. S. Department of Agriculture, State Conservation Department, other State departments, farm papers, Ancient Order of Gleaners, and others filled the exhibitin' space in the Coliseum. Other buildin's were filled to overflowin' with exhibits rangin' from a cow made of butter to an up-to-date automobile and from barn equipment to a grand piano. And everything that was there was just as nice as you want to look at.

## Was Disappointing

One thing that I was disappointed in was the exhibit by the Boys' and Girls' Clubs of Michigan. Seems as though the work bein' carried on in the State warranted an exhibit in

(Continued on page 17)

# The McNaughton System of Harvesting Beans During Wet Weather

By H. R. PETTIGROVE

Associate Professor of Farm Crops, M. S. C.

THE profits which one can obtain from a crop of beans are dependant upon the conditions at harvest time. The past season of 1926 produced many a good field of beans which were either a total loss or did not pay for the labor of production because of the weather.

The problem is no small one. It frequently happens that when the beans are ready to handle, the grower is not ready. He may be working with other crops or has no place to put his beans preparatory to threshing.

The McNaughton system of handling beans will eliminate most of the troubles. Reports coming from different parts of the State pronounce the system very satisfactory and state that very good results were obtained. This system of curing beans is simple and, yet, the details must be considered to obtain the best results. Probably the most important point to remember and carry out is to harvest the beans when ready. The field bean, and especially the white ones, discolor very rapidly during adverse weather conditions even though they may be left standing in the field.

The easier way of handling the beans is to use the puller and then throw four bean rows together with the side delivery rake. Two of these rows are then rolled together, mak-

ing eight bean rows in one windrow.

A number of stakes (steel or wooden) are placed on the rear end of a hay rack so that the ends protrude beyond the rack. The rack is then loaded with straw to be used as bottoms. The load of straw is hauled between the center two of four of the large windrows. When about two or three rods in from the end of the rows, stop and drive a stake. The stakes being on the wagon, makes them easy to handle. After the stake is driven into the ground, enough straw is forked about it to make a solid pad four to six inches thick.

The load is then moved up four or five rods and another stake set. It

is not advisable to place more bottoms than can be used in one day, or before a storm. A good way is to use the bottom before another is set.

The beans are then carried in with pitch forks and a stack made. The stack should be about four feet in diameter and built with vertical sides, well above the top of the stake. The last few forks full thrown up should form the cap. The beans are left to settle and, in so doing, will form a good cap.

The straw used for the bottoms should extend beyond the beans so that the rain will not spatter the lower pods and discolor the beans. The stack should be dressed up a bit before it is left, picking up any loose and scattered vines.



The McNaughton system of harvesting beans, showing the wheat already seeded and up, with the beans secure until the producer is ready to thresh.

It is remarkable how well the beans keep in these stacks even though they do go through considerable bad weather. Also, there are a few points to consider concerning the advantages of this method of handling beans. Frequently the prolonged turning of pulled beans, after they have been pulled at a late date, makes wheat seeding too late. In using the method the area in which the stacks are made can be worked into a good seed bed and the grain drilled. After the stacks are built, the rest of the field is worked and seeded to wheat.

The seeding of the wheat maintains the rotation in use and permits the other crops to come in order as planned. Should the wheat seeding have been omitted because of the inability to get the beans up in time, the rotation would have been lost for that year and the following crops much hampered from the loss of time.

A severe frost may injure the corn crop very materially, it may ripen off the late potatoes and hasten their harvest, or it may come so as to influence other fall work. The McNaughton system of harvesting beans is a rapid and sure way of taking care of one crop until it is threshed, thus preparing the grower for any emergency which may arise.



# THRU OUR HOME FOLKS' KODAKS



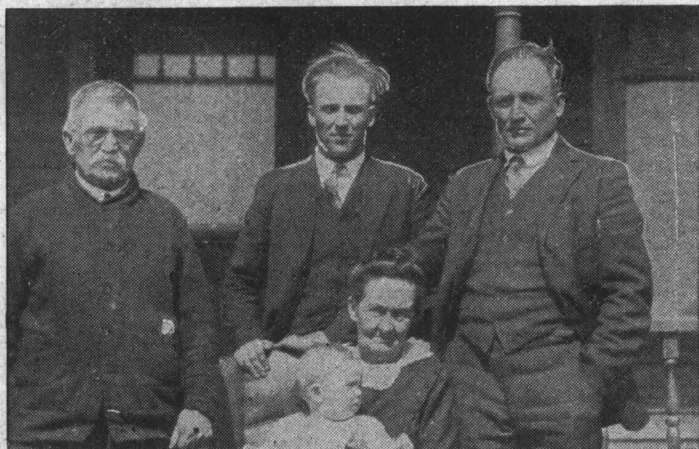
**BOBBY CARSON AND HIS DOG.**—Sent in by Mrs. C. A. Bornheimer, of Saginaw county.



**"CHARLIE'S PETS."**—That is the title given this picture by Mrs. Edith A. Childs, of St. Joseph county, who took this snapshot. Charlie's pets include a goat, a dog and a cat.



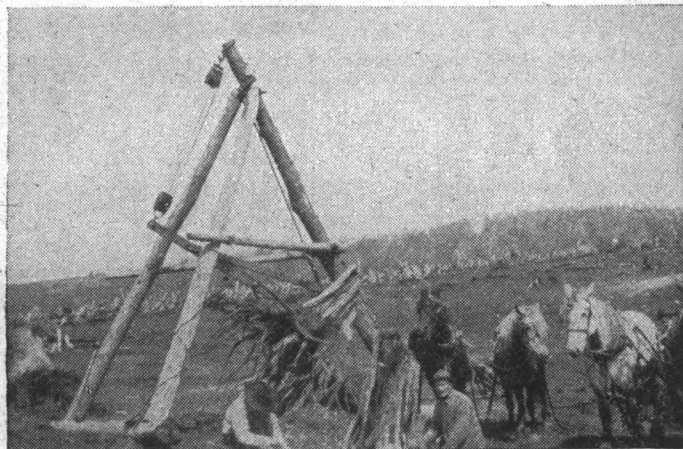
**"A BOX FULL OF MISCHIEF."**—From Miss Nina E. Waid, who lives in Kent county.



**FOUR GENERATIONS.**—"This is Grandfather Garrett, his oldest son, Fred, his oldest grandson, Sharrod, and his great-granddaughter, Leah, who is sitting on Grandma Garrett's lap," writes Mrs. Fred Garrett, of Alcona county.



**MARTHA SLOCUM.**—Granddaughter of Mr. and Mrs. Bruestle, Wastenaw county.



**CLEARING SOME LAND IN MONTCALM COUNTY.**—Frank Bell, left, James Scott, center, and James Bell, back of the team at the right, pulling out stumps on their farm in the central part of Montcalm county. Mrs. Frank Bell sent the picture.



**"MY BOY, RICHARD, AND HIS PETS."**—Writes C. L. Cousineau, of Newaygo county.



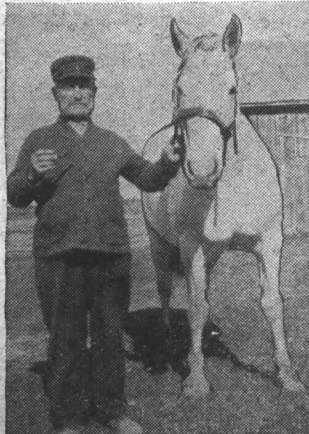
**HOW IS THIS FOR A LOAD FOR A FIVE-HORSE TEAM?**—It is a large stone that Otto Beach, of Montcalm county, and his father moved last spring. "Plenty of them here," says Mrs. Beach.



**DOROTHY AND FLORENCE HANSON.**—We are indebted to Stella Wortmann, Osceola county.



**FROM INDIAN LAKE, GLADWIN COUNTY.**—Samuel Kirley, left, of Gladwin county, and Wm. Campbell, Tuscola county, caught thirty pounds of fish in less than two hours.



**JULIUS RHODE.**—"My father," writes Mrs. Chas. Smith, of Ingham county.



**HAULED TWO LOADS.**—The one team hauled the two loads hitched together, according to Mrs. J. E. Clone, Calhoun county. "My husband and four children are in the picture."





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(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.)

### GET NEW TITLE

I wish to convert a Chevrolet 490 touring car into a light delivery truck. Can I secure a permit from the local license plate agent or must I get it direct from the Department of State?—W. D. V., Wolverine, Michigan.

**I**F Chevrolet touring is changed to light delivery truck it is necessary that owner apply for new title correctly describing same and purchase commercial license plates. Fee for new title is \$1 and old title covering touring car must be attached for cancellation.—John S. Haggerty, Secretary of State.

### BOARD AND WASHING

How much would the law allow me to charge a man a week if I do his washing which consists of two sheets, two pillow cases, three white shirts, four towels, two collars, two pair stocking, two pair pajamas a week and I iron all these things? I also cook all his meals and wash all his dishes. I thought about \$5.00.—Mrs. M. K., Howard City, Mich.

**I** WOULD say the described food and laundry service is worth about \$5.00 to \$7.00 per week, depending upon the kind of meals prepared.—Irma Gross, Asst. Professor of Home Economics, M. S. C.

### KEEPING BRUSH CLEARED AWAY

Have I got to keep the road in front of my place clear of brush without pay or does the township have to pay me for this labor?—S. M. O., Tawas City, Mich.

**Y**OU would not have to keep the road cleared of brush in front of your place, except insofar as it is your duty to keep cut down all noxious weeds in front of your premises. Your liability would depend in this case somewhat on the nature of the brush and other circumstances. Generally any person is entitled to compensation from the township or county for work done in making repairs on the highway.—Legal Editor.

### CAN HE PREVENT CUTTING HAY?

I have a tenant on my farm. We have a contract drawn up stating that the tenant shall have two-thirds of all crops except hay which he shall receive one-half of same. He has taken the first cutting off and plans to take the second cutting soon. I don't like to have the second cutting taken. Can I prevent him from doing so. Can he hold it? Also, can he remove a share of oat straw from the place? It is in the barn yard. He did not bring any straw when he came.—Reader.

**S**UCH matters as harvesting second cuttings of hay should be understood at outset. If it can be shown that the meadows are materially damaged by the taking of the second cutting, the tenant could be held for such damages.

Straw is the same as grain and is divided unless otherwise agreed upon.—F. T. Riddell, Research Assistant, M. S. C.

### RIGHT TO VOTE

Has a school teacher the right to vote in the voting precinct where she is teaching? She is only here school days except when the roads and weather are such that she cannot get home. She lives with her parents in the adjoining township and assists with her money and labor to keep up the home. As I understand the law, it is a case of where a person's home is where they should vote.—R. D., Petoskey, Mich.

**T**O a certain extent the location of one's residence is determined by their declaration of intentions. The teacher might determine to make the district in which she is teaching her home, especially if she rents a room there. On the other hand, the fact that she assists with her money and labor to keep up the home of her parents and lives with

her parents over the week-ends would make it possible for her to determine that her residence shall be in the township where her parents live.—B. J. Ford, Dept. of Public Instruction.

### CAN HE COLLECT?

A short time ago I sold a fresh milch cow to a man who was

around for that purpose. About three weeks later he returned and wanted his money back above what she brought for beef and care, saying he had had her tested and that she had T. B. Can he collect?—J. G. W., Suttons Bay, Mich.

**I**T is unlawful to sell cattle at public sale for breeding or dairy purposes unless the cattle have been tested for T. B. within 60 days of sale. This applies to counties where T. B. eradication is being carried on under the county area plan. Unless you come within such a case, you would not be bound to pay for the purchaser's loss unless you knew the cow had T. B.—Legal Editor.

## What the Neighbors Say

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

### PHEASANTS DO DAMAGE

**D**EAR EDITOR: I see in your August BUSINESS FARMER that complaints are made in regard to pheasants. I will make known the damage, or at least some of it, done on my farm. I planted a field of corn last spring, and the pheasants pulled a lot of it out. I planted it over again, and they pulled it out the second time. I had a wheat field near some woods, and when I cut wheat I discovered two patches of it about fifteen feet across that looked at first as if some one had cut it out and taken it off. On examination I found it had been tramped down by the pheasants and the heads eaten off.

I have seen large flocks of young pheasants this year, so they must be multiplying very rapidly. I understand you are not allowed to hunt them with a dog and as they are great skulkers they are hard to find after the first gun is shot. I have heard a lot of complaints from other farmers.—Mrs. L. F. E., Sheridan, Michigan.

### TAX SINGLE FOLKS

**D**EAR EDITOR: I am wondering why the married man who owns property should be compelled to pay the burden of the taxes while people who are single or do not own homes are tax free. Of course they pay through renting and such like but they should pay directly also for they are as much to blame for our high taxes as any one. They are always willing to have some expensive project started.

We should have it so that each single person over twenty-one had to pay about a fifty dollar tax each year. In other words tax them for staying single instead of taxing them because they assume the expenses of raising a family.

The young people under thirty race the roads more, cause more arrests and the upkeep of the large jail and police expenses, and in every way cause more expenses than they will during the next twenty years of

their life providing they settle down after that. Why not make them foot the bill. Tax them and do it good.

Then make every married man who is not a home owner pay a tax to help keep up the expenses of schooling his children, providing nurses, etc., and see if the home owner does not have a little better chance.

And those who do not have children should pay more of these taxes than the man with children because we must have children or the world would soon be a funny place in which to live. And every one should help in the replenishing. If they will not or cannot take the trouble to rear families let them share the expenses to a greater extent. Why wouldn't this be fair? —"One Who Wonders Why."

—What do the rest of the neighbors think about the idea?—Editor.

## 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 charges of any kind.)

### LIST OF BULLETINS.

- No. 1.—POULTRY RATIONS.
- 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.

## Where Our Readers Live

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



FROM MECOSTA COUNTY

Mr. and Mrs. Bert Abbott, owners of this Mecosta county farm home, are old subscribers to M. B. F.



# The GREATEST HELP that ever came to a FARM HOME —A MAYTAG

ANY Maytag owner will tell you that they never dreamed that washday could be so easy and pleasant until the Maytag came. The seamless, cast-aluminum, heat-retaining tub holds four gallons more than ordinary washers and washes big tubfuls faster and cleaner. It actually does away with all hand-rubbing, even on grimy overalls and the soiled edges of cuffs and collars.

## Gasoline or Electric Power

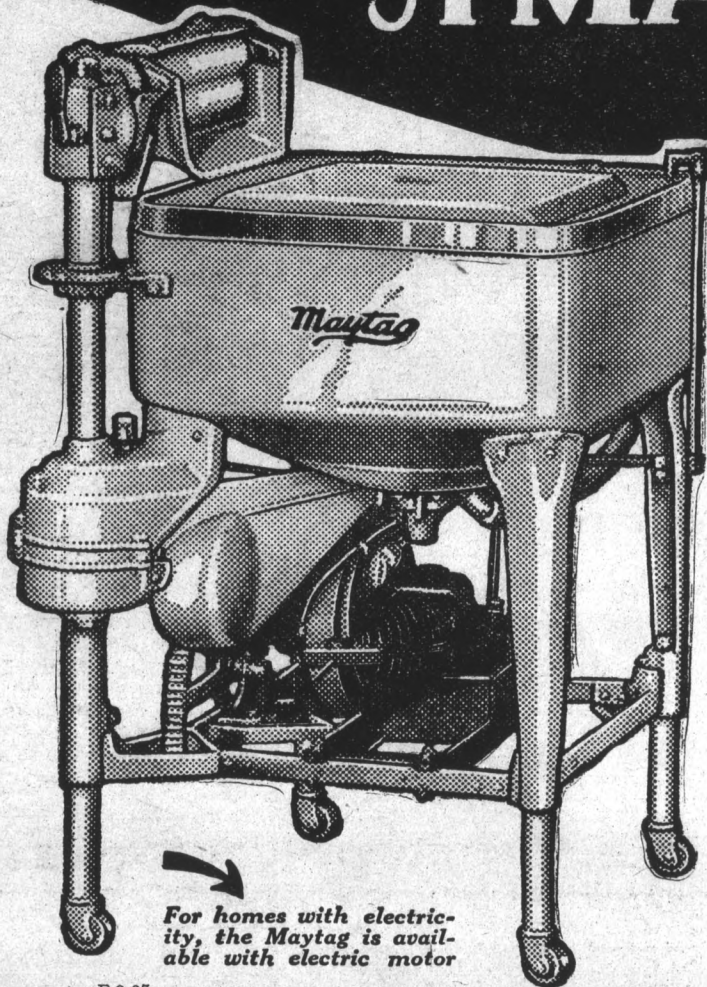
This marvelous washday help is available to every farm anywhere. Imagine a gasoline engine as simple and compact as an electric motor—that's the Maytag gasoline Multi-Motor. It is an inbuilt part of the washer—no line shaft or belts to line up and the housewife can start it and operate it herself.

Do you wonder that the Maytag has won world leadership in farm as well as city homes?

**Deferred Payments  
You'll Never Miss**

**The Maytag Company  
Newton, Iowa**

INDIANAPOLIS BRANCH: 923 North Capitol  
Ave., Indianapolis, Ind.



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

**Pay  
No Money  
till  
you try it!**

Write or telephone any Maytag dealer listed below. He will gladly loan you a Maytag for a trial washing without cost or obligation. Do a big washing with it in your own home—it will only take an hour. If it doesn't sell itself, don't keep it.



Phone one of the authorized Maytag dealers listed below:

State of Michigan	
Name of Town	Name of Dealer
Adrian	Wilcox Hdw. Co.
Alabaster	D. E. "Christenson"
Albion	Albion Maytag Co.
Algonac	C. F. Bertrand
Alma	Alma Maytag Co.
Almont	Lapeer Co. Maytag Co.
Alpena	Alpena Maytag Co.
Ann Arbor	Ann Arbor Maytag Store
Armada	Russell J. Lawrence
Atlanta	Claude L. Blamer
Bad Axe	Slack Brothers
Bangor	J. G. Miller & Son
Battle Creek	Battle Creek Maytag Co.
Bay City	Walton-Morse Shop
Beaverton	A. T. Brown, Jr.
Benton Harbor	Cutler & Downing
Berrville	Parker Hdw. Co.
Big Rapids	Bennett Electric Co.
Birmingham	Hawthorne Elec. Co.
Blanchard	N. C. Mason
Branch	A. J. Locke
Britton	Alexander Gibson
Brown City	Lorn Koyl
Buchanan	Hamilton Anderson Co.
Burns	John Hoeksema
Cadillac	Kryger-Currier Furn. Co.
Caledonia	Wenger & Clemens
Capac	John A. Bower
Carleton	E. W. Hartsig
Caro	Fred J. Purdy
Cass City	Earl Chisholm
Cassopolis	Hamilton Anderson Co.
Cedar Springs	John Buecus
Centerline	Rinke Hardware Co.
Charlotte	Charlotte Maytag Co.
Chelsea	Chelsea Hardware Co.
Chesaning	Chesaning Elect. Co.
Clare	Clare Hdw. & Implt. Co.
Coloma	Coloma Hardware Co.
Columbiaville	R. C. Osborne
Coopersville	Durham Hdw. Co.
Covert	E. C. Vanderboegh
Crosswell	C. W. Lindke
Crystal	Joe E. Price
Davidsburg	Clyde A. Nelsey
Decatur	H. O. Waters & Co.
DeKerville	Stoutenburgh & Wilson
Detroit	Detroit Maytag Co.
Dowagiac	Hamilton Anderson Co.
Drayton Plains	Noble N. Phelps
Dundee	Cauchie & Gray
East Tawas	Rob Robey

State of Michigan	
Name of Town	Name of Dealer
Elkton	George Wilson & Son
Elmira	S. J. Burdo Gen'l. Store
Elsie	M. E. Williams
Evart	Bregner Hdw. Co.
Farmington	N. J. Eisenlord & Son
Fennville	Dickinson Brothers
Fenton	E. A. Lockwood
Flat Rock	M. F. Keenan
Flint	The Flint Maytag Co.
Fowlerville	Will Sidell & Son
Fraser	Arthur H. Schneider
Freeland	Bench & Burnett
Fremont	Henry VanTatenhove
Gaylord	John M. Brodie
Goodells	Lewis W. McCue
Grand Haven	Grand Haven Maytag Co.
Grand Ledge	Grand Ledge Maytag Co.
Hale	Numm's Hardware
Hamilton	Harry J. Lampen
Harbor Beach	William Glass
Hart	R. J. Weitzke
Hartford	J. W. Walker Hdw.
Hastings	Hastings Maytag Co.
Hemlock	J. E. Fuller
Hesperia	Husband & Anderson
Holland	DeVries & Dornbos
Homer	Albion Maytag Store
Hopkins	Vern A. Washburn
Howell	Charles H. Sutton Hdw.
Hudson	H. T. Dillon & Co.

State of Michigan	
Name of Town	Name of Dealer
Ida	N. A. Wierper & Sons
Imlay City	Lapeer Co. Maytag Co.
Ionia	Ionia Maytag Co.
Jackson	Jackson Maytag Co.
Jonesville	Olin M. Beebe
Lake Odessa	LaDue & Snyder
Lakeview	Wood Hardware
Lamb	L. H. Fitz
Lansing	Lansing Maytag Co.
Lapeer	Lapeer County Maytag Co.
Lawrence	J. Thompson & Son
Leonard	Frank Hardware Co.
Linden	M. W. Johnson
Linwood	T. J. Wright
Ludington	Palm Furniture Co.
Mancelona	Schroeder Furn. Co.
Marion	Fred G. Houch
Marquette	A. J. Rochon
Marion	Marion Hardware Co.
Marlette	A. R. Schlichter
Maybee	C. & G. Hochadel
Memphis	Haight's Hardware
Merrill	Alex. McDonald
Metz	Philip Sytek
Middleton	Middleton Hdw. Co.
Midland	H. C. Eastman
Midland	Maytag Multi-Motor Sales Co.
Milan	Geddis & Norcross
Milford	Reid Hardware Co.

State of Michigan	
Name of Town	Name of Dealer
Millington	Fred B. Wills & Co.
Minden City	Frank E. Mahor
Mio	Orvin Kurtz
Monroe	Monroe Maytag Co.
Morenci	DeMeritt Hdw. Co.
Mt. Clemens	Mt. Clemens Maytag Co.
Mt. Pleasant	Mt. Pleasant Maytag Co.
Muir	Branyan Hardware Co.
Muskegon	Muskegon Maytag Co.
New Baltimore	Fountain Elec. Co.
Niles	Hamilton Anderson Co.
North Branch	Daniel Orr & Sons
Northville	J. N. Van Dyne
Onsted	Glancy Brothers
Otsego	The Jones Hardware Co.
Ovid	Marshall & Olson
Owosso	Owosso Maytag Co.
Oxford	Johnson Hdw. Co.
Paw Paw	H. C. Waters & Co.
Perrinton	E. H. Lucas
Petersburg	A. C. Gradolph & Son
Petoskey	Fochtman Dept. Store
Pewamo	Pewamo Hardware Co.
Pigeon	E. Paul & Son
Plymouth	Conner Hardware Co.
Pontiac	Pontiac Maytag Co.
Port Hope	Engle & Smith
Port Huron	Port Huron Maytag Co.

State of Michigan	
Name of Town	Name of Dealer
Port Huron	Port Huron Maytag Co.
Prairieville	W. P. Smith Hdw. Co.
Reed City	F. J. Hughes
Riverdale	C. R. Ringler
Rochester	R. E. Moble
Romeo	The George Burr Hdw.
Rothbury	W. George Smith
Saginaw	H. F. Newman
Saginaw	Smith Hardware Co.
Saginaw	M. W. Tanner Co.
St. Charles	Walton-Morse Shop
St. Clair	Thorsby Furn. Co.
St. Johns	E. S. Hart
Sandusky	Otis Hardware Co.
Saranac	Wilkinson Hdw. Co.
Saugatuck	Koning Hardware Co.
Sebewaing	J. C. Liken & Co.
Shelby	A. J. Rankin
Sheridan	A. L. Stebbins
South Haven	Merson Furn. & Music Store
South Rockwood	John Strong Co.
Sparta	J. C. Ballard & Co.
Standish	Gwisdala Implt. Co.
Stanton	Glen Gardner
Strasburg	J. F. Meyer
Sturgis	Forbes Maytag Co.
Tawas City	Fred Luedtke
Tecumseh	Baldwin Hardware Co.
Temperance	Temperance Hdw. & Supply Co.
Three Rivers	Forbes Maytag Co.
Tipton	Conlin & Shroyer
Traverse City	Traverse City Matag Co.
Trenton	Trenton Hdw. Co.
Trufant	A. G. Miller
Unionville	J. H. Kemp & Co.
Utica	E. W. Hahn
Vanderbilt	D. M. Sly
Waldenburg	William Stiers
Walled Lake	Frank S. Nook
Waltz	Krsyszke Brothers
Warren	Fred Lutz
Watervliet	H. Pierce & Son
Wayland	M. L. Looyengood
Wayne	John J. Orr
West Branch	E. H. McGowan
Whitehall	W. C. Snyder
Wheeler	C. W. Lashaw
Wyandotte	Gartner Hdw. Co.
Wyandotte	Russell Supply Store
Ypsilanti	Shaefer Hardware Co.

# Maytag

## Aluminum Washer

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



# MICHIGAN BELL TELEPHONE CO.

*Suggests a Telephone Night for the Young Folks Away at School*

You can experience the pleasure of talking regularly with the son or daughter attending school, although they are far away. Establish a certain night of the week as **Telephone Home Night**, where they can place a call for the home telephone number.

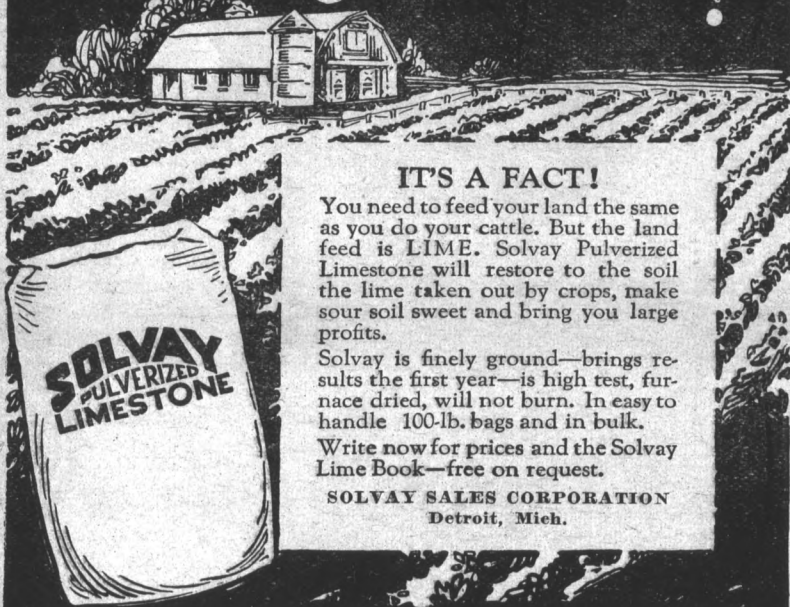
Such a call is known as a **Station-to-Station** call, and costs appreciably less than a call placed for a **Particular Person**. It is the kind of call to make when you are reasonably certain the person to whom you wish to talk will answer the telephone or can be called to it quickly.

In placing a Station-to-Station call, if you do not know the number, say to the Long Distance Operator, for instance, "I want Mr. John Smith's residence, 250 Sayre Street, Lansing, Michigan." Be sure that you do not specify to the operator that she call any particular person. A call placed for a particular person is known as a **Person-to-Person** call, and costs more than a **Station-to-Station** call.

There are reduced Evening rates on Station-to-Station calls, from 7:00 p. m. to 8:30 p. m., with further reduction during the Night rate period, 8:30 p. m. to 4:30 a. m.



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Solvay is finely ground—brings results the first year—is high test, furnace dried, will not burn. In easy to handle 100-lb. bags and in bulk.

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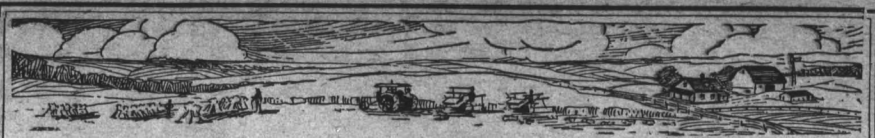


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PLEASE MENTION  
THE BUSINESS FARMER**



## 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.)

**W**ELL, Kenneth, as James and I worked all day the Fourth, and have all day today, Labor Day, we decided to go to the State Fair for a couple of days or so. While



L. W. MEEKS

you were gone today I started plowing the quack grass corner in field number three. You can finish plowing that tomorrow forenoon. Do not alter the plow to make it plow a wide furrow or any deeper. In plowing quack grass to kill it, it is essential to plow a

narrow furrow and only as deep as is necessary to properly turn it over. Then you can work on the fields we have plowed for wheat. "When will we return?" "Oh, when we get back!"

It is four in the morning and with a tank full of gas and a well filled lunch basket, we head for the old Chicago Pike or U. S. 112, as it is now called since it has become a National highway. The fog is so dense it gathers on the windshield like rain and the wiper must be in almost constant motion. One cannot see more than 30 to 50 feet ahead. The sun had risen, yet still we must use the headlights. What building is that whose faint outline we can see at our right? Why, that's the old woolen mills. This is Clinton. Stop! there's a wreck! Yes, a man in a roadster going very fast came from the south on that cross road and tried to cross the pavement. The large car that is so badly demolished would have crashed into the roadster if the driver had not set his brakes so hard and in so doing turned his car over. No one is hurt, but a car is torn to pieces, all because a man did not approach the main road with due caution. This is Saline—we are nearing Ypsilanti.

"What's that thirty or forty feet of railroad track in the pavement for?" "Why, way back in 'them good old days' there was an electric railway from Saline to Ypsilanti." I imagine it never paid very large dividends and with the coming of the automobile it's business was evidently reduced to such an extent that it was discontinued, and with the paving of the old pike the line was torn up. They have left those two or three stretches of 40 foot lengths as a monument to an enterprise that once was, and that when promoted had such a bright future. It is also a reminder that the world moves. Here is Ypsilanti and we turn east on old Michigan Avenue. Let's drive down to the Ford Air Port when we get to Dearborn. There it is. Some place. Suppose they allow visitors to drive in? Ask that gate keeper. "Why sure, park your car right over there, this card will get you a guide." "So that plane is one of twelve passenger capacity." "Yes, these planes are being made for passenger service between Chicago and Dallas, Texas. We complete one of these large planes every two weeks. The price is \$40,000. That plane there is the plane that Byrd flew over the North Pole in. Notice the snow shoe runners which were used instead of wheels. Mr. Ford has secured it for his museum. This out here is the landing field where the planes that carry mail and express to Chicago and elsewhere land." "We would like to see them making the motors for those large planes." "Well, I am sorry you can't, but you see the motors for these planes are made in the engineering laboratories, and no visitors are allowed in there until the new Ford model comes out. Call again sometime." "Thank you."

Back to Michigan Avenue. We soon come to Emerson Road. A turn to the north for eight miles or so

brings us to Seven Mile road. We turn east on this and here is Woodward Avenue and the State Fair grounds. It seems the beautiful grounds were never more inviting than they are this year. It would seem Michiganders should be proud of their State Fair grounds. Not only the grounds, but the buildings are of the finest and all well kept. Here is our old parking place, we will use it again this year. "What time is it?" Sure it's only ten o'clock by our good old farm time, but eleven by these city clocks. Guess we better set our watches ahead an hour, for when in Rome you are supposed to do as the Romans do.

Fine time to see the exhibits. The crowd hasn't gathered just yet but it is coming fast. There is THE BUSINESS FARMER tent. We will stop and shake hands with Mrs. Annie Taylor, Mr. McColgan (the field manager of circulation), and several of his field men. We will be here at five to meet Mr. Slocum and Mr. Grinnell. Fine visit—fleeting minutes—many friends stop and shaking hands is the pass word.

"Going to see the races?" "Sure thing." It's time to go if we expect to get a seat in the grandstand. The races are fine, but so are the circus acts between races. Last act? Where has the afternoon gone? We can visit midway now. Very clean, lots of entertainment, lots of fun. See, that man is hypnotizing (?) that lady. There he has picked her up and suspended her in mid air—only one shoulder rests on that broom. Let's move on. There is the Ford building all boarded up; nothing doing; too busy getting out that new model to spend any time at the Fair this year!

"Four-H Club exhibits are all in this building except live stock." Some exhibition, some class, but it is lonesome here some way, because Hillsdale county is not represented here this year. They could not come because their leader was in the hospital. About fifty boys and girls in Hillsdale county are disappointed. Wait, they will be back strong next year!

### Another Day

Wednesday morning, and the dairymen are milking. We secure a pail of milk and are fortunate enough to get it in the refrigerating plant. Some supper we will have to-night. This morning at nine o'clock at the drive entrance to the inner field occurs the horse pulling. Today all teams must weigh over 3,000 pounds. Ten or twelve teams enter. The test is made on a truck fitted up with a dynamometer. This belongs to the agricultural college. Each team pulls and then the meter is set up higher. Teams all pull in their turn. Some dropping out—this is to be continued until only one team is left. Looks like it would be that team, it seems a walk away for them. No, they are not the largest nor the fattest team, neither is their harness the most gaily trimmed with brass, etc., but look at their muscle. Then note their training. "It has got to be done and let's do it at once," seems to be their viewpoint, and presto, something moves.

Rain? Yes, see it come. We hike for the horsebarn which is not far distant. It, and all the other buildings are filled to capacity with people seeking shelter. And rain—suppose Hillsdale county is getting any of it? Hope so. A little let up, just enough to move the crowd outdoors, and then another downpour. See the people scurry. Lucky ladies nowadays, no long skirts to hold up!

Why, is it so late as that? Where has the day gone? Let's get supper somewhere. Yes we better go on grandstand tonight and see the pageant, "Fall of Troy."

It is far more pretentious than I had expected, there must be at least 200 people in costume. What a won-



derful drill—what hilarity as the queen arrives—but enemies are reported, and the great city is threatened with destruction. Guards are kept and yet the festival goes. A wonderful wooden horse is brought up in front of the castle to please the queen. But as darkness gathers the great horse proves to be but a fake. It contains ten spies. These men climb out and, with lighted torches the city is bombed and set on fire. See the people run for their lives. The great city is in ruins and only smoke seems to be left to show where it once stood.

We will walk up midway again as we go to our lodging. What a crowd, and what more could one want in the side show line? Yes, you "look at things you do not see, and you see things at which you do not look."

"Ring off, Meeks, your space is filled." All right.

### •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.)

### SELLING APPLES WITH SLOT MACHINES

"PUT a nickle in the slot and get a juicy globe of nature's health food." When apple vending machines come into general use this legend or something like it may make its appearance in railway stations, elevated and subway stations, and other public places where slot machines are wont to reap their harvest. The idea of nickle-in-the-slot machines for selling apples has long been thought of and talked of by fruit men and now, it seems, a practical machine of this kind has been perfected by a mechanic in Portland, Oregon. The machine is thought to be thoroughly workable, the apples themselves being on display in a sanitary, ice-cooled, glass case. The customer drops his coin into the slot and a big red, or yellow, apple rolls into the cup.



Herbert Nafziger

That this machine, properly managed could materially increase the consumption of apples seems a reasonable conclusion. The idea of selling apples one by one may seem slow to some folks, but we fear that these folks have never seen the Wrigley Building. The Wrigley Building is a huge Chicago skyscraper which, one might say, the people of America built with their teeth. By the chewing of little sticks of chewing gum at one penny per stick this enormous pile of steel and stone was reared, and millions in profits created.

It would seem that the old slogan "an apple a day" could really become effective if slot machines containing apples were within easy reach of city folks. One curious thing about the average city man is his almost morbid fear of being considered a "cheap skate." The city man on his way to work in the morning might like nothing better than to buy an apple, to eat with his lunch, but, do you suppose you could get him to enter a fruit store, approach a salesman, and ask for ONE apple? "Not on your life, guy. Waddaya think I am, a cheap skate? Huh! One apple! Say, I ain't got that low yet." Just the same he would undoubtedly buy one apple frequently and with pleasure if he could do so without stirring up his "cheap-skate" complex. The apple vending machine should fill the bill.

Please find \$1.00 enclosed for 3 years. Can't keep house without it.—W. I. Ferguson, Gratiot County.

I like your paper very much and look ahead for its arrival. I would miss it more than all the papers I take.—Mrs. C. H. Phillips, Clare County.

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE BUSINESS FARMER.

## "Seventeen Is Grown Up"

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 at night even though the others laugh at him. —Editor.

(Continued from September 10th issue.)

THEY were in the broken country at the head of the Shenandoah valley and were edging over toward the hills to the east in preparation for the break thru to the other side. Had they been more adventurous or more fool-hardy, they could have taken the trail west and got over the headwaters of the Holston and Clinch. Few settlers were to the west, however, while in the back country of North Carolina they would have plenty of neighbors.

When the train made camp again, Duncan did not even dare to suggest keeping guard again. He was still a bit apprehensive, but also very sleepy. He sat by while the crowd made ready for bed. The Sawyer girl slept in their wagon and the wife of Orchard and the smallest child in theirs. The men and older children rolled up by the fire.

It went against the grain of Duncan's half Indian training to sleep out in the open by a bright fire. He never did it, and so no one missed him around the fire. Only Orchard pulled his rifle under him so no one could sneak it away.

What the boy did was merely to go off under the farthest wagon—it was the one he had ridden in all day—and lie down behind one of the wheels. He did not mean to go to sleep, but he put his head down so that he could see the whole scene—the fire, the prone figures around it and the forest beyond, with the whole picture cut up by the spokes of the wagon wheel into sections like pieces of cranberry pie.

It was some time later that Duncan came to himself with a start. He was cold and frightened. Yet as he looked everything seemed the same. No one had moved around the fire; the forest was quiet.

Then suddenly a woman's scream broke the stillness. Duncan quivered with excitement, but something kept him still. He looked toward the fire again, expecting to see the men jump to their feet, the commotion of a camp alarmed.

He saw nothing more than he had seen the moment before. The camp fire still burned steadily. Men stretched out beside it quietly. One moved a little. For a second, Duncan thought he must have heard that scream in a nightmare. The next instant he saw.

Around the fire just back of the men on the ground stood four silent figures. The firelight glinted on the barrels of their pistols. The pistols menaced the men who lay by the fire.

Pandemonium broke out on Duncan's left. He gathered that Mrs. Orchard and her youngster were being routed out of the wagon. Hearty masculine curses sounded.

A man came striding quickly over to the fire. He kicked the coals and a flame sprang up. It showed a fellow in buckskin garb, with his face painted red and black like an Indian. The light showed faintly like countenances on the men, faces like grotesque masks of demons.

"Stand up!" said the leader, and lashed out with a boot.

Brother Steiner arose. "Where's the money?" the bandit asked shortly.

Steiner shook his head. The man whipped out a pistol and put the muzzle to the Moravian's ear. He looked past to the men who were fumbling with the wagons.

"Round the horses up!" he ordered. "The wagons we won't bother with. Put anything worth taking in sacks and tie them on."

He turned back to Steiner. "I know you've got it," he declared. "And I haven't time to waste. If you won't tell, I'll just blow the top of your head off and go on to the next man."

Brother Steiner said nothing. A long second passed. Then someone cried out: "I'll show you. Don't shoot him!"

It was one of the Moravians. The bandit captain jerked the fellow to his feet. They went off together toward the wagon. Brother Steiner sank to the ground.

A figure flashed across the space between the wagons and the fire. A man got to his knees and held out his arms. "Father!" cried a frightened voice. "Oh, Dad!"

Duncan's heart began to pound harder. Still he lay quiet.

The bandit leader came striding back. He carried a bag in his hand. "Ready?" he asked. "Got their guns? No shots in the back, you know. All right, we'll go."

He turned, then halted suddenly and moved toward the fire. His voice took on a new note.

"What's this?" he asked. "A girl, eh, and young, and pretty, too, as sure as I'm a sinner."

He reached out a hand. Of a sudden, the three figures by the fire took on a sudden life, like black silhouettes outlined against a fiery curtain. The man on the ground leaped. The captain, still holding the girl's arm, stepped back; there was a flash of flame and the crash of a pistol shot.

Suddenly the movement was over. Sawyer sank slowly to his knees; his head dropped. The girl hung limp on the man's arm. He spoke to one of his men.

"Take her in front of you. No tricks, mind."

They melted into the darkness. Nothing left but a dying fire, five men who stared at each other, and another who would never look at anything on this earth again.

Duncan got to his feet. He felt numb all over. Yet he knew what he was going to do. Quickly he ran toward the timber, and once in it he made straight for the sound of branches crashing where a herd of horses was being driven thru the wood. He went plunging thru the darkness until the snort of frightened horses, the crashing of brush, showed the bunch of captured stock was close at hand. A big black figure loomed up close at his hand. Duncan grabbed the mane and jumped. The horse reared, but he gained his seat. Then he put his head down out of the way of the branches and dug his heels in. The gelding crashed along. Behind he could hear the shouts of the raiders as they crowded at the heels of their capture.

### III—THE RAIDERS OF THE HILLS

The gallop was soon over. The captured horses, heavy and calm tempered brutes, slowed down to a trot. They spread out single file on the narrow trail, Duncan, still lying flat on his mount's back, used his heels and steered his gelding into the middle of the file. He knew that there was a man on horseback ahead to lead the file, and probably two or three behind.

For the moment there was little danger of discovery. Yet Duncan kept low enough so that if chance brought him against the sky-line on a hill, the riders behind would not be likely to take alarm.

Presently the trot changed to a walk. The trail grew steeper. It wound up and up, then descended suddenly and the

horses splashed thru a creek. Then up again. They were burrowing straight into the mountains.

Duncan got along well enough for the first few miles. The excitement of keeping cover had been enough to hold his attention. As time went on and his immediate danger seemed to lessen, he was forced to think of other things.

Brother Steiner had done well, after all. He wouldn't give up the money if the other fellow hadn't told. He was a fool, of course, not to carry arms and not to mount guard, but with that granted—

A thought froze the boy suddenly. Guard! He had vowed to keep watch himself. And instead he had gone to sleep. Suddenly he saw again that scene around the camp fire, the flash of the pistol, Sawyer sinking to his knees. That was his fault. And the girl, riding ahead, her father dead and no hopes for rescue—for that, too, he was to blame. For a moment he experienced all the horror that must be hers, and slow tears squeezed from his eyes into the horse's mane, against which his face was pressed.

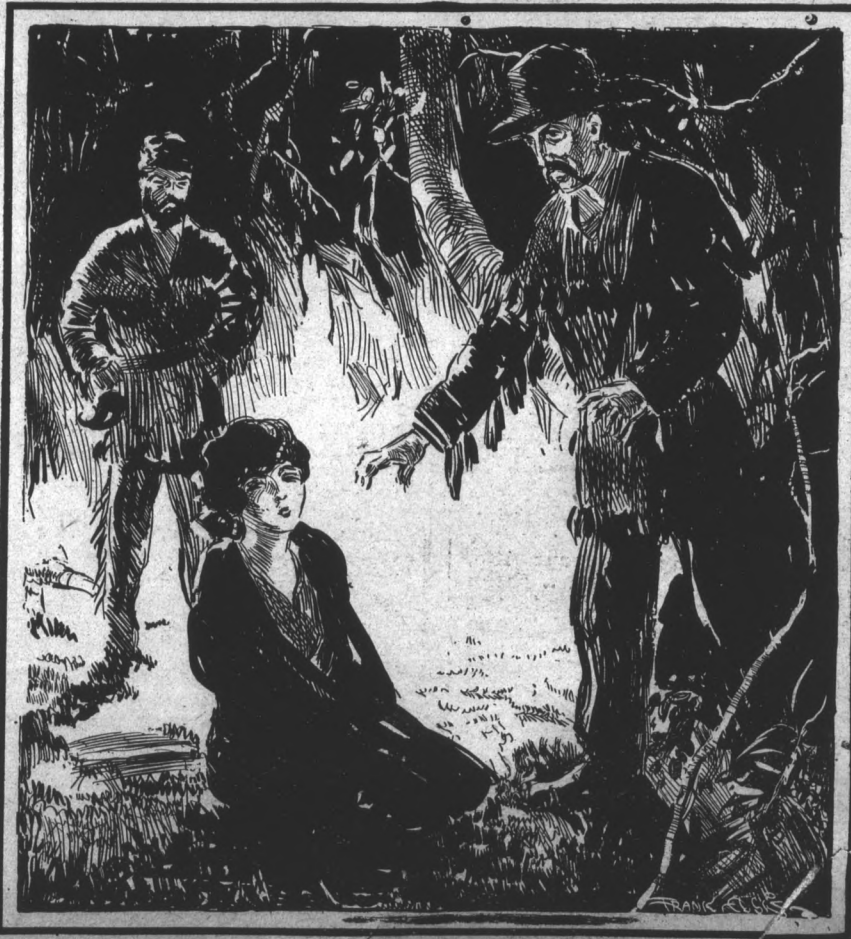
On and on they went thru the darkness. There were stars in the sky, but no moon, and the faint starlight could break thru the shadows of the trees only occasionally. Without looking, Duncan knew how the trail was going by the plunging stride of the horses as they went downhill, and the shorter steps when they struck a grade. His feet lay over the powerful hips of his mount, and he could feel the drive of the great hind legs as they went uphill. Down in the valleys, too, the air had a damp coldness, as if the mist had settled there. Up higher, the keen chilly wind blew and made Duncan cling tighter to the horse's warm back.

Once he dozed off, and came to himself suddenly to find the sky gray, and the trees, instead of blackness, to the right and left. Up ahead he could make out very plainly the figure of a lone rider. He twisted around to peer behind. There was a faint murmur of voices, but he could see nothing.

Duncan began to shake violently. Partly this was because he was cold, but mainly because he knew that something was going to happen to him. He had nothing to rely on except his customary disguise of stupidity. When he rushed for the horses earlier in the night, he had no plan except to go along and be on hand to do something effective if the chance came. He still had no other plan. Doubts began to assail him. Would the bandits—the paint had not fooled him—shoot first and question him afterward? He could still slip off and get away to the woods. He considered that for a moment, and, sighing, abandoned it. Time was everything; only thus could he hope to work fast enough to—he was thinking of the girl and what might happen to her. He got very white under his freckles and his mouth grew hard; he did not tremble any longer.

Voices sounded ahead. The line of horses swerved around a clump of trees. There was a smell of smoke; somewhere close by a fire had been lighted. Duncan's mount picked up speed. He found him. While every one stared and one man pulled middle of a group around a campfire, self carried around that bend and in the ed a pistol from his belt, Duncan slipped from his horse and made for the fire. Apparently, he paid no attention to the others. Over the flames he rubbed his hands and muttered to himself.

(Continued in October 8th issue)



"This won't do," he said. "Here, sit up and fry a bite."





## Arabia and the Inner Voice

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:** "But when it was the good pleasure of God to reveal his Son in me, \* \* \* straightway I conferred not with flesh and blood, \* \* \* but I went into Arabia, and again I returned unto Damascus." Gal. 1:15-17.

IN the morning of Christianity, a young rabbi had an arresting and converting experience. The inner witness, or the revelation of the Son within him, drove him to where the Muse of Heaven could more easily preside over his mind. This new zealot of the Cross confers "not with flesh and blood," but "straightway" hies to the haunts of nature to be alone with God. Here he finds his true status as a child of the Kingdom.

"I conferred not with flesh and blood." Now isn't that strange. The writer recalls that especially in his early Christian career, he counseled a great deal with men. But he knows now, that however honest some of these men were, they were incompetent leaders. Traditional bias had warped their thinking. Paul had a strict bringing-up in the church of his day. He was being molded by the religious leaders. But one day he woke up. He came to himself. He discovered that his training was in religious externals that were entangling him "in a yoke of bondage." "Wretched man that I am," said he, "who shall deliver me out of this death?" His religion could not heal his sin-wounds. It did not grip him where he lived. What about yours, brother? Does it work? Is it cleansing? Does it help your standing with God and men? But one morning Paul got up a new man. Something revealing had broken out on the inside. He calls it "the Gospel that is not after man. For neither did I receive it from man, nor was I taught it; but it came to me through the revelation of Jesus Christ." From this day on, the apostle vows not to seek "the favor of men." For says he, "if I were still pleasing men, I should not be a servant of Christ." Some men stand out as successful in moral reformations; they have attained great force of character, and liberated themselves from gross sins; but the sins of social political, and religious traditions often couch at their door. Let us be cautious about such leadership. It so happens that Paul's day reaches forward to now, for we still have those who "would pervert the Gospel of Christ." Would you know your Christian standing? Do you seek to know from men or God? The aged counselor, St. John, speaking out of a ripe experience, says of the Inner Voice, he "teacheth you concerning all things." Nothing else matters quite so much.

But this is not to say that our neighbor might not have some valuable data on our spiritual condition. Don't you think he might tell us whether our Christian profession had anything else in it but innate self-regard? Why not occasionally confer with flesh and blood in this regard? The religion of Christ is the parent of two loves. Have we included social love in ours? God has verified the words of a wise, old, religious philosopher in "As a man thinketh in his heart, so is he." And the Son of God has told us that our religion is measured by our loves. How do you stand with your neighbor? This is far more vital in determining your status as a Christian than your church connections. It is a mighty good thing to get Matthew 5:23, 24 into your creed. When you do the church altar will be perfumed with a spiritual incense.

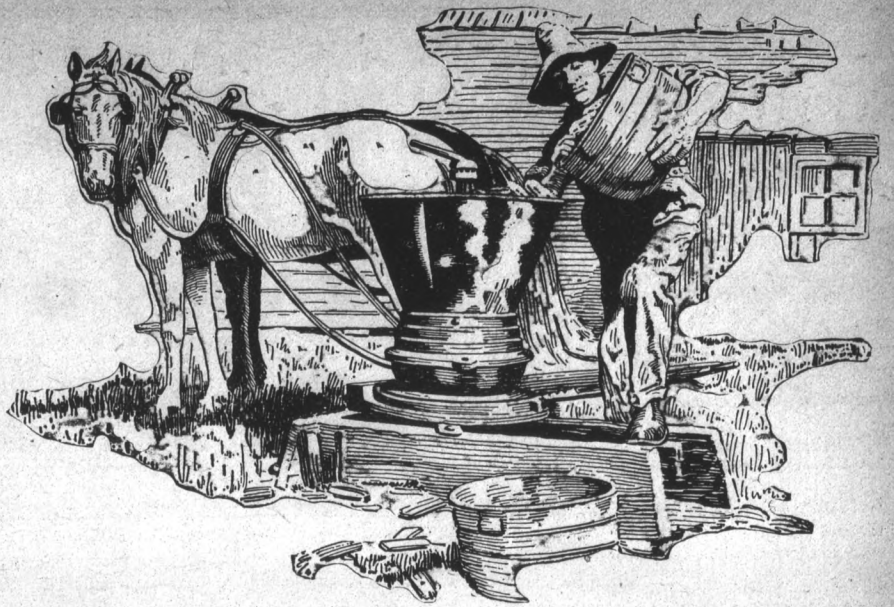
But suppose now that we go into Arabia to think things over. Paul did this. The writer spent the past summer months on his little farm. He did a little work, and indulged in some careless freedom, but he spent considerable time in meditation and writing. Away from the jazzy crowds, the noise of traffic, the honk

of motor-horns, and the blare of cheap music, thank God, there is blessed quietness. But this encourages the muse in one's nature. In the companionship of the friendly fields and silent woodlands, one is freshly conscious of the Creator, and disposed to cry out, "Abba, Father." Here is fit environment for communion with God and an unsurpassed opportunity to check up on one's standing with Him. Here the Inner Voice begs for a hearing. It is a good place to be if you are not afraid to be alone with your own thoughts. Christ set the precedent for this direct communion with God with all nature looking on, and Paul follows his example into Arabia. Doubtless, out there he found the first sure proof that he was a real Christian. He afterward stated it in these words, "The Spirit itself beareth witness with our spirit that we are the children of God." John assures us that "If we receive the witness of men, the witness of God is greater."

Now, methinks most folks' hearts are bigger than their heads. The understanding of the heart exceeds the intellectual sense. Is that why the Inner voice appeals to the heart? The outer voices of the world speak to the head and often give us a careless confidence in ourselves. The church is careful to see that her members repeat the creed and attend the communion table, and this brands them as Christian. But are they? The witness of God is greater than the witness of men. What does the Inner Voice say? Jesus could hear this Voice better away from the maddening crowd. So could Paul. Hence the Arabian tryst. Where do you go? "Oh," says the business man, "I go to the country too. I like to get close to nature and give my spirit freedom." But, Mr. Christian, it may be seriously doubted that while other folks are going to worship on Sunday morning, you are communing with God by hitting the road at forty miles an hour. Are you not just taking it for granted that you are a Christian? What evidence does the Inner Voice submit?

The author of our text assures us that this voice bears witness with ours that we are God's children. Have you had this testimony? It is final and satisfying. Paul was a young churman and was righteous according to the church's standards. For a time he had great confidence in such approval and felt "blameless." But it was a delusion. The secret places of Arabia revealed it to him. Out there the voice of God could get at his naked spirit. It was not to be distinguished as coming from without. Do you have trouble in knowing whether you are God's child? Are you tortured by doubts? Would you be assured by the church or some strange, supernatural voice without? But this is not to be. When God has a chance he will identify himself in and through your spirit and cry out "Abba, Father." That one who can say "My Father" in Christ, is a Christian. To have this testimony of the Inner Voice is a most blessed emotion and conviction. Do not be lured by outer voices and rest in a false complacency.

"And again I returned to Damascus." But the Inner Voice was leading. There is no danger of one becoming a dreamy and impractical mystic through secret and direct communion with God. Only this is safe and acceptable. This gives us our directions in life's journey. It keeps us from getting lost. It brings us back to Damascus, quickens our reactions toward duty, and makes us obedient to all the calls of life. And candidly, the test of the inner life is the outer life. To commune with the Inner Voice in Arabia is to return in power to Damascus to meet the sore needs of men.



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# The Michigan BUSINESS FARMER

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## OUR STATE FAIR

**T**HE first State Fair to be held under Governor Green has come and gone. Just how much of a financial success it was in comparison to others held at Detroit during recent years we do not know. From the attendance standpoint it was a huge success and no doubt the financial returns will equal or better any previous year. It is true that the admission fee at the outside gate was reduced from fifty cents to twenty-five cents but this loss was made up at the grandstand where many former free seats were put in the reserved class and the price of box seats advanced.

Never were there so many exhibits at the State Fair as there were this year. Every space was taken and tents had to be erected to handle some of the overflow. Of course, there were weak spots, the Boys' and Girls' Club exhibits being an example, but taking it as a whole, we believe the State Fair showed progress.

## LET'S HAVE THE TRUTH

**T**HE field survey in Michigan, Ohio, Indiana, New York and Pennsylvania to determine just how effective our corn borer eradication campaign proved to be will be completed by the first of October, we are informed, and a report will be given to the public shortly after that. Let us hope this report gives us a true picture of the situation. If the campaign was as successful as expected it should so state, but if it was not we should know about it. Let us keep our feet on the ground so that we will be able to put up a real effective fight next year.

## GETTING THE CHICKEN THIEVES

**T**WO of the thousands of farmer friends to visit our Service Booth for a chat or stop for a free drink of ice water and rest a while at our Service and Rest Tent at the Michigan State Fair week before last were Arthur and Charles Theille who live in Saginaw county, and they had a very interesting tale to relate.

On the 7th of September they left home, headed for Detroit, with a load of 119 broilers. As they were passing through Flint the police stopped them and informed them they were under arrest for stealing chickens. They were taken to the police station where they were questioned carefully and advised that a Shiawasee county farmer saw them driving along the road with the load of chickens, though they were thieves, so took their license number and reported it to the officers. Reference was quickly furnished but this did not entirely satisfy the police so they called the sheriff of Shiawasee county who advised that thieves had been active in his territory but if the men could identify themselves to let them go. Proper identification was soon furnished and our friends proceeded on their way to Detroit.

"I am mighty glad they stopped us because it shows the officers are on their guard," one of

our friends said. "And maybe next time they will get someone who is guilty of the crime."

Within the last twelve months the stealing of poultry has taken on an entirely different appearance. M. B. F. started the ball rolling by posting \$1,000 to be paid out in rewards, then we took up the fight for L. J. Wilson, the man who shot a thief, and was cleared of guilt by the court. Following this rewards were posted by boards of supervisors and sheriffs in various sections of the State. All of this has helped make the life of a chicken thief a hazardous one. Now our new laws, one of which requires the registration of all purchases of poultry made by dealers, are in effect, and we are looking forward with much interest to what will take place within the next year.

## IS AGRICULTURE PASSING?

**W**ILL we live to see the day when agriculture will receive but very little attention at the Michigan State College? We will unless something is done to save the College for the purpose for which it was originally founded—to serve agriculture.

That is a rather strong statement to make regarding the oldest agricultural college in the United States, but, nevertheless, we feel it is true, and we do not believe we are the only folks in Michigan who feel that way.

Two years ago this last spring a bill to change the name of the Michigan Agricultural College to Michigan State College was put before the Legislature. We opposed that bill, making a lone public stand on it, because we believed that we saw the "handwriting on the wall," that it was but the opening gun of a campaign to gradually force agriculture out the program of the College. We fought the bill until it went down to defeat, to appear later with "of Agriculture and Applied Science" attached to the end of the new name which made it read "Michigan State College of Agriculture and Applied Science." This was no better than before in our estimation because we felt the latter part of the name would be dropped anyway, thus gaining the purpose of the sponsors of the original bill, so we fought it. For a time things were in our favor but students in the "applied science" raided the capitol, taking our lawmakers by storm, and before the clouds cleared away the revised bill was passed.

They had at last removed the "hay seeds" from the name of the College and now it remained for them to get them out of the College program. Are they doing it? Visit the College and see for yourself. Notice the new buildings. Also notice the cramped quarters of the various departments devoted to agriculture. After that you will be able to answer the question in a way that will satisfy the majority. Then there are other things not visible to the eye that confirm what your eyes tell you.

How long will this change continue? That is not a question for us to answer. It is a question for the people to decide. We have one University of Michigan and we do not believe that we need another to duplicate the work being done by the first. If the University is not large enough to accommodate all who wish to attend then it should be enlarged. Our agricultural college was established to teach agriculture, to train the future leaders in one of the most honorable professions there is on God's green earth, and at a time when there is increasing need for this training the College appears to be slowly but surely changing its attitude toward the farmers.

Whose fault is it? Is it purely the fault of the people, of the voters? Is not our State Board of Agriculture aware of this change and fighting tooth and nail to stop it? We can not answer the question as to who is to blame, but we are going to find out, if possible, before we get through.

## SOLVING FARM SURPLUS PROBLEM

**M**EN interested in the welfare of the farmer are beginning to talk less about a back-to-the-farm movement and suggesting that possibly we have too many farmers. It has always been our contention that the surest way to cut production in any industry is to reduce the number of producers. In many lines production can be completely controlled but not in the farming game. The weather has more to say about production of farm products than does the farmer. Also the farmer is not organized well enough to do much controlling.

However, we would like to see a plan worked out whereby the present number of farmers would be able to enjoy a higher plane of living, rather than make slaves of a fewer number. Seems like something can be done along that line.



**T**HE first day I went out to fish a big one come along and, swish! He took my hook and off he went, that old fish pole of mine it bent until I thought sure it would crack, then that there fish he started back. I cranked my reel until my thumb and finger both was gittin' numb and then he dived beneath the boat—first thing I knew I was afloat, and when I got to shore, by jing, without no fish nor anything, Mirandy laughed and says, "You're cute, but if you'd wear your bathin' suit when you go fishin', you'd be more in shape for swimmin' to the shore."

I didn't say a word, by heck, but wiped the water from my neck, I didn't want to take a chance at quarrelin' till I'd changed my pants. And then I found, when I was dry, Marandy'd made a berry pie; them pies of hers is so blamed good, that for a piece of one I would just let her razz me all the day while I am stowin' pie away. Tomorrow I will make a break, at daylight, down to that there lake, I've found out where the fish is at and if I find the big one that upset and like to drowned me, and git a hook in him, by gee, I'll land him if I break my neck, no fish can laugh at me, by heck!

## PETER PLOW'S PHILOSOPHY

A Supreme Court Judge suggests that the world would be a hull lot better off if some mothers would give less attention to face liftin' and think more about soul liftin'. Amen, judge, amen!

Even though twenty different airplanes have attempted this 'cross the ocean flyin' and only nine made it there are still plenty of folks ready and anxious to try their luck at it. Some folks would do anything to get their name in the paper or see themselves in motion pictures. Barnum was right!

I read where a city newspaper editor claimed that folks ain't carryin' jackknives like they used to. Well, maybe they ain't got no time these busy days to set and whittle. At least that's the farmer's position. Then, too, whittlin' ain't as excitin' as it was durin' the days before the automobile, the movin' pictures and appendicitis.

Just when we get to thinkin' that feller, Browne, from Washington, who predicted no summer this year, knew what he was talkin' about along comes a couple of hot days that makes you want to live in the ice-box.

Ever hear this one? Little Bobby's pa run a garage and he was always hangin' around watchin' him fix cars. One day while he was in the house he saw the cat settin' in the window purrin' loudly with eyes closed. Runnin' to his ma he says, "Come quick! The cat has gone to sleep and left his engine runnin'!"

## COMING EVENTS

Oct. 17-22.—National Dairy Exposition, Memphis, Tenn.

Nov. 2-4.—Top O' Michigan Potato Show, Gaylord, Mich.

Nov. 10-12.—Greenville Potato Show, Greenville, Mich.

Nov. 26-Dec. 3.—International Live Stock Exposition, Chicago, Ill.

"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.

### WATCH OUT FOR THIS FELLOW

**A**N Ionia county subscriber was called on during July by a man claiming to be "F. P. Holmes, salesman for the Globe Manufacturing Co., 2662 Front St., Peoria, Ill." He stated his company specialized in tailor made service coats, pants, overcoats, and aprons at very attractive prices. A deposit of a dollar was made with him to bind the deal and the balance paid when the goods were received. Our friend ordered two pair of pants, paid the agent the necessary dollar and awaited receipt of his goods. He understood it would take a couple of weeks before they could get them made up and shipped but at the end of a month he was still waiting. Perhaps a letter to the company would find out what was wrong. But it didn't, it was returned unopened. Then our subscriber wrote to us to learn if we could help him. We sent a letter to the company whose name and address appeared on our friend's receipt and we got the same results he did—our letter was returned. Our next letter was to the postmaster of that city who replied, "I wish to state that we do not have any such street and number in our city, and the Globe Mfg. Co., at such an address is unknown at our office. We do have a firm by this name, a large manufacturer of paints, but all mail addressed to the Globe Mfg. Co., 2662 Front Street, is being marked 'unknown' and returned to the writer from this office."

Feel thankful, neighbor, that it was only one dollar you invested in experience. You can consider that a cheap lesson.

### UNORDERED MERCHANDISE SHOWS UP AGAIN

**A**GAIN we hear of the unordered merchandise scheme. This time it is "Mrs. Ellwood McCloskey" who claims to be the aged widow of the late "Ellwood McCloskey, The Old War Horse," a blind man who, it is said, made his living selling three knit ties for a dollar.

A Sanilac county reader got on "Mrs. McCloskey's" mailing list in some way so he received three ties. Not wanting them he returned them at once, and since then has been receiving dunning letters, requesting that he remit \$1 for the three ties she sent him. "Not while I have my right mind," says our friend. Maybe the widow's list of suckers are proving to be something besides poor fish. She should profit by the experiences of "Paunee Bill" and "Necktie Tyler" who recently went bankrupt, although they were backed by a knitting mill.

### AMERICAN TABLEWARE COMPANY

Please find enclosed card of the American Tableware Company, 9329 Centerline Street, Detroit. Please tell me if this company is reliable.—B. W., Wexford County.

**T**HE enclosed card was the kind that merchants often use to increase their business through the offering of premiums. With every purchase of so much a ticket is given. Then when you have a certain number of these tickets you can turn

them in and receive a premium. A few merchants work their own premium scheme but many purchase the tickets from companies that make this work a business, and the customer mails his tickets to the company and receives the tableware, or whatever is offered, direct from them. The American Tableware Company was supposed to be a firm of this kind but an investigation by the Better Business Bureau fails to find any record of such a company. They advise, "The occupant of 9329 Centerline Road is one Harry Osmun, against whom this office has had numerous complaints in connection with these silverware redemption schemes. He is apparently an operator of doubtful integrity and has been under investigation by the authorities."

### ARRAL'S TIKA TEA

At your earliest convenience will you please inform me regarding the Arral's Tika Tea Company, of Grantwood, N. J.?—Mrs. K.

**A**RRAL'S TIKA TEA is supposed to be "The Perfect Flesh Reducer" and the company claims to have letters to prove their statement. Possibly there are folks who have used their "tea" and lost weight but that does not prove to us that it is the right thing to use to reduce.

The American Medical Ass'n advises us that these so-called fat reducers are divided into two classes; those which contain thyroid and those that contain no thyroid. The first class is dangerous, unless given under doctor's directions and the second class is useless in reducing fat unless they contain something that interferes with the digestion of the food. This would eventually be harmful to the digestive system.

If you want to reduce do so under the eye of a competent physician.

### DID NOT PLEAD GUILTY

**T**HERE appeared in our September 10th issue a story regarding the payment of a reward in connection with the theft of domesticated Mallard ducks from Alex McDonald, of Houghton Lake, and in this story it was stated that the Jordan boys entered a plea of "guilty." Since publishing this story we have learned that we were in error, that the boys did not plead "guilty" but entered a plea of "not guilty." We are sorry this error appeared as we do not want to do anyone an injustice.

### UPPER NEWS AGENCY

Dear Friend: We have an interesting article concerning you which recently appeared in one of the daily papers. A clipping of the article will be sent to you upon receipt of 25 cents. Yours Truly, Upper News Agency, Box 381, Lansing, Michigan.

**O**NE of our Allegan county subscribers received the above statement written on a postal card and suspecting that it was the old "clipping bureau" scheme which we have condemned many times in these columns, he sent it to us. We have little doubt but that it is the same old scheme and our friend acted wisely by keeping his quarter in his pants pocket. Every man ought to have Scotch blood in him when such offers come in his mail.

Am writing to let you know that I received a check today for the three dollars from the Knitting Mills. Many thanks for collecting the money for me, as I never expected to get it. I sure like THE BUSINESS FARMER very much.—Elsie Hill, Mecosta County.

Will now let you know that the fish company sent me 100 pounds of perch for my claim and everything is settled now. I thank you very much for all the trouble you had for if it wasn't for THE BUSINESS FARMER I would never have gotten a cent from them. They sent me good perch packed in ice.—Mrs. H. N., Vassar, Mich.

We take several farm papers but M. B. F. takes the lead. I would not want to miss a single issue.—Jesse E. Starr, Grand Traverse County.

# Right On the Dot

When you invest money the rate of interest is important. But the promptness with which that interest is paid is just as important!

Some investments pay more than 6½%. But few of them assure the prompt payment that is a feature of the First Mortgage bonds issued by the Federal Bond & Mortgage Company.

These bonds pay 6½ per cent. The interest is due twice a year. And when it's due it is paid—*right on the dot!*

In all the company's history there has never been a day's delay—not even an hour's—in payment of interest or principal due.

Consider this feature when you invest money. To know that interest will be paid, without worry or effort on your part, is important to you. Just as important as the rate of interest.

Before you invest again, find out about the First Mortgage bonds this conservative house offers. Use the coupon below.

## Federal Bond & Mortgage Co.

DETROIT  MICHIGAN

Mail  
This  
Coupon  
Today!

Federal Bond & Mortgage Co.  
Detroit, Michigan

M.B.F.

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

Name \_\_\_\_\_

Address \_\_\_\_\_

(1949)

### 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 Sept. 18, 1927

Total number of claims filed ..... 3066

Amount involved ..... \$32,647.44

Total number of claims settled ..... 2565

Amount secured ..... \$30,806.48



## TWO PIES

By Aloysius Coll

If you would know the flavor of a pie,  
The juicy sweet, the spice and tart, you  
must  
Be patient till the fiery core is cool,  
And bite a little deeper than the crust.

If you would know the flavor of a man,—  
God's mud pie, made of Eden's dew and  
dust,—  
Be patient till love's fire has warmed him  
through,  
And look a little deeper than the crust."

CREPE SATIN LEADS AMONG  
WOMEN'S FABRICS

If you are planning your fall clothes, you should consider crepe satin by all means. For several seasons this has been an outstanding fabric and it takes its place at the head of the list at the present time. Returning stylists report many frocks of crepe satin shown at the Paris openings, and most of the New York shops are calling attention to them. Black leads, with reds and browns next in importance.

Crepe satin gowns are usually fashioned so that the two surfaces of the material offer all the decoration needed, and they suit the needs of very many women. With a growing tendency toward simplicity in its design such a frock has an appeal that cannot be overestimated. Both young girls and older women wear it successfully.

For the indispensable "all occasion dress, crepe satin has no equal. It may be tailored, or cut with flares and frills to suit one's fancy. It wears well and dry cleans perfectly so that aside from its style value it is an economical choice. Prices vary but it is usually advisable to get as good a quality as can be afforded. It pays in the end.

HOW TO PRESERVE EGGS  
FOR WINTER

OLD BIDDY is at her highest point of efficiency during these summer months. Her product is reasonably priced.

Next winter she takes her vacation and the price of eggs may go up.

These are reasons why eggs for winter use should be preserved now. Extension specialists in foods and nutrition at South Dakota State College say that for home use, the best method to use in preserving eggs is to place them in a solution of water glass, which is sodium silicate and can be purchased at most drug stores.

"Eggs so preserved may be kept for 8 to 12 months in excellent condition and used with good results," they declared. "The process costs approximately three cents per dozen eggs when the price of sodium silicate is about forty cents a quart.

"Eggs must be fresh and clean and, if possible, infertile, if satisfactory results are to be obtained. When an egg is only slightly soiled, a cloth dampened with vinegar can be used to remove the stain; but under no circumstance should badly soiled eggs be used for preserving."

To preserve 15 dozen eggs in water glass, the College gives the following directions:

Select a five-gallon crock (earthen or stone), clean thoroughly, scald, and allow to dry. Heat 10 to 12 quarts of water to boiling point and allow to cool, then measure out and place 9 quarts in the crock, and add one quart of sodium silicate. Stir well.

The solution thus prepared is ready for the eggs, which may be put in all at once or from time to time as they are obtainable. Care should be taken when placing them in the jar not to crack or break the shells. The solution must cover the eggs by at least two inches at all times. Put the crock containing the eggs in a cool dry place and cover with a tight lid or waxed paper to prevent evaporation.

A smaller or larger number of eggs can be preserved in a solution mixed and prepared in the same proportion.

## FROM A JAR OF MAYONNAISE

FROM a single jar of mayonnaise can be made an almost endless variety of salad dressings with only the effort of stirring different ingredients into the amount of dressing needed for one meal just before serving. Some people prefer an oil dressing that is less rich than the plain mayonnaise. For them it may



## THE FARM HOME

A DEPARTMENT FOR WOMEN

Edited by MRS. ANNIE TAYLOR

**DEAR FOLKS:** Sunshine and fresh air scored another victory week before last when the prizes were awarded to the best babies at that State Fair, as nearly all of these children came from the suburbs of Detroit where they had room to play outside. I sometimes wonder if our boys and girls appreciate the great privilege of living in God's great out of doors? Fresh air and sunshine! Are they valued at their true worth?

The great city of Detroit has many things to be proud of, but surely not of the air which its people breathe; each morning last week as we approached the fair grounds, the sky looked as though a black cloud had settled over the city, and it is always the same.

Fresh air is the most necessary element in human life, and, surprising as it may seem, the cheapest. We need only to open our doors and windows to receive this precious gift and spend as much time as possible in the open air. Every child should be allowed to play outside whenever weather permits and if properly dressed, will be benefited by the winter as well as summer days.

Then, with proper diet, these little folks are building sturdy bodies which can resist illness and infection. Of course, contagious diseases sometimes overtake our families, but the general health of the family is not a matter of luck. A locomotive can not get up steam on sawdust or straw, any more than the human body can make good blood and bone out of poor foods.

Fresh air, fruits, vegetables, milk and sleep are the cornerstones on which good health is built and good health means happiness.

*Your Friend,  
Mrs. Annie Taylor*

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

be thinned with a little vinegar, or with sweet or sour milk. The vinegar mayonnaise is especially good with vegetable salads and the mayonnaise thinned with milk is a delicious dressing for fruit or meat salads. The addition of tomato ketchup or chili sauce to mayonnaise makes a spicy, Russian dressing. Chopped pickles, olives and pimento or peppers transform it into Thousand Island mayonnaise. A few spoonfuls of cottage cheese mixed with the mayonnaise considerably increases the food value and makes it particularly good with pineapple, banana, tomato, or other fruit salads. For special occasions, whipped cream dressing may be made by folding into the mayonnaise some stiffly beaten cream. Chopped, hard-cooked egg and green peppers give a new zest to the dressing for vegetable salads, and green mayonnaise can be made by adding cooked spinach or green peas that have been pressed through a fine sieve. Thus, with a few basic ingredients many salads can be made.

## Personal Column

**Can You Supply These?**—Would you please send me the two songs: "Crazy Words, Crazy Tunes" and "Get Away Old Man, Get Away."—J. J., Falmouth, Mich.

**Popular Songs.**—Will you please publish the following songs: "When I Am Gone You Will Soon Forget Me," and "When the Sunset Turns To Ocean Blue Too Soon."—T. P., Clio, Mich.

**Several Songs.**—I would appreciate it very much if you could get the words to the following songs: "Little Brown Jug";

"Turkey in the Straw"; "In a Little Spanish Town"; "Where Do You Worka John"; "Nickety-Nackety"; "Now, Now, Now"; "I Never See Maggie Alone". I thank you very much for your trouble.—Miss N., Sebewaing, Mich.

## —if you are well bred!

**Table Service.**—Points in carving. It sometimes happens that a deliciously cooked roast is practically ruined due to the manner in which it is carved. In order to carve meat successfully, one must know the direction in which the muscular fibres lay. The meat should be cut across the grain in uniform slices except for certain very tender cuts of meat when it may be cut with the grain. Enough meat should be cut to provide for everyone at the table before any of it is served.

To carve roast beef, rib or sirloin.—Place the roast on the platter with the ribs protruding to the left. Insert the fork in the lean meat and with the knife cut the slices across the grain until the bone is reached. Separate the slices by cutting the meat from the bones.

Short rib of beef.—Place the meat on the platter with the ribs in the rear. Insert the fork in the roast and with the knife cut downward slices between the bones. If the roast is large, cut two slices from each section.

Beef steak.—Being very tender, it is carved with the grain in pieces of serving size. It is well to ask the person who is being served, if the meat is desired rare, medium or well done.

Leg of Lamb or pork.—Place the roast on the platter the small end to the right. Insert the fork in the left of the roast and with the knife cut thin slices downward toward the bone from the small end of the roast. Insert knife at the first slice and cut horizontally along the bone from the right to the left under the slices.

Roast lion of pork.—Place the roast on the platter with the ribs away from the carver. Insert the fork to the left end

of the roast and with the knife cut thin slices from the right end, serving a chop to each person.

Chicken.—Insert the fork near the center of the breast bone to aid in carving. Cut off the drumsticks and the wings. Then, from the tip of the breast bone cut downward thin slices of meat. Serve some of the white meat and some of the dark meat to each person with a serving of the stuffing unless a preference has been asked and given.

## Favorite Songs

THE WIDOW IN THE COTTAGE BY  
THE SEA

Just one year ago today love,  
I became your happy bride;  
Changed a mansion for a cottage,  
To dwell by the river side;  
You told me I'd be happy  
But no happiness I see—  
For tonight I am a widow,  
In a cottage by the sea.

## Chorus:

Alone, all alone, by the sea-side he left me,  
And no other bride I'll be;  
For in bridal flowers he decked me,  
In the cottage by the sea.

From my cottage by the sea-side,  
I can see my mansion home,  
I can see those hills and valleys,  
Where with pleasure I have roamed;  
The last time that I met him,  
Oh! how happy then were we—  
But tonight, I am a widow,  
In the cottage by the sea.

Oh! my poor and aged father,  
How in sorrow he would wail,  
And my poor and aged mother,  
How in tears, her eyes would swell;  
And my poor and only brother,  
O how he would weep for me,  
If he only knew his sister,  
Was a widow by the sea.

## Recipes

**Chili Sauce.**—12 tomatoes, 2 onions, 1 green pepper,  $\frac{1}{4}$  cup brown sugar, 1 teaspoon allspice, 1 teaspoon cloves, 1 teaspoon cinnamon, 1 tablespoon salt,  $\frac{1}{2}$  cup vinegar. Peel and slice the tomatoes. Chop the onions and the pepper. Combine the ingredients and cook the mixture until it is thick. Seal it in bottles or jars.

**Ketchup.**—In canning there is often some juice left and also many small imperfect and broken tomatoes. This is all good material for ketchup. 1 gallon tomatoes, 3 red peppers, 2 medium sized onions. Cook these ingredients thoroughly without adding any water. Put the mixture through a strainer and measure the pulp. 1 gallon pulp, 2 tablespoons salt, one-third cup sugar, 2 teaspoons celery salt, 2 teaspoons ground mustard, 1 tablespoon allspice (whole), 1 tablespoon cloves, 1 tablespoon cinnamon, 1 teaspoon paprika, 1 pint vinegar. Tie the whole spices loosely in a bag during the cooking, and remove the bag before spices except paprika will darken the ketchup. Long, slow cooking also gives a dark color. Cook all the ingredients except the vinegar rapidly for one hour, add the vinegar, and cook the mixture until it is thick. Seal it in hot, clean jars or bottles. It should have a bright red color.

**Chutney.**—2 dozen ripe tomatoes, medium sized; 6 onions, medium sized; 3 red peppers; 3 green peppers; 1 dozen tart apples; 1 lb. seedless raisins; 1 cup celery, cut fine; 2 quarts vinegar; 3 cups sugar; salt. Chop first the vegetables and then the apples. Cut the celery. Combine the ingredients, and cook the chutney until it is thick and clear. Pour it into clean, hot jars and seal them.

**Cold Tomato Relish.**—Eight quarts firm, ripe tomatoes; scald, cold-dip and then chop in small pieces. To the chopped tomatoes add: 2 cups chopped onion, 2 cups chopped celery, 2 cups sugar, 1 cup white mustard seed,  $\frac{1}{2}$  cup salt, 4 chopped peppers, 1 teaspoon ground mace, 1 teaspoon black pepper, 4 teaspoons cinnamon, 3 pints vinegar. Mix all together and pack in sterilized jars.

## For the Movie Fan

**Metropolis.**—The United States leads the world in production of motion pictures and probably always will but every now and then the Europeans turn out a picture that compares (in my estimation) very favorably with American productions. "Metropolis" is the latest one I have seen and if you want to see something different I recommend it to you. It is built around the supposition that some day our large cities may be owned by one man with all of the space on the earth occupied by factories and all workers living under ground in apartments along streets where daylight is unknown. Body and soul the workers belong to the owner of the city and they are worked until some faint away and are put to one side so others may take their places. God is forgotten until one day the tide turns against this sort of rule and the workman again comes into his own. The faces of the players are unfamiliar to us and the list of names indicate it is an entirely European cast.

## Keep Record of Family Measurements

A RECORD of the measurements of each member of the family is a short-cut in home sewing that saves time and fittings. The measurements may be divided into three groups; those necessary for buying a pattern, such as the bust, chest, and hip measure; those needed in checking the size of the pattern and in cutting the garment, and those needed for finishing the garment. With these on hand, the home seamstress can go ahead with her sewing without having to take measurements each time a dress or suit is made.

A convenient record suggested by the New York state college of home economics at Ithaca, N. Y., can be made on a wide, ruled card or a ruled sheet of stiff paper which can be tacked on the door of the sewing closet or on the screen around the sewing-corner. If this has a wide rule at the left hand side for the name of each member of the family, the right length for a nightdress for

Mary or John's waist measure can be seen at a glance.

Patterns for children's, as well as for adults', clothing should be bought by bust, chest or hip measure rather than by age, because a normal child may vary considerably in size from the standard for his age chosen by the pattern makers. The amount of material needed for any commercial pattern is accurately determined by the company that makes it and is marked on the pattern envelope. The woman who is tall for her breadth, or who prefers her skirts longer than those decreed by fashion, should check the amount of material indicated on the pattern with the actual finished length which she likes her garments to be, and allow more material if necessary.

When a garment is to be cut without pattern, the amount of material needed will be the finished length of garment plus the width of the hem multiplied by two with five inches more for shrinkage and finishing.





**LARGEST, SMALLEST AND TALLEST**  
These folks are members of the Bushnell Center Aid Society. Mrs. Bertha Gilson is the largest woman belonging to the Society, Mrs. Clara Supp is the shortest woman, and F. L. Dean is the tallest man. Mrs. Supp, of Montcalm county, sent in the picture.

### Homespun Yarn

Beef contains a large amount of iron food.

Suitable clothes, not necessarily expensive ones, make one well dressed.

Over-cooking makes vegetables mushy and slimy.

A V-shaped neckline makes a round face seem longer and thinner.

### "DAISY DELL" ALL WOOL FELT HATS

These are wonderful hats and when finished, they have all the style and smartness of an importation direct from Paris.

These hats come flat, stamped on finest quality all wool felt, in the most popular millinery shades of the day and are correctly styled from every standpoint. Everything furnished except embroidery, silk, as the colors for the finished hat are at the discretion of the purchaser.

Can be completely made up in less than an hour's time and their low price makes it possible for every woman to have a "chic and becoming" hat to match each of her costumes.



4892

4891



4893

4895



4894

4896

4891 comes in Rose with Hickory ornamentation.

4892 comes in Castilian Red with Black ornamentation.

4893 comes in Copenhagen Blue with Hickory ornamentation.

4894 comes in White with Castilian ornamentation.

4895 comes in Monkey Skin with Rose ornamentation.

4896 comes in Black with White ornamentation.

These hats are packed flat in special glassine envelopes to insure safe delivery.

Price of hats is only \$1.25 each, postpaid to any address, delivery guaranteed. Prompt attention will be given all orders. Send orders accompanied by personal check or postoffice money order to the

Pattern Department

THE BUSINESS FARMER, Mt. Clemens, Mich.



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J.C. PENNEY Co.



## SAVING MILLIONS ON THE NATION'S SHOE BILL through co-operative purchasing

IMAGINE 885 Stores, comprising a Nation-wide shopping service, pooling their orders for the Shoes required by over 3,000,000 families—and then buying that enormous quantity of footwear as one transaction! Imagine the demands we can make for quality, for high-grade



No. 1640—A sturdy, long-wearing men's shoe of Tan Elk with leather sole and half rubber heel. \$3.49



No. 5228—Don't wear clumsy shoes. These stylish All Patent Oxfords have comfortable built-in arch supports. \$4.98

Goods may be ordered by mail if desired. Send check with order to nearest store.

leathers and skilled workmanship, when we place such orders. Imagine the low prices we can secure. And, finally consider the great economical service we render our customers by giving these important savings to them! There, in brief, is

the reason why J. C. Penney Company footwear is favored by millions of families—Quality Shoes—plus Personal Selection through our Conveniently Located Stores—plus price-savings that are possible only thru our extensive co-operative purchasing resources. For the next Shoes required by your family, whether tiny sandals for your youngest, extra strong footwear for work and growing children, or dress shoes in the newest styles, your nearest J. C. Penney Company Department Store offers you many exceptional advantages.



No. 5372—Both fashionable and practical for the Growing Girl. Brown calf Oxford with fancy trim. Sensibly priced. \$2.98

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Write today for our illustrated "Store News Fall Catalog." It will save you money.

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5912.—Ladies Dress.—Cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38 inch size requires 3 1/2 yards of 36 inch material, together with 1/2 yard of contrasting material. The width of the dress at the lower edge with plaits extended is 60 inches.

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**ALL PATTERNS 13c EACH—  
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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  
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5912

5922



5930

5911



## Don't Send 1 Penny



JUST send your name and address—no money—and I will send this stylish full lined all-wool coat to you. This is an excellent opportunity to get a dressy everyday coat at the amazingly low price of \$3.98.

**ALL-WOOL COAT \$3.98**

This coat is made of an all-wool velvet of good weight. It is trimmed on the revers and pockets with wool velvet in contrasting color, prettily stitched as an additional trimming. Buttons also adorn pockets. Coat has straight lines and is an excellent everyday coat for all year-around wear. Lined throughout with satin. Nowhere will you be able to buy an all-wool coat like this for the remarkably low price of \$3.98. It is an amazing bargain. **COLORS: Brown, reindeer tan or green.** Misses' sizes, 14, 16 and 18 years; women, 32 to 44 bust.

### DELIVERY FREE

Just write us a letter, being sure to give size and color. When this all-wool coat is delivered by the postman, pay him \$3.98 for it. We have paid the delivery charges. If coat is not much better than you expected, for any reason whatsoever, return it at our expense and we will cheerfully refund your money.

ORDER BY No. 37.

WALTER FIELD CO. Dept. X1560 Chicago

## Dress Well and Warm with



**KNIT SLIPS**

6 DEGREES above or 6 degrees below—it makes no difference to the woman who wears an Indera Figurfit Knit Princess Slip.

An Indera Slip makes the coldest day pleasantly comfortable, yet it never betrays its presence by slipping off the shoulder, by crawling up around the hips, by bunching at the knees. The patented knit border and STA-UP shoulder straps look after that. Every Indera Slip fits perfectly.

Ask your dealer to show you Indera Slips—and undershirts. They come in a wide variety of weights and fast colors, all moderately priced.

**For women, misses and children**

Note: There's nothing "Just as good as Indera." If your dealer can't supply you, write us direct. Folder in colors, showing garments, sent FREE.

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## HEADQUARTERS

for Peoria's social, civic and business affairs. A beautiful transient and tourist home with cheerful lobby; quiet writing nooks; luxuriously furnished, outside, sleep-insuring guest-rooms; well appointed dining halls with unsurpassed cuisine and an unusual type of hearty service—all at no more than you have been accustomed to paying for less than Hotel Pere Marquette and its personnel offer. We invite you and your friends to make this your Peoria home.

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H. Edgar Gregory, Mgr.  
Peoria, Illinois

400 Rooms 400 Baths

## GOV'T JOBS for FARMERS

Gov't Meat Inspectors, Rural Carriers, Railway Mail Clerks, City Carriers, Patrol Guards, Forest Rangers and others. \$125-\$225 month. Big list and "How to Qualify" Free. Write **QZMENT'S INSTRUCTION BUREAU, 362 St. Louis, Mo.**



Motto: DO YOUR BEST  
Colors: BLUE AND GOLD

DEAR girls and boys: Now that you are again settled down to your work in school I suppose you are finding time to think of The Children's Hour (also Uncle Ned) and you are wondering who won our Corn Contest. Well, I am prepared to tell you and I know you will be very much surprised to know that a boy won first prize but it is true. Gerald F. King is his name and he lives near Snover, Mich. He gets a nice flashlight that will help him see to get around when he is late doing chores. Mildred Mundy, R. 3, Linden, got second prize which was a very pretty box of stationery, and she can take that as a hint to write often to me. The schoolbag which was third prize ought to come in very handy now that school is again in session and I hope Martha Wilson, of R. 1, Box 55, Alma, likes it. And Lawrence Marsh, of Novell, winner of fourth prize, should not think I intend for him to play hooky from school because I sent him a dandy fish pole. No indeed. I want him to get his lessons and be a good student so that he can feel that he is entitled to go fishing on Saturday once in a while because of his good work.

So that you may compare the answers you sent in with the correct ones I am listing them for you. They are: Corning, N. Y.; cornice; corner; corncracker; corn; corn bread; cornerstone; cornet; Cornwall; corn-crackers; cornstarch; Cornwallis; cornpipe; corncobs; corn borer; cornea; corn flakes; Cornish; corner-wise.

Now for a new contest. This is another one that is entirely different from any we have ever had and it is called "Find the Fish." In each of the following 12 sentences the name of a common fish is hidden and you are to find them. The first one is herring. Do you think you can find the others?

1. Hazel finally found her ring.
2. The big car passed the little one.
3. The bull headed for the girl wearing the red dress.
4. He paid ten cents per chance.
5. The mailman said, "That route of mine is a long one."
6. The snob assured us we were not welcome.
7. The picker, Elmer, had his basket filled first.
8. The sunshine right now is very bright.
9. The boys had a fine game of ball.
10. Will Mr. Schram ask a long question?
11. The folks who came in the Cadillac at fishing time had an accident on the way home.
12. Few hale and hearty folks are given to complaining.

There will be four of our Mystery Prizes and they will go to the first four who send in a correct or nearest correct list of the fish mentioned, and the closing date to this contest is October 5th. Any letter postmarked later than that date can not be considered. Be sure to sign your name and address. Now let's see how good you are at this kind of a contest.—UNCLE NED.

### Our Boys and Girls

Dear Uncle Ned:—Remember way back in 1923? That was when I wrote my first letter. The letter wasn't published but

my name was there under the title of other letters received. How proud I felt to see my name in the paper. I am sweet sixteen. I wonder why they call it "sweet" because I didn't find it any sweeter than fifteen. I have six brothers one of whom is married. That still leaves five to "deal with." Brothers are all right as long as they don't get the idea that "girls aren't any good." Am I right, Uncle Ned?

This time of the year they are all so interested in baseball that they hardly have time to tease.

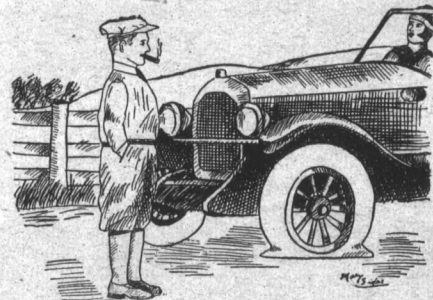
Is Willie Wastebasket still sleeping or did my chattering wake him up? Anyway I don't think he could swallow this for fear he'd choke on the scribbling. Love to all the cousins and Uncle Ned.—Frances Hufnagel, Fowler, Mich.

—Welcome back, stranger! Yes, you are welcome, even though you do sort of take a "dig" at "us men folks." But I know you do not mean it, because you would miss your brothers very much if they were not around to tease you. Now, wouldn't you?

Dear Uncle Ned.—Here I am again but I just can't stay away. We had so much fun last Sunday that we just can't keep it to ourselves.

Three of my girl friends came over and fun, well, you can imagine because we had a pile of old-fashioned clothes about two feet high. Two of us dressed up as ladies and two as men.

Pictures! We took eighteen. Perhaps the finishers at Alma thought we were a



### ONLY FLAT ON BOTTOM

Mary Sider, of Pinckney, drew this picture. There is a joke that goes with it. The girl in the car said, "John, is the tire flat?" And he replied, "No dear, not exactly. It's alright on top."

bunch that had escaped the asylum. Well, Uncle Ned, you wouldn't blame them for thinking so if you'd see the pictures.

We were short on lipstick so what do you suppose we did? We used cake color! I'll tell the world we washed pretty long before we had it off again. The cake color was about as hard to get off as mother's wedding waist that I wore. Ha! Ha!

It took me an hour and one-half to get supper. No one choked during supper, to my great surprise, because we laughed almost more than we ate. After doing the dishes (and we didn't break any either) more pictures were taken.

We tried to dance later on in the evening but I guess the victrola's vocal cords are a trifle weaker than our were. We gossiped until nearly eleven o'clock. Then the "bunch" decided it was "bedtime" and I guess all of us needed rest after such a day. When pictures are sent in to publish on our picture page are they returned?

I would like to get a button. What must I do to get one? I don't want to crowd out all the other nieces and nephews entirely so I'll say good-bye for now.—Your want-to-be niece and cousin, Frances Hufnagel, Fowler, Michigan.

—You surely must of had a lot of fun. Send me some of those pictures so I can publish them, wont you. All of us are anxious to see how you looked. Just like a picture from the family album, I suppose. You want a pin? Well, I am sending one, also a card containing our pledge, and ask that you take this pledge so you may become a good member of our Club. Of course, all members, to be in good standing, must write often to me.

No man need feel himself superior to all things; and yet no man need feel inferior to very many.

### MOST HELPFUL EDUCATIONAL ADVANTAGES

REGARD Boys' and Girls' Club Work as affording one of the most helpful and valuable educational advantages that have ever been available to the boys and girls of the farm. Through club work, not only do our young people learn improved methods in agriculture, home making, etc., but the work as conducted is one of the greatest influences in building the highest type of character and giving our youth the proper outlook on life in general. I am particularly pleased with the manner in which the work is being carried on in Michigan.

—C. L. Brody, Sec'y-Mgr., Michigan State Farm Bureau.

## Special Sale!

### 2 in 1 Breeches

An \$8.00 Value



**\$2.98**

**WIND PROOF  
WEAR PROOF  
WATER PROOF  
INTER PROOF**

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. **\$2.98 Plus Postage**  
No. 1220 Price.....

**SEND NO MONEY** Don't send a penny in advance. Just your order by letter or postal. We'll send at once by parcel post ON APPROVAL. Pay postman only \$2.98 and a few cents postage. If you don't say it's the biggest, best bargain in breeches you ever saw, we will send every penny back at once. The supply is limited, so order quick.

**U. S. MAIL ORDER CO.,**  
Dept. M. B. St. Paul, Minn.

## Pure Pine Tar for head and hands

**GRANDPA'S WONDER SOAP** gives handfuls of rich pine tar lather, even in hardest water. Gets the dirt. Chases odors. Soothes and heals. Big cake lasts a long time.



Since '78

At your dealers' or send 10 cents for big cake.

**Beaver-Remmers-Graham Co.**  
Dept. M. B.-92.  
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**GRANDPA'S WONDER PINE TAR SOAP**

## Asthma Tortured Him 50 Years

Finally escaped its clutches. Says cough and wheeze gone.

Those who have endured years of suffering from asthma and bronchial cough will be glad to read how Marion Brown, San Angelo, Texas, got rid of the disease after a lifetime of illness. Mr. Brown writes:

"I had asthma all my life. It came upon me when I was a baby and I am now 51 years old. I have tried about everything, never obtaining any more than a little temporary relief, and I have gone all through life with this terrible affliction. One year ago in May, as a last resort, I tried Nacor. At the time I was so weak I could hardly walk, coughing with nearly every breath, and hadn't had a night's sleep in bed for ten weeks. On the second day my cough began to leave me, and from that time on I improved steadily. I began getting good sleep and gaining in weight. Today my asthma is entirely gone. I don't choke up or wheeze at all, so I feel sure I am at last entirely rid of the disease."

This remarkable statement is only one of many from former victims of asthma and severe bronchial cough, who have told how their trouble disappeared and never returned. Their letters and a booklet full of valuable information about these stubborn diseases will gladly be sent you free by Nacor Medicine Co., 590 State Life Bldg., Indianapolis, Ind. No matter how long your case seems, write for this free information. It may lead you back to good health, just as it did Mr. Brown and thousand of others.—(Adv.)



## Defends Principles of McNary-Haugen Bill

(Continued from Page 3)

ministrations' marketing measure where it is proposing to loan money to cooperatives for storage and stabilization of prices.

First, it would penalize the cooperatives and reward those who undertook no risk if the movement succeeded.

Second, if it failed all the loss would be at the expense of the co-operators or the United States government to the extent of loans made with the consequent discredit of co-operative movements, and farm relief legislation.

Third, the mathematics of the Administration measure is always with a major portion unaffiliated and the ability of this majority to manipulate and outgeneral the minority.

Fourth, with a board to control and care for surplusage—as under the McNary-Haugen bill—the corporations to be created would do a certain amount of price fixing as to the surplus and in this way determine a price level, above which prices might range but never could go below. These corporations would always absorb the surplus. The administrative measure creates no power except the option of the co-operative bodies and these, for the reasons previously given, always at the mercy of non-controlled holding of their respective commodities, must hesitate.

Fifth, the equalization fee is the answer of an unsubsidized and unsubsidized agriculture with the will to pay its own way. However, the supreme merit of this fee is the ability of the commodity body to penalize continued over plantings. For example the bean commodity corporation with a six million bushel crop in 1925, with an equalization fee say of 25 cents per bushel, and a 2,000,000 bushel carry-over into 1926 would have announced a probable

50 cent fee per bushel to prevent another crop of that size to pile itself on top of the then carry-over. This is the effective means of acreage adjustments only after a surplus has been cared for. The administration measure makes no provision for such adjustments, but rather encourages production up to the limit of government loans, and leads to a "cul de sac" or a road without an outlet.

Sixth, the real objection by the interests opposed to the McNary-Haugen bill, is, because for the first time agriculture would collectively name a price level below which offering will not be made. If the market will not take the product the surplus control corporation does and in this way the collective price is made good.

Seventh, no one claims that high prices would follow a continued piling up of products. The equalization fee comes in to automatically penalize over plantings and in proportion to those who offend—i. e., the acreage plunger who figures he can guess the market and multiplies his acreage.

Eighth, the administration can make no claims to initiative or originality in farm relief legislation. The President's "best minds" commission report was negative in every suggestion, save one, and that was for the farmer to grow more clover seed. In fact this report was so barren, that I doubt if any of THE BUSINESS FARMER readers can recite a single suggestion thereof. With each recurrence of a method to actually give agriculture a hand in price making by an increasing vote in congress, the administration has come forward with a measure that stopped short of this accomplishment. The administration may mean well, but in a very feeble manner interprets agricultural problems.

## Did You Go to the Michigan State Fair?

(Continued from page 4)

every class several times what it was. To me the display was misleadin' because it looked like there isn't much bein' done in Michigan along the line of club work, but I know there is. Couldn't be the amount of the prizes because they were very liberal. Well, then, what was wrong? I'll bet many folks asked themselves that same question. Who can answer it?

Somethin' else I missed was the Farm Bureau and the Farmers' Clubs. I found the Grange and the Gleaners alright but neither of the others. What I would like to see next year when I go down to the Fair would be a buildin' known as the farmers' organizations buildin' and in this buildin' would be the Farm Bureau, Grange, Gleaners, Farmers' Clubs, State farm papers, Michigan Potato Growers' Exchange, Michigan Milk Producers Ass'n., Michigan Fruit Growers, Inc., Michigan Live Stock Exchange, and all other organizations in the State that are concerned with the farmer. It wouldn't take a very large buildin' as each one would need only a small amount of space to make a little display regarding its work and there should be one person in charge of each display to answer questions. Don't you think that would be a good idea? Maybe they could be all worked into the agricultural buildin'.

Another thing I didn't think so well of was givin' over so much of the space in the agricultural buildin' to the city folks that was raisin' flowers. I like flowers and think they ought to have a nice show of them each year, but not in the agricultural buildin' because that buildin' should be for agriculture only.

### Amusements

Yes, I can imagine that some of you fellers are wonderin' if I ain't goin' to say anything about the midway. There was plenty of midway alright with good shows, rides and games. I ain't told Martha yet that I took in a couple of them shows and spent eighty cents tryin' to win one of them cupee dolls but I suppose she'll find out about it some day. However, I hope she never hears that I rode the roller coaster 'cause if she

does I'll never hear the last of it. Martha says I had too good a time, she hears, and next year she's goin' too if I go. That means I got to begin savin' right now so we will have the money ready next year 'cause I'm going to be there. Maybe I'll see you there next year.

### OUR RADIO

By B. K. OSBORN

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

The Business Farmer broadcasts daily, except Saturday and Sunday, through station WGHP, of Detroit, on a wave length of 319.3 meters. 6:40.....Markets and News

### 17 RADIO STATIONS DROPPED

SEVENTEEN radio stations were dropped from the roll of the federal radio commission September 7th, either by their own request or for failure to apply for renewal of their licenses. Among these were WREO of the Reo Motor Co., Lansing and WTHO of the W. J. Thomas Broadcasting Co., Detroit. WREO will be missed very much by folks in the central part of the State as it sent out some excellent programs. The other stations dropped were out of the State and most of them of low power.

I have been reading your good paper with much interest since becoming acquainted with it about three years back, and it is a shame that we do not take time to express our appreciation for the good work you are doing oftener than we do. The various departments are equally good in their place.—H. M. Vixie, Berrien County.

We certainly think your paper fine and it helps the farmer in so many ways. Everything it contains is interesting.—James Abbot, Jr., Midland County.

### 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.)

## AMCO EGG MASH

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FEED MIXING SERVICE  
Open Formula Feed Rations  
of Recognized Quality

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400 lbs. St. Wheat Bran  
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200 " St. Wheat Middlings  
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200 " Heavy, Fine Ground, Clipped,  
Low-fiber Oats  
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2000 lbs.—One Ton Amco Egg Mash.

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Amco adopted this formula after it was recommended by the poultry feeding experts of three colleges of agriculture. It gives you the highest feeding value at a price no higher than you pay for secret formula mixtures. Try a bag of AMCO EGG MASH today. You can get it from your Authorized Amco Agent.

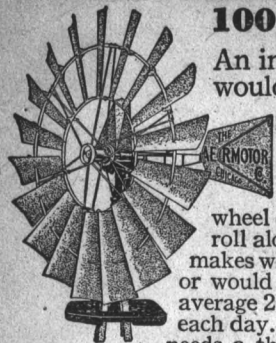
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## 4 TIMES Around the World with ONE OILING 100,000 Miles Without Stopping for Oil



An inventor who could develop an airplane which would perform such a feat would be considered a wonder. But such is the record of regular accomplishment by the Auto-oiled Aermotor in pumping water.

Did you ever stop to think how many revolutions the wheel of a windmill makes? If the wheel of an Aermotor should roll along the surface of the ground at the same speed that it makes when pumping water it would encircle the world in 90 days, or would go four times around in a year. It would travel on an average 275 miles per day or about 30 miles per hour for 9 hours each day. An automobile which keeps up that pace day after day needs a thorough oiling at least once a week. Isn't it marvelous, then, that a windmill has been made which will go 50 times as long as the best automobile with one oiling and keep it up for 25 or 30 years?

The **Auto-oiled Aermotor** after many years of service in every part of the world has proven its ability to run and give the most reliable service with one oiling a year. The double gears, and all moving parts, are entirely enclosed and flooded with oil. **Aermotors and Aermotor Towers withstand the storms.**

For full information write **AERMOTOR CO.** Chicago, Kansas City, Dallas, Minneapolis, Des Moines, Oakland



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If they are, you are losing money!  
You can stop this loss yourself  
AT SMALL COST

Write for FREE copy of "The Cattle Specialist," our cattle paper. Answers all questions asked during the past thirty years about this trouble in cows.

Let us tell you how to get the "Practical Home Veterinarian", a Live Stock Doctor Book, without cost. Veterinary advice FREE. Write us tonight about your live stock ailments. A postal will do.

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### Our 1,000-Pound Cows

Michigan State Herds now own 13 cows with records above 1,000 lbs. butter. One of these is the famous Traverse Colantha Walker with 7 records above 1,000 lbs. and four of these are 305-day records. Her highest record for 305 days is 1,267 lbs. butter and 26,158 lbs. milk. Four others have records from 1,100 to 1,153 lbs. and eight range from 1,023 to 1,099 lbs.

Michigan State Herds are bred for production. Insure production in your future herd by using a sire bred by Michigan State Herds.

Bureau of Animal Industry,  
H. W. Norton, Jr., Director,  
Lansing, Michigan

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## Detroit Beef Company

OLDEST AND MOST RELIABLE  
COMMISSION HOUSE IN DETROIT

Write for new shippers Guide  
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## BREEDER'S DIRECTORY

Advertisements inserted under this heading for reputable breeders of Live Stock at special low rates to encourage the growing of pure-breds on the farms of our readers. Our advertising rate is **Thirty Cents (30c)** per agate line, per insertion. Fourteen agate lines to the column (10th of an inch) following date of insertion. **SEND IN YOUR AD AND WE WILL PUT IT IN TYPE FREE.** If you can see how many lines it will fill. Address all letters, **BREEDERS DIRECTORY, MICHIGAN BUSINESS FARMER, MT. CLEMENS, MICH.**

### CLAIM YOUR SALE DATE

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

### CATTLE

**FOR SALE, 6 HIGH TEST GRADE COWS**  
From Jerseys crossed with registered 35 lb. Holstein bull. Frank Mahrtens, Hawks, Mich.

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**CALVES, YEARLINGS AND TWOS: HEREFORD STEERS AND HEIFERS**

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.

**V. V. BALDWIN, Eldon, Wapello Co., Iowa.**

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**FOR SALE PUREBRED POLLED SHORTHORN**  
Bulls and Heifers. Excellent quality. Prices reasonable. Geo. E. Burdick, Manager Branch County Farm, Coldwater, Michigan.

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

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

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**SHEEP** Karakules, Cotswolds, Lincolns, Tunis.  
All records sent on approval.  
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**REGISTERED HAMPSHIRE YEARLING RAMS.**  
Call or write Clark Haire's Ranch, West Branch, Mich., Charles Post, Mgr.

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**O. I. C.'s. GOOD LAST SPRING PIGS. NOT**  
akin. Recorded free. **OTTO B. SCHULZE & SONS, Nashville, Michigan.**

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**COAN CHEMICAL CO., Barnes, Kansas**

### POULTRY

**12 PUREBRED TOULOUSE GEESE \$50.00**  
or \$5.00 each.  
**O. JENSEN, Jones, Mich.**

## Michigan State Fair Prize Winners

### BELGIANS

Stallion, 5 years old or over—1. W. E. Scripps, Orion, Mich.; 2. C. E. Jones, Livermore, Ia.; 3. Owosso Sugar Co., Alicia, Mich. Stallion, 4 years old—1. C. E. Jones; 2. Owosso Sugar Co. Stallion, 3 years old—1. Hyllmede Farm, Beaver Pa.; 2. Owosso Sugar Co.; 3. Jones. Stallions, 2 years old—1. Owosso Sugar Co.; 2. Jones; 3. Owosso Sugar Co. Stallion, 1 year old—Owosso Sugar Co.; 2. Jones; 3. Scripps. Stallion foal—Scripps; 2. Hyllmede; 3. Jones. Senior and grand champion—Scripps. Reserve senior and reserve grand—Hyllmede. Junior Champion—Reserve—Owosso Sugar Co. Mare, 5 years or over—1. Jones; 2. Scripps; 3. Owosso Sugar Co. Mare, 4 years old—1. Owosso Sugar Co.; 2. Hyllmede; 3. Owosso Sugar Co. Mare, 3 years old—1. M. S. C.; 2. M. S. C.; 3. Scripps. Mare, 2 years old—1. M. S. C.; 2. Jones; 3. Scripps. Mare, 1 year old—Owosso Sugar Co.; 2. Scripps; 3. M. S. C. Mare foal—1. M. S. C.; 2. Scripps; 3. Jones. Mare and foal under 1 year—1. M. S. C.; 2. Jones; 3. Scripps. Mare and produce, two of any age—1. Owosso Sugar Co.; 2. Owosso Sugar Co.; 3. M. S. C. Stallion and three mares, owned by exhibitor—1. M. S. C.; 2. Scripps; 3. Owosso Sugar Co. Get of sire—1. M. S. C.; 2. M. S. C.; 3. Scripps. Best three mares—1. M. S. C.; 2. Owosso Sugar Co.; 3. Scripps. Best five stallions—1. Owosso Sugar Co.; 2. Jones.

### AGRICULTURAL AWARDS

**WINNERS** of previous years and at the International as well figured prominently in this year's show at the State Fair. Among them were: A. W. Jewett, Jr., E. H. Jewett, and L. H. Laylin, all of Mason; John C. Wilk, of St. Louis; D. A. Geddes, Saginaw; P. A. Smith, Millikens; Geo. Hutyler, So. Manitou; C. D. Finkbeiner, Saline; Farley Bros., Albion; D. R. Geddes, Swan Creek.

Senior and grand champion mare—M. S. C.; reserve grand and reserve senior—Owosso Sugar Co. Junior champion—M. S. C. Reserve—Owosso Sugar Co. Grand premier prize—M. S. C.

### PERCHERONS

Stallion, 5 years old or over—Great Rock Farm, Viroqua, Wis. Stallion, 4 years old—1. Singmaster & Son, Keota, Ia.; 2. Singmaster; 3. Singmaster. Stallion, 3 years old—1. Singmaster; 2. Great Rock; 3. Great Rock. Stallion, 2 years old—1. Singmaster; 2. M. S. C.; 3. Singmaster. Stallion, 1 year old—Singmaster. Senior and grand champion stallion—Singmaster. Reserve senior—Singmaster. Junior and reserve grand—Singmaster. Mare, 5 years old or over—1. Singmaster; 2. Great Rock. Mare, 4 years old—1. M. S. C.; 2. Singmaster; 3. Great Rock. Mare, 3 years old—Singmaster. Mare, 2 years old—1. M. S. C.; 2. Singmaster; 3. M. S. C. Mare, 1 year old—Singmaster; 2 and 3. M. S. C. Filly foal—M. S. C. Senior and grand champion—M. G. Magie. Reserve senior and reserve grand—M. S. C. Junior champion—Singmaster. Reserve—M. S. C. Mare and produce—1. M. S. C.; 2 and 3. Great Rock. Stallion and three mares—Singmaster; 2. M. S. C.; 3. Great Rock. Get of sire—1 and 3. Singmaster; 2. M. S. C. Best of three mares—1. Singmaster; 2. M. S. C. Best five stallions—1. Singmaster; 2. Great Rock. Best and largest display—1. Singmaster; 2. M. S. C.

### BEEF BREEDS—SHORTHORNS

Aged bull—1. Prescott & Sons, Tawas City, Mich.; 2. Davison Estate Farms, Davison, Mich.; 3. Brockett Bros., Copley, O. Senior yearling bull—1. Wagner. Junior yearling bull—1. Anoka Farms, Waukesha, Wis.; 2. Brockett; 3. Brockett. Summer yearling bull—1. Prescott; 2. Anoka; 3. Prescott. Senior calf—1. Anoka; 2. Prescott; 3. Davison. Three bulls owned by exhibitor—1. Anoka; 2. Prescott; 3. Davison. Two bulls owned and bred by exhibitor—1. Anoka. Senior champion bull—Prescott. Reserve senior—Wagner. Junior and grand champion—Prescott. Reserve junior and reserve grand—Anoka. Two-year old—1. Brockett; 2. Prescott; 3. Davison. Aged cow—1. Wagner; 2. Gotfredson; 3. Wagner. Senior yearlings—Prescott; 2. Davison; 3. Gotfredson. Junior yearlings—1. Davison; 2. Anoka; 3. Brockett. Summer yearlings—1. Anoka; 2. Brockett; 3. Davison. Heifer calves—Prescott; 2. Anoka; 3. Davison. Senior champion and grand champion—Edgebrook lilac 2nd. Reserve senior—Gypsy Cumberland 4th. Junior and reserve grand champion—Prescott. Reserve junior—Anoka. Aged herd—1. Davison; 2. Brockett; 3. Wagner. Yearling herd—1. Anoka; 2. Davison; 3. Prescott. Pair calves—1. Anoka; 2. Prescott; 3. Gotfredson. Premium champion breeder—Prescott.

### BEEF CATTLE—POLLED SHORT-HORNS

L. C. Kelly, Marshall, Mich., had the only herd at the fair and was given awards in all classes.

### HEREFORDS

Aged bull—1. Ash; 2. Fanner Stock Farm, Decatur, Ind.; 3. M. S. C. 2-year old bulls—1. Woodburn Farm, Spring Station, Ky.; 2. Ash, Harrisburg, Ill.; 3.

Woodburn. Senior yearling bull—1. Woodburn; 2. Fanner. Junior yearling bull—Woodburn; 2. Fanner; 3. Ash. Summer yearling bull—1. Woodburn; 2. Ash. Bull calf—1. Woodburn; 2. Fanner; 3. Ash. Three bulls—1. Woodburn; 2. Ash; 3. Fanner. Two bulls bred and owned by exhibitor—Fanner. Senior and grand champion—Ash. Reserve senior—Woodburn. Junior and reserve grand—Woodburn. Reserve junior—Melvin Hartland. Aged cows—1. Woodburn; 2. Fanner; 3. Ash. Two-year-old cows—1. Ash; 2. Woodburn; 3. Katherine McCarty, Bad Axe, Mich. Senior yearling cows—1. Woodburn; 2. Ash; 3. Fanner. Junior yearling—1. Fanner; 2. Ash; 3. Woodburn. Summer yearling—1. Woodburn; 2. Fanner; 3. Ash. Heifer calves—1. Fanner; 2 and 3. Woodburn. Two females—1. Woodburn; 2. Fanner; 3. Woodburn. Senior and grand champion—Woodburn. Reserve senior—Woodburn. Junior and reserve grand champion—Fanner. Reserve junior—Woodburn. Aged herd—1. Woodburn; 2. Fanner; 3. Ash. Yearling herd—Woodburn; 2. Fanner. Pair calves—1. Woodburn; 2. Fanner. Get of sire—1. Woodburn; 2. Fanner; 3. Woodburn.

### ABERDEEN—ANGUS

Aged bulls—1. Scripps; 2. Curry, Marlette, Mich. Bulls, 2 year old—1. Woodcote Stock Farm, Ionia, Mich.; 2. J. A. Brown, Detroit, Mich.; 3. Brown. Senior yearling bulls—1. Woodcote; 2. Curry; 3. Scripps. Junior yearling bull—1. M. S. C.; 2. Brown; 3. Curry. Summer yearling—1. Woodcote; 2. Scripps. Calves—1. Scripps; 2. Woodcote; 3. Scripps. Three bulls—1. Woodcote; 2. Scripps; 3. Curry. Two bulls, bred and owned by exhibitor—1. Woodcote; 2. Scripps; 3. Curry. Senior and grand champion bull—Scripps. Reserve senior—Woodcote. Junior and reserve senior champion—Woodcote. Woodcote reserve junior—Scripps. Aged cow—1. Woodcote; 2. Scripps; 3. Curry. Cow, 2 years old—1. Scripps; 2. Woodcote; 3. Curry. Senior yearling calf—1. Scripps; 2. Scripps; 3. Woodcote. Junior yearling calf—1. Woodcote; 2. Scripps; 3. Curry. Summer calves—1. Scripps; 2. Woodcote; 3. Curry. Heifer calves—1. Scripps; 2. Woodcote; 3. Scripps. Two females—1. Woodcote; 2. Scripps; 3. Curry. Senior and grand champion—Woodcote. Reserve senior—Scripps. Junior and reserve grand champion—Woodcote. Reserve junior—Scripps. Aged herd—1. Scripps; 2. Woodcote; 3. Curry. Yearling herd—1. Woodcote; 2. Scripps; 3. Curry. Pair calves—1. Scripps; 2. Woodcote; 3. Curry. Get of sire—1. Woodcote; 2. Scripps; 3. Scripps.

### COMMERCIAL CATTLE

Grade or pure-bred Shorthorn, Hereford or Angus steer. Junior yearlings—1. Scripps; 2. M. S. C.; 3. Elm Grove. Summer yearlings—1. Scripps; 2. Davison; 3. Tuscola County Boys' and Girls' Club. Senior calves—1. Scripps; 2. M. S. C.; 3. Woodcote. Grand champion—Scripps.

**MICHIGAN BEEF PRODUCERS PRIZE**  
For the best steer bred, fed and exhibited by a Michigan resident—1. Scripps; 2. Crapo Farms; 3. Scripps.

### MILKING SHORTHORNS

Aged bulls—1. Highland Farm, St. Johnsbury, Va.; 2. Wood & Son, Rives Junction, Mich.; 3. Gardiner, Crosswell, Mich. Bulls 2 year old—1. Webster, Providence,

### SOME CHOICE BEEF

**THE Statler Hotel of Detroit** bought Michigan's grand champion steer, raised by Wm. E. Scripps, of Orion, establishing a State Fair record price of 40 cents per pound. Reserve Grand Champion and Blue Ribbon Champion, exhibited by Crapo Farms, Swartz Creek, brought double the market price.

R. I.; 2. Highland Farm. Bulls, senior yearling—1. Knight; 2. Wood. Bulls, junior yearling—1. Gardiner; 2. Highland; 3. Knight. Cows in milk, calved before Aug. 1, 1922—1. Knight; 2. Highland; 3. Wood. Cows, 2 year old—1. Knight; 2. Highland; 3. Wood. Heifer calved between Aug. 1, 1924, and July 31, 1925—1. Wood; 2. Highland; 3. Gardiner. Heifers calved between Aug. 1, 1925, and Dec. 31, 1925—1. Wood; 2. Knight; 3. Gardiner. Heifers calved between Jan. 1, 1926, and July 31, 1926—1. Wood; 2. Highland; 3. Knight. Senior champion—Mayflowers Model. Reserve senior—Webster. Junior champion bull—Knight. Reserve—Gardiner. Grand champion bull—Knight; Reserve grand—Clay bells Hero. Senior champion cow—Brookside Lattie. Reserve senior—Wood. Junior champion cow—Wood. Reserve—Model. Maid. Grand champion—Brookside Lattie. Reserve—Peri, 103. Three cows in milk—1. Knight; 2. Wood; 3. Highland. Two cows—1. Wood; 2. Gardiner; 3. Highland. Graded herd—1. Knight; 2. Wood; 3. Highland. Yearling herd—Knight Wood. Pair of calves—1. Gardiner; 2. Highland; 2. Knight. Get of sire—1. Knight; 2. Wood; 3. Gardiner.

### RED POLLED—BEEF BREED

Bull, 3 year old and over—1. Olson, Altona, Ill.; 2. Battenfield Brothers, Fife Lake, Mich. Bull, 2 year old—1. Olson. Senior yearling bull—1. Olson; 2. Battenfield. Junior yearling bull—1. Olson; 2. Battenfield; 3. Battenfield. Bull calf—1. Battenfield; 2. Olson; 3. Olson. Cow, 3

### AUCTION SALE

### 50 HEAD OF

### AUCTION SALE

UP-TO-DATE BREEDING

## BIG TYPE POLAND CHINAS

SEPTEMBER 26, 1927

Write for Catalogue

**E. A. CLARK, MGR., BRECKENRIDGE, MICHIGAN**

Auctioneers: Elmer E. Gardhouse of Palmyra, Mo., and Col. Rasmussen of Urbana, Ill.



years old or over—1. Olson; 2. Olson; 3. Battenfield. Heifer, 2 years old—1. Rosalie; 2. Olson; 3. Battenfield. Senior yearling heifer—1. Olson; 2. Olson; 3. Battenfield. Junior yearling heifer—1. Olson; 2. Battenfield; 3. Battenfield. Heifer calf—1. Olson; 2. Olson; 3. Olson. Senior and grand champion bull—Olson. Reserve senior and reserve grand—Olson. Junior champion—Olson. Reserve junior—Olson. Junior champion and reserve grand female—Olson. Reserve junior—Olson. Senior champion and grand champion female—Olson. Reserve senior—Olson.

#### DAIRY CATTLE—HOLSTEIN-FRIESIAN

Bulls, 3 year old or over—1. Elmwood Farms, Deerfield, Ill.; 2. Jones, Romeo, Mich.; 3. Payne, Detroit, Mich. Bull, 2 year old and under 3—1. Buhl, Oxford, Mich.; 2. Gabel Creamery Co., Washington, Mich.; 3. Elmwood. Bull, 1 year and under 18 months—1. Detroit Creamery Co., Mt. Clemens, Mich.; 2. Payne. Bull calf—1. King Bess Lietertje Ormsby by Elmwood; 2 and 3. King Sylvia, Ormsby Piebo, Elmwood, and Dukes Mixture. Senior and grand champion bull—Elmwood. Reserve senior—Buhl. Junior and reserve grand champion—Detroit Creamery. Reserve junior, King Bessie Ormsby. Cow, 4 years old and over—1. Elmwood; 2. Detroit Creamery; 3. Elmwood. Cow, 3 years old and under 4—1. Buhl; 2. Detroit Creamery; 3. Jones. Heifers, 2 years old and under 3 in milk—1. El. Rayne; 2. Buhl; 3. Jones. Heifers, 3 years old and under 3, never freshened—1. Elmwood; 2. Elmwood; 3. Detroit Creamery. Heifer, 18 months and under 2 years—1. Jones; 2. Buhl; 3. Elmwood. Heifer, 1 year and under 18 months—1. Elmwood; 2. Detroit Creamery; 3. Elmwood. Heifer calf—1. Elmwood; 2. Detroit Creamery; 3. Elmwood. Senior and grand champion—Elmwood. Reserve senior—Buhl. Junior and reserve grand—Elmwood. Reserve junior—Princess Shuling Tensen. Graded herd—1. Elmwood; 2. Jones; 3. Pratt & Slue. Calf herd—1. Detroit Creamery; 2 and 3. Elmwood. Get of sire—1. Elmwood; 2. Buhl; 3. Detroit Creamery. Produce of cow—1. Elmwood; 2. Bayne; 3. Pratt & Slue. Dairy herd—1. Elmwood; 2. Jones; 3. Calcite.

#### GUEERNSEYS

Bull, 3 years old or over—1. Emmadine Farms, Hopewell Junction, N. Y.; 2. Avery, Coopersville, Mich.; 3. Jefferson Co. Guernsey Breeders Assn., Ft. Atkinson, Wis. Bull, 2 years old and under 3—1. Emmadine; 2. Avery; 3. Jefferson Co. Bull, 18 months old and under 2 years—1. Emmadine; 2. Jefferson Co.; 3. Avery. Bull, 1 year and under 18 months—1. Emmadine; 2. Fisher, Rochester, Mich.; 3. Jefferson Co. Bull calf—1. Emmadine; 2. Franchester; 3. Holmes, Coopersville, Mich. Senior and grand champion—Emmadine. Reserve senior—Emmadine. Junior and reserve grand champion—Emmadine. Reserve—Emmadine. Cow, 4 years old and over—1. Emmadine; 2. Avery; 3. Emmadine. Cows, 3 years old and under 4—1. Avery; 2. Emmadine; 3. Franchester. Heifer, 2 years old and under 3 in milk—1. Emmadine; 2. Franchester; 3. Franchester. Heifers, 2 years old and under 3, never freshened—1. Emmadine; 2. Avery; 3. Emmadine. Heifer, 18 months and under 2 years—1. Franchester; 2. Emmadine; 3. Avery. Heifer, 1 year old and under 18 months—1. Emmadine; 2. Emmadine; 3. Jefferson Co. Heifer calf—1. Jefferson Co.; 2. Emmadine; 3. Avery. Grand and senior champion—Emmadine. Reserve grand and junior champion—Jefferson Co. Reserve junior champion, Emmadine. Graded herd—1. Emmadine; 2. Emmadine; 3. Avery. Yearling herd—1. Emmadine; 2. Emmadine; 3. Franchester. Calf herd—1. Emmadine; 2. Jefferson Co.; 3. Franchester. Dairy herd—1. Emmadine; 2. Franchester; 3. Avery. Get of sire—1. Emmadine; 2. Franchester; 3. Emmadine. Produce of cow—1. Emmadine; 2. Franchester; 3. Emmadine.

#### AYRSHIRE

Bull, 3 years old and over—1. Evard & Sons, Deckerville, Mich.; 2. Shuttleworth, Pontiac; 3. Shuttleworth. Bull, 2 years old—1. Davidson, Ithaca, Mich.; 2. Booth Stock; 3. Evard. Senior yearling bull—1. Davidson; 2. Evard; Junior yearling bull—1. Evard; 2. Shuttleworth. Bull calf—1. Davidson; 2. Booth Stock; 3. Davidson. Cow, 4 years old and over—1. Davidson; 2. Booth; 3. Davidson. Cow, 3 years old and over—1. Davidson; 2. Booth; 3. Evard. Heifer, 2 year old and under 3, in milk—1. Booth; 2. Booth; 3. Booth.

Heifer, 2 years old and under 3, never freshened—1. Shuttleworth; 2. Booth; 3. Davidson. Senior yearling bull—1. Davidson; 2. Davidson; 3. Shuttleworth. Junior yearling heifer—1. Booth; 2. Evard; 3. Booth. Heifer calf—1. Davidson; 2. Davidson; 3. Davidson. Senior and grand champion—Davidson. Reserve senior—Evard. Junior champion—Davidson. Reserve—Balmoral Goodhope. Senior and grand champion cow—Davidson. Reserve—Shuttleworth. Junior and reserve grand—Davidson. Reserve junior—Booth. Exhibitors—1. Davidson; 2. Shuttleworth; 3. Evard. Breeder's herd—1. Davidson; 2. Shuttleworth; 3. Evard. Dairy herd—1. Davidson; 2. Booth; 3. Booth. Calf herd—1. Davidson; 2. Shuttleworth; 3. Evard. Get of sire—1. Davidson; 2. Booth; 3. Booth. Produce of cow—1. Davidson; 2. Shuttleworth; 3. Booth.

#### JERSEYS

Bull, 3 years old or over—Oaklands, Ann Arbor, Mich.; 2. Martin, Ann Arbor, Mich.; 3. Edison, Gd. Rapids, Mich. Bull, 2 years old—1. Oaklands; 2. Oaklands; 3. Martin. Senior yearling bull—1. Eardley; 2. Allen; 3. Brennan. Junior yearling bull—1. Edison; 2. Grennan, Northville, Mich.; 3. Oaklands. Bull calf—1. Eardley; 2. Grennan; 3. Grennan. Senior and grand champion bull—Oaklands. Reserve senior and reserve grand—Oaklands. Junior champion bull—Eardley; 2. Edison.

Cows 4 years old and over—1. Oaklands; 2. Oaklands; 3. Brennan. Cows, 3 years old—1. Oaklands; 2. Oaklands; 3. Eardley. 2-year-old heifers in milk—1. Oaklands; 2. Grennan; 3. Edison. 2-year-old heifers, never freshened—1. Brennan; 2. Eardley; 3. Oaklands. Senior yearling heifers—1. Oaklands; 2. Oaklands; 3. Oaklands. Junior yearling heifers—1. Oaklands; 2. Eardley; 3. Oaklands. Heifer calf—1. Oaklands; 2. Grennan; 3. Brennan. Senior and grand champion—Oaklands. Reserve senior—Oaklands. Junior champion—Oaklands. Reserve—Oaklands. Exhibitors' herd—1 and 2. Oaklands; 3. Brennan. Breeders' herd—1 and 2. Oaklands; 3. Grennan. Calf herd—1. Oaklands; 2. Grennan; 3. Brennan. Get of sire—1. Oaklands; 2. Oaklands; 3. Eardley. Produce of cow—1. Oaklands; 2. Eardley; 3. Oaklands. Dairy herd—1. Oaklands; 2. Oaklands; 3. Grennan. Cows, 3 years or over with yearlings of M. record—1. Oaklands; 2. Grennan; 3. Grennan.

#### SWINE—POLAND CHINAS

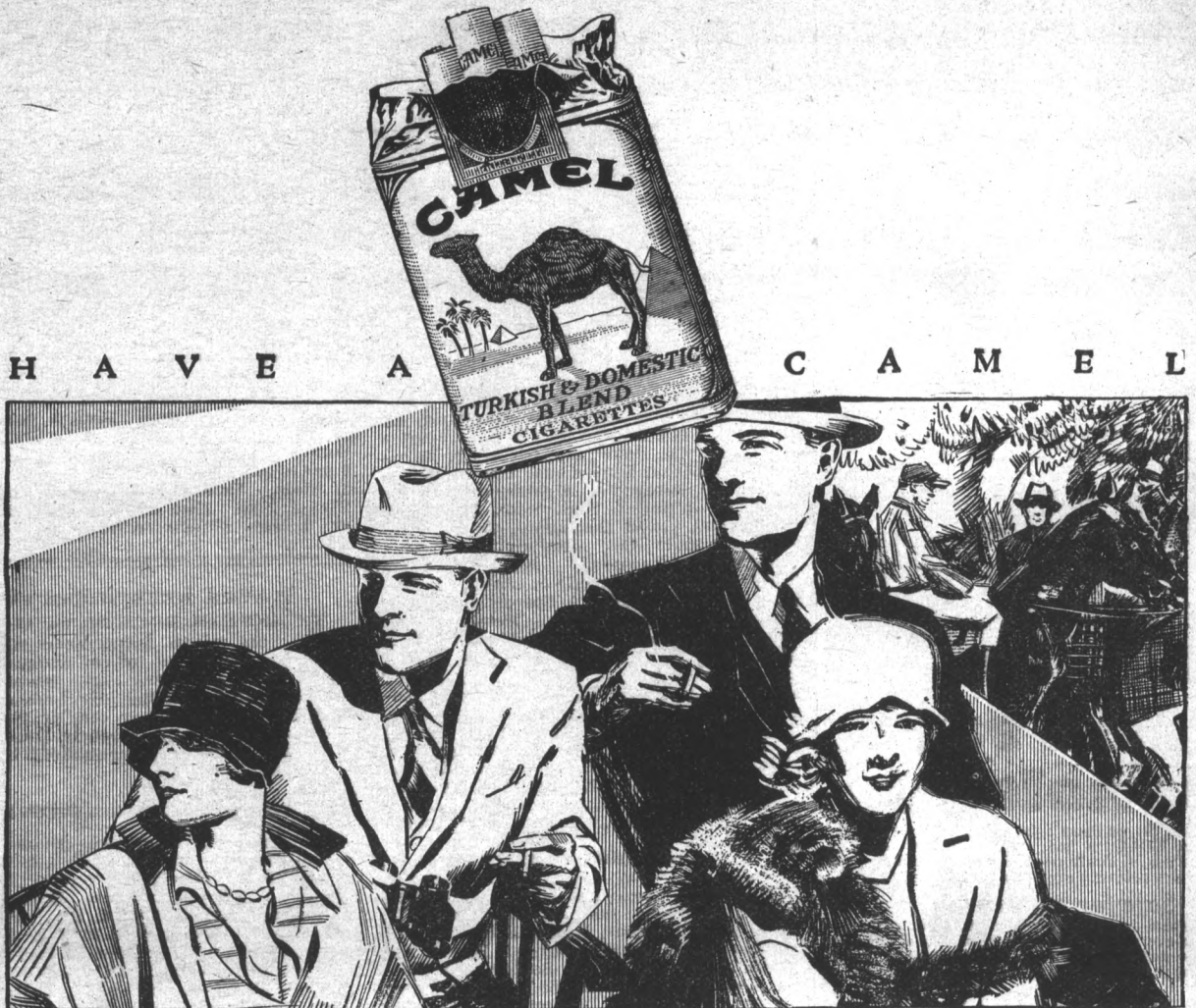
Aged boar—1. Needham, Saline, Mich.; 2. Prize Acre Farm, Norwalk, O.; 3. Littlejohn, Christiansburg, O. Senior yearling boar—1. Wetzel, Ithaca, Mich.; 2. Prize Acre; 3. Hover. Junior yearling boar—1. Needham; 2. Wetzel; 3. Littlejohn. Junior boar pig—1. Prize Acre; 2. Needham; 3. Needham. Senior and grand champion boar—Needham. Reserve senior

—Littlejohn. Junior champion boar—1. Hover. Reserve—Prize Acre. Aged sow—1. Needham; 2. Prize Acre; 3. Wetzel. Senior yearling sow—1. Needham; 2. Prize Acre; 3. Wood. Junior yearling sow—1. Prize Acre; 2. Prize Acre; 3. Wood. Junior yearling sow—1. Prize Acre; 2. Hover; 3. Littlejohn. Senior sow pig—1. Wetzel; 2 and 3. Littlejohn. Junior sow pig—1. Prize Acre; 2. Hover; 3. Ginbach, Saline, Mich. Grand and senior champion—Prize Acre. Reserve—Needham. Junior and reserve senior champion sow—Wetzel. Reserve—Littlejohn. Exhibitor's herd—1. Needham; 2. Prize Acre; 3. Littlejohn. Breeder's young herd—1. Littlejohn; 2. Wetzel; 3. Prize Acre. Get of sire—1. Littlejohn; 2. Wetzel; 3. Prize Acre. Produce of Dam—1. Prize Acre; 2. Hover; 3. Ginbach.

#### SPOTTED POLAND CHINAS

Aged boar—1. Beam, Rossbery, O.; 2. Rouston, Tecumseh, Mich.; 3. Wetzel, Ithaca, Mich. Senior yearling boar—1. Lister, Pulaski, Ia.; 2. Beam; 3. Rouston. Junior yearling boar—1. Beam; 2. Rouston; 3. Lister. Senior boar pig—1. Beam; 2. Lister; 3. Beam. Senior and grand champion boar—Lister. Junior champion boar—Lister. Junior champion Beam. Aged sow—1. Lister; 2. Rouston; 3. Beam. Senior yearling sow—1 and 2. Ritter; 3. Beam. Junior yearling sow—1. Ritter; 2. Rouston; 3. Lister. Senior sow pig—1. Beam; 2. Lister; 3. Ritter.

(Continued on Page 20)



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mild and unfailingly good*

MODERN, particular smokers, it is your insistence upon the best that makes Camel lead all other cigarettes. You are hard to please. In the true spirit of the modern age, you look for until you find value supreme in a cigarette. And it is this unremitting search for quality that puts Camel overwhelmingly first.

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



GUERNSEY HERD SIRE

R. Huguenin, manager of the J. C. Penny store at Lapeer, recently showed his interest in the dairy industry of his community by investing in this purebred Guernsey bull, Viola's Valor, from the celebrated Emmadine herd owned by Mr. Penney. The bull is kept at the home of Elmer Knapp, the man shown in the picture.





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are a good investment because they give long wearing service at reasonable cost.

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**K-R-O**  
Kills Rats Only

**Kill rats wholesale**

Get rid of them safely. Here's a new sure way. K-R-O, a fine, non-poisonous powder, kills 'em off in a hurry. Made from squill bulbs, the new safe way urged by government experts.

**Safe for poultry and pets**

Actual tests proved that it killed rats and mice every time, but other animals and poultry were not injured by the largest doses. Think what that means to farmers and merchants.

**Not a poison**

Use K-R-O freely. Place it around your home, your barn, your granary or farmyard. Contains no arsenic, phosphorus or barium-carbonate. At your druggist, 75c. 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.



**THICK, SWOLLEN GLANDS**

which make a horse wheeze, roar, have thick wind or choke-down can be reduced with Absorbine. Also other bunches or swellings. No blister, no hair gone, and horse kept at work. It's economical. At druggists, or \$2.50 postpaid.

Horse book 3-S free.

A thankful user says: "Completely removed flesh growth on gland about 7 inches diameter. Sincerely thank you for good advice and Absorbine."

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**CORONA MFG. CO.**  
82 Corona Bldg., Kenton, O.

Junior sow pig—1. Lister; 2. Ritter; 3. Beam. Senior and grand champion—1. Lister. Junior champion—Glen Lister. Exhibitor's herd—1. Lister; 2. Beam; 3. Ritter. Breeder's young herd—1. Ritter; 2. Beam; 3. Lister. Get of sire—1. Ritter; 2. Beam; 3. Lister. Produce of dam—1. Beam; 2. Glen Lister; 3. Ritter.

#### DUROCS

Aged boar—1. Houch & Rousa, Morenci, Mich.; 2. Havens, Burgoon, O.; 3. Williams, No. Adams, Mich. Senior yearling boar—1. Miller & Dickinson, Montpelier, O.; 2. Houch & Rousa; 3. Williams. Junior yearling boar—1. Miller & Dickinson; 2. Hellner, Ann Arbor, Mich.; 3. Williams. Senior boar pig—1. and 2. Lakefield Farms, Clarkston, Mich.; 3. Williams. Junior boar pig—1. and 2. Miller & Dickinson; 3. Watt. Senior and grand champion boar—Miller & Dickinson. Reserve—Houch. Junior champion—Lakefield. Reserve—Miller & Dickinson. Aged sow—1. Williams; 2. Miller & Dickinson; 3. Watt. Senior yearling sow—1. Miller & Dickinson; 2. Houch; 3. Miller. Junior yearling sow—1. and 2. Miller; 3. Houch. Senior sow pig—1. Lakefield; 2. Miller; 3. Lakefield. Senior sow pig—1. Lakefield; 2. Miller; 3. Watt. Senior and grand champion—Williams. Reserve senior—Miller & Dickinson. Junior—Junior—Miller & Dickinson. Reserve junior—Lakefield. Exhibitor's herd—1. Miller & Dickinson; 2. Williams; 3. Houch &

#### CLUB WORK EXHIBITORS

**BOYS' and Girls' Club members** from Washtenaw and Tuscola counties were the big winners in this class at the State Fair but many prizes went into the counties of Macomb, Huron, Oakland and Lenawee.

Rousa. Breeder's young herd—1. Miller; 2. Lakefield; 3. Watt. Get of sire—1. Miller; 2. Lakefield; Houch & Rousa. Produce of dam—1. Miller; 2. Lakefield; 3. Williams. Premier champion breeder—Lakefield.

#### BERKSHIRES

Aged boar—1. Corey Farms, New Haven, Mich.; 2. Fernwood Farms, Decatur, Ind.; 3. Gibson Bros., Fowlerville, Mich. Senior year boar—1. Beam, Rossburg, O. 2. Wetzel; 3. Gibson. Junior year boar—1. Tuscola Co. Boys' and Girls'; 2. Fernwood; 3. Corey. Senior boar pig—1. Fernwood; 2. Corey; 3. Fernwood. Junior boar pig—1. and 2. Fernwood; 3. Wetzel. Senior and grand champion—Corey. Reserve—Tuscola Co. Junior and reserve champion—Fernwood. Aged sow—1. Fernwood; 2. Fernwood; 3. Corey. Senior year sow—1. Gibson; 2. Corey; 3. Wetzel. Junior year sow—1. and 2. Fernwood; 3. Gibson. Senior sow pig—1. Corey; 2. Fernwood; 3. Corey. Junior sow pig—1. and 2. Fernwood; 3. Tuscola Co. Senior and grand champion—Fernwood. Reserve and junior champion—Corey. Exhibitor's herd—1. Fernwood; 2. Corey; 3. Gibson. Breeder's young herd—1. Fernwood; 2. Corey; 3. Wetzel. Get of sire—1. Fernwood; 2. Corey; 3. Tuscola. Produce of dam—1. Fernwood; 2. Tuscola Co.; 3. Corey. Premium champion breeder—Corey.

#### CHESTER WHITES

Aged boar—1. Newman, Marlette, Mich.; 2. Hickman, Marion, O.; 3. Wetzel. Senior yearling boar—1. Hickman; 2. McCalla, Ann Arbor, Mich.; 3. Hile. Junior yearling boar—1. Hickman; 2. Bench, Armada, Mich.; 3. Adams. Senior boar pig—1. Newman; 2. McCalla; 3. Newman. Junior boar pig—1. Newman; 2. Rogers; 3. Rogers. Senior and grand champion—Newman. Reserve senior—Hickman. Junior champion—Newman. Reserve—Newman. Aged sow—1. Rogers; 2. Hickman; 3. Bench. Senior yearling sow—1. Rogers; 2. Rogers; 3. Hickman. Junior yearling sow—1. Newman; 2. Bench; 3. Rogers. Senior sow pig—1. and 2. Hickman; 3. Newman. Junior sow pig—1. Tuscola Co. Boys' and Girls'; 2. Rogers; 3. Rogers. Exhibitor's herd—1. Newman; 2. Rogers; 3. Bench. Breeder's young herd—1. Hickman; 2. Rogers; 3. Newman. Get of sire—1. Hickman; 2. Rogers; 3. Newman. Produce of dam—1. Rogers; 2. Hickman; 3. Newman.

#### HAMPSHIRE

Aged boar—1. Woodland Farms, Wilmington, O.; 2. Haley & Craper, Bula, Ill.; 3. Gibson Brothers, Fowlerville, Mich. Senior yearling boar—1. Woodland; 2. Murry, Toulon, Ill.; 3. Gibson. Junior yearling boar—1. Whinery; 2. Woodland; 3. Murry. Senior boar pig—1. Haley & Craper; 2. Whinery; 3. Woodland. Junior boar pig—1. Whinery; 2. Woodland; 3. Haley & Craper. Senior and grand champion—Woodland. Junior champion—Haley & Craper. Aged sow—1. Woodland; 2. Whinery; 3. Murry. Senior yearling sow—1. Woodland; 2. Murry; 3. Whinery. Junior yearling sow—1. Haley & Craper; 2. Woodland; 3. Whinery. Senior sow pig—1. Woodland; 2. Murry; 3. Woodland. Junior sow pig—1. Whinery; 2. Woodland; 3. Whinery. Senior and grand champion sow—Woodland. Junior champion—Whinery. Exhibitor's herd—1. Woodland; 2. Whinery; 3. Haley. Breeders' young herd—1. Whinery; 2. Craper; 3. Woodland. Get of sire—1. Woodland; 2. Whinery; 3. Craper. Produce of dam—Woodland.

#### TAMWORTHS

Aged boar—1. Smithson & Sutherlin Bros., Russellville, Ind.; 2. Sunnyslane Farms, Shelbyville, Ind.; 3. Adams, Litch-

field, Mich. Senior yearling boar—1. Sunnyslane; 2. Smithson; 3. Adams. Junior yearling boar—1. Sunnyslane; 2. Adams; 3. Smithson. Senior boar pig—1. Sunnyslane; 2. and 3. Adams. Junior boar pig—1. and 2. Sunnyslane; 3. Adams. Senior and grand champion—Sunnyslane. Reserve—Smithson. Junior champion—Sunnyslane. Reserve—Sunnyslane. Aged sow—1. Sunnyslane; 2. Adams. Senior yearling sow—1. Sunnyslane; 2. Smithson; 3. Sunnyslane. Junior yearling sow—1. Smithson; 2. Adams; 3. Smithson. Senior sow pig—1. Smithson; 2. Sunnyslane; 3. Adams. Junior sow pig—1. and 2. Sunnyslane; 3. Jackson, Rockford, O. Senior and grand champion—Sunnyslane. Reserve—Smithson. Junior champion—Smithson. Reserve—Sunnyslane.

#### YORKSHIRES

Aged boar—1. Jackson, Rockford, O. Senior year boar—Jackson. Junior year boar—1. Jackson. Senior boar pig—1. Jackson; 2. Wetzel. Junior boar pig—1. Jackson; 2. Wetzel. Champions—Jackson. Aged sow—1. Jackson; 2. Jackson. Senior year sow—1. Jackson; 2. Jackson. Junior year sow—Jackson. Senior sow pig—Jackson. Junior sow pig—1. and 2. Wetzel; 3. Jackson. Senior and grand champion—Jackson. Junior champion—Wetzel. Exhibitor's herd—1. Jackson; 2. Wetzel. Get of sire—1. and 2. Jackson; 3. Wetzel. Produce of dam—Jackson.

#### SHEEP—AMERICAN MERINO

CLASS 1  
Type show—1. Moore, Mason, Mich.; 2. Calhoun Bros., Bronson, Mich.; 3. Deeds, Pataskala, O. Ram 2 years old or over—1. Moore; 2. Blamer & Son, Johnston, O.; 3. Deeds. Ram 1 year old—1. Deeds; 2. Moore; 3. Blamer. Ram lamb—1. Calhoun; 2. Staley; 3. Calhoun. Ewe 2 years old or over—1. Blamer; 2. Calhoun; 3. Moeckel, Munith, Mich. Ewe 1 year old—1. Moore; 2. Calhoun; 3. Moeckel. Ewe lamb—1. Blamer; 2. Kohli; 3. Staley. Champion ram—Moore. Reserve—Deeds. Champion ewe—Blamer. Reserve—Moore. Flock—1. Moore; 2. Blamer; 3. Calhoun. Breeders' young flock—1. Calhoun; 2. Kohli; 3. Deeds. Get of sire—1. Calhoun; 2. Staley; 3. Moeckel. Progeny of ewe—1. Moore; 2. Deeds; 3. Calhoun. Premier Michigan breeder—Moore.

AMERICAN MERINOS—CLASS B  
Type show—1. Staley; 2. Sly; 3. Calhoun. Ram 2 years old or over—1. Sly; 2. Blamer; 3. Staley. Ram 1 year old—1. Blamer; 2. Calhoun; 3. Sly. Ram lamb—1. Calhoun; 2. Sly; 3. Staley. Ewe 2 years old or over—1. Blamer; 2. Moore; 3. Staley. Ewe 1 year old—1. Staley; 2. Sly; 3. Nye. Ewe lamb—1. Sly; 2. Blamer; 3. Nye. Champion ram—Sly. Reserve

#### STATE'S HEALTHIEST BOY

**KENNETH ROCKER**, an 18-year-old youth living near Wixom, was picked by the judges at the State Fair, as Michigan's healthiest boy. The girl winner was Julia Allen, 15 years old, of Waters. They will go to Chicago in December as Michigan's representatives in the national contest.

—Blamer. Champion ewe—Blamer. Reserve—Staley. Flock—1. Sly; 2. Blamer; 3. Staley. Breeders' young flock—1. Staley; 2. Sly; 3. Calhoun. Get of sire—1. Calhoun; 2. Staley; 3. Sly. Progeny of ewe—1. Calhoun; 2. Sly; 3. Moeckel. Premier Michigan breeder—Calhoun Bros.

#### CLASS 3—DELAINE MERINO

Type show—1. Staley; 2. Calhoun; 3. Sly. Ram 2 years old or over—1. Blamer; 2. Calhoun; 3. Deeds. Ram 1 year old—1. Sly; 2. and 3. Calhoun. Ram lamb—1. Staley; 2. Sly; 3. Calhoun. Ewe 2 years old or over—1. Staley; 2. Nye; 3. Staley. Ewe 1 year old—1. Sly; 2. Calhoun; 3. Nye. Ewe lamb—1. Sly; 2. Blamer; 3. Moeckel. Champion ram—Blamer. Reserve—Sly. Champion ewe—Blamer. Reserve—Sly. Flock—1. Sly; 2. Blamer; 3. Calhoun. Breeders' young flock—1. Sly; 2. Calhoun; 3. Deeds. Get of sire—1. Calhoun; 2. Staley; 3. Deeds. Progeny of ewe—1. Sly; 2. Calhoun; 3. Deeds.

#### BLACKTOP DELAINE MERINO

Type show—1. Haist, Chelsea, Mich.; 2. Hendee & Son, Pinckney, Mich.; 3. Moore. Ram 2 years old or over—1. Haist; 2. Hendee; 3. M. S. C. Ram 1 year old—1. Rose, Howell, Mich.; 2. Haist; 3. Hendee. Ram lamb—1. and 3. Hendee; 2. Haist. Ewe 2 years old or over—1. Hendee; 2. Haist; 3. Moeckel. Champion ram—Haist. Reserve—Rose. Champion ewe—Hendee. Reserve—Haist. Breeders' young flock—1. Haist; 2. Hendee; 3. Moore. Get of sire—1. Hendee; 2. Haist; 3. Moore. Progeny of ewe—1. Haist; 2. Hendee; 3. Moore. Premier champion breeder—Haist.

#### RAMBOUILLET (TYPE B)

Type show—1. Moore; 2. Moeckel; 3. Calhoun. Ram 2 years old or over—1. Moeckel; 2. Moore; 3. Calhoun. Ram 1 year old—1. Moore; 2. Shaw; 3. M. S. C. Ram lamb—1. Shaw; 2. Moore; 3. Moeckel. Ewe 2 years old or over—1. Moore; 2. Nye; 3. Moeckel. Ewe 1 year old—1. Moore; 2. Shaw; 3. M. S. C. Ewe lamb—1. Shaw; 2. Moore; 3. Nye. Champion ram—Moeckel. Reserve—Moore. Champion ewe—Moore. Reserve—Shaw. Flock—1. Moore; 2. Moeckel; 3. Shaw. Breeders' young flock—1. Moore; 2. Shaw; 3. Calhoun. Get of sire—1. Shaw; 2. Moore; 3. Calhoun. Progeny of ewe—1. Moore;

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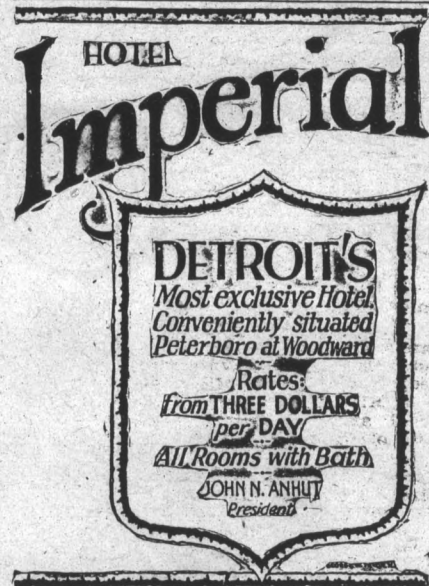
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New York, N. Y., August 31, 1927.  
The Board of Directors have declared a regular quarterly dividend of one and three-quarters per cent (1 3/4%) on the Cumulative 7% Preferred Stock of this Company, and a regular quarterly dividend of one and one-half per cent (1 1/2%) on the Cumulative 6% Preferred Stock of this Company, for the current quarter, payable October 15th, 1927, to holders of record at the close of business October 1, 1927. Checks will be mailed. Transfer books will not close.  
OWEN SHEPHERD, Vice President & Treasurer.



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#### RAMBOUILLET (TYPE C)

Type show—1. Moore; 2. Moeckel; 3. M. S. C. Ram 2 years old or over—1. M. S. C.; 2. Blamer; 3. Nye. Ram 1 year old—1. Calhoun; 2. Shaw; 3. Moeckel. Ram lamb—1. Shaw; 2. Nye; 3. Calhoun. Ewe 2 years old or over—1. M. S. C.; 2. Moeckel; 3. Moore. Ewe 1 year old—1. Moeckel; 2. Calhoun; 3. Moore. Ewe lamb—1. Nye; 2. and 3. Shaw. Champion ram—M. S. C. Reserve—Calhoun Bros. Champion ewe—M. S. C. Reserve—Nye. Flock—1. Calhoun; 2. Shaw; 3. Nye. Breeders' young flock—1. Calhoun; 2. Shaw; 3. Moore. Get of sire—1. Shaw; 2. Calhoun; 3. Moore. Progeny of ewe—1. Shaw; 2. Calhoun; 3. Moore. Premier champion breeder—Calhoun.

#### SHROPSHIRE

Ram 2 years old or over—Broughton & Son, Albany, Wis.; 2. M. S. C.; 3. Clifton, Agosta, O. Ram 1 year old—1. M. S. C.; 2. Guthery; 3. Holycross, Marysville, O. Ram lamb—1. Doerfler, Maclay, Ore.; 2. Broughton; 3. Scripps, Orion, Mich. Ewe 2 years old or over—1. Clifton; 2. Doerfler; 3. Guthery. Ewe 1 year old—1. Broughton; 2. Holycross; 3. Guthery. Ewe lamb—Doerfler; 2. Steele; 3. Broughton. Champion ram—Broughton. Reserve—M. S. C. Champion ewe—Clifton. Reserve—Broughton. Flock—1. Broughton; 2. Doerfler; 3. Guthery. Breeders' young flock—1. Chapman; 2. Guthery; 3. Holycross. Pen of yearlings—1. Guthery; 2. Broughton; 3. M. S. C. Get of sire—1. Doerfler; 2. Broughton; 3. Scripps. Progeny of ewe—1. Broughton; 2. Doerfler; 3. Guthery. Premier Mich. Breeder—Steele.

#### HAMPSHIRE

Ram 2 years old or over—1. Cherry, Xenia, O.; 2. Hubbard & Sons, Monroe, Ore.; 3. Cherry. Ram 1 year old—1. Cherry; 2. Hubbard; 3. Cherry. Ram lamb—1. Hubbard; 2. and 3. Cherry. Ewe 2 years old or over—1. Hubbard; 2. Cherry; 3. M. S. C. Ewe 1 year old—1. and 2. Hubbard; 3. Cherry. Ewe lamb—1. Cherry; 2. Hubbard; 3. Cherry. Champion ram—Cherry. Reserve—Cherry. Champion ewe and reserve—Hubbard. Flock—1. Hubbard; 2. Cherry; 3. Wilson. Breeders' young flock—1. Hubbard; 2. Cherry; 3. Wilson. Pen of yearlings—1. Cherry; 2. Welch. Get of sire—1. Hubbard; 2. Cherry; 3. Welch. Progeny of ewe—1. Hubbard; 2. Cherry; 3. M. S. C. Premier Mich. Breeder—Welch.

#### OXFORD

Ram 2 years old or over—1. Kizer, Harrisburg, Ore.; 2. Lee, Waterford, Ont.; 3. Canedy, Eaton Rapids, Mich. Ram 1 year old—1. Kizer; 2. Kizer; 3. Lee. Ram lamb—1. and 2. Kizer; 3. Beasore. Ewe 2 years old or over—1. Kizer; 2. Beasore; 3. Kizer. Ewe 1 year old—1. and 2. Kizer; 3. Bursley. Ewe lamb—1. Kizer; 2. Lee; 3. Kizer. Champion ram—Kizer. Reserve—Kizer. Champion ewe—Kizer. Reserve—Kizer. Flock—1. Kizer; 2. Lee; 3. Bursley. Breeders' young flock—1. Kizer; 2. Bursley; 3. Lee. Pen of yearlings—1. Kizer; 2. Bursley. Get of sire—1. Beasore; 2. Bursley; 3. Lakefield. Progeny of ewe—1. Kizer; 2. Lee; 3. Bursley. Premier champion breeder—Bursley.

#### DORSET

Ram 2 year old or over—1. Wells, West York, Ill.; 2. and 3. Branson, Cadiz, O. Ram 1 year old—1. and 2. Branson; 3. Kelley. Ram lamb—1. Wells; 2. Branson; 3. Minish, Hudson, Ia. Ewe 2 years old—1. Branson; 2. and 3. Wells. Ewe lamb—1. Wells; 2. Minish; 3. Minish. Champion ram—Wells. Reserve—Branson. Champion ewe—Branson. Reserve—Kelley. Flock—1. Wells; 2. Branson; 3. Kelley. Breeders' young flock—1. Branson; 2. Kelley; 3. Hover. Pen of yearlings—1. Branson; 2. Kelley; 3. Hover. Get of sire—1. Wells; 2. Kelley; 3. Hover. Progeny of ewe—1. Wells; 2. Branson; 3. Kelley.

#### CHEVIOTS

Ram 2 years old or over—1. Collins, Cynthiana, Ky.; 2. Minish; 3. Collins. Ram 1 year old—1. Collins; 2. and 3. Minish. Ram lamb—1. and 2. Collins; 3. Minish. Ewe 2 years old or over—1. and 2. Collins; 3. Kelly. Ewe 1 year old—1. and 2. Collins; 3. Minish. Ewe lamb—1. Collins; 2. Minish; 3. Collins. Champion ram—Collins. Reserve—Collins. Champion ewe and reserve—Collins. Flock—1. Collins; 2. Minish; 3. Kelly. Breeders' young flock—1. Collins; 2. Minish; 3. Kelly. Pen of yearlings—1. Collins; 2. Minish; 3. Kelly. Progeny of ewe—1. Collins; 2. Shropshire; 3. Minish. Get of sire—1. Collins; 2. Minish; 3. Kelly. Premier Mich. Breeder—Kelly.

#### COTSWOLD

Ram, 2 years old or over—1. Hintz, Clyde, O.; 2. Welch, Ionia, Mich.; 3. Hintz. Ram, 1 year old—1. Shore, Glanworth, Ont.; 2. Hintz; 3. Shore. Ram lamb—1. Hintz; 2. and 3. Shore. Ewe 2 years old or over—1. Hintz; 2. Hintz; 3. Shore. Ewe 1 year old—1. and 2. Shore; 3. Hintz. Ewe lamb—1. Hintz; 2. Shore. Champion ram—Hintz. Reserve—Shore. Champion ewe—Hintz. Reserve—Shore. Flock—1. Hintz; 2. Shore; 3. Fielder. Breeders' young flock—1. Shore; 2. Hintz; 3. Fielder. Pen of yearlings—1. Shore; 2. Hintz; 3. Fielder. Get of sire—1. Hintz; 2. Shore; 3. Fielder. Progeny of ewe—1. Shore; 2. Hintz; 3. Fielder. Premier Mich. breeder—Welch.

#### SOUTHDOWN

Ram 2 years old or over—1. and 2. Hubbard; 3. Chapman & Son, So. Rockwood, Mich. Ram 1 year old—1. and 2. Hubbard; 3. Minish. Ram lamb—1. and 2. Hubbard; 3. Clifton. Ewe 2 years old or over—1. Hubbard; 2. Kelly; 3. Hubbard. Ewe lamb—1. Chapman; 2. and 3. Hubbard. Champion ram and reserve—Hubbard. Champion ewe and reserve—Hubbard. Flock—1. Hubbard; 2. Chapman; 3. Minish. Breeders' young flock—1. Hubbard; 2. Kelly. Pen of yearlings—1. Hubbard; 2. Kelly. Get of sire—1. Hubbard; 2. Kelly. Progeny of ewe—1. Hubbard; 2. Chapman; 3. Kelly. Premier Breeder—Kelly.

#### LINCOLN AND LEICESTER

Ram 2 years old or over—1. Lee, Highgate, Ont.; 2. Fielder & Son, DeGraff, O. Ram 1 year old—1. and 2. Lee; 3. Fielder. Ram lamb—1. and 2. Lee; 3. Fielder. Ewe lamb—1. Lee; 2. and 3. Fielder. Champion ram and reserve—Lee. Champion ewe and reserve—Lee. Flock—1. Lee; 2. Fielder; 3. Shuttleworth. Breeders' young flock—1. Lee; 2. Fielder. Pen of yearlings—1. Fielder. Get of sire—1. Lee; 2. Fielder. Progeny of ewe—1. Lee; 2. Fielder.

#### FAT SHEEP

Middle wool wether lamb—1. and 2. Welch; 3. Scripps. Pen of 3 middle wool wether lambs—1. Welch; 2. Scripps. Fine wool wether lamb—1. and 2. Moeckel. Pen of 3 fine wool wethers—Moeckel.

#### WOOL EXHIBIT

Merino lamb fleece—Kohl, Merino ewe fleece—Kohl, Bros., Pandora, O. Delaine merino ram fleece—1. Buss, Ann Arbor, Mich.; 2. M. S. C. Delaine ewe fleece—1. Moeckel. Black top merino ram fleece—1. Haist; 2. Hendee. Black top merino ewe fleece—1. Haist; 2. Hendee. Rambouillet ewe fleece—1. M. S. C.; 2. Moeckel. Shropshire ram fleece—1. Armstrong Bros., Fowlerville, Mich.; 2. Woodward & Son, Pottersville. Shropshire ewe fleece—1. Armstrong; 2. M. S. C. Hampshire ram fleece—1. Mitchell, Lucas, O.; 2. McDowell, Mercer, Pa. Hampshire ewe fleece—1. M. S. C.; 2. McDowell. Oxford ram fleece—1. and 2. Bursley Bros., Charlotte, Mich. Oxford ewe fleece—Bursley. Southdown ram fleece—1. M. S. C.; 2. Kelly. Southdown ewe fleece—1. Kelly; 2. Clifton. Dorset ram fleece—1. M. S. C.; 2. Kelly. Dorset ewe fleece—1. Kelly; 2. Branson, Cadiz, O. Cheviot ram fleece—1. and 2. Collins, Cynthiana, Ky.

## Good Poultry Show at State Fair

"THE poultry show is good and the display of production classes is double what it ever was before." That is what Prof. C. G. Card head of the Department of Poultry Husbandry, M. S. C., told the M. B. F. reporter when asked what he thought of it. In previous years only part of the poultry building was given over to the purpose for which it was constructed but this year poultry and pet stock filled it right to the doors. Prizes were fairly liberal, there being \$9,664.00 for poultry and pet stock, compared with \$14,227.00 for horses, \$23,629.00 for cattle, \$7,477.00 for sheep and wool, and \$8,593.00 for swine.

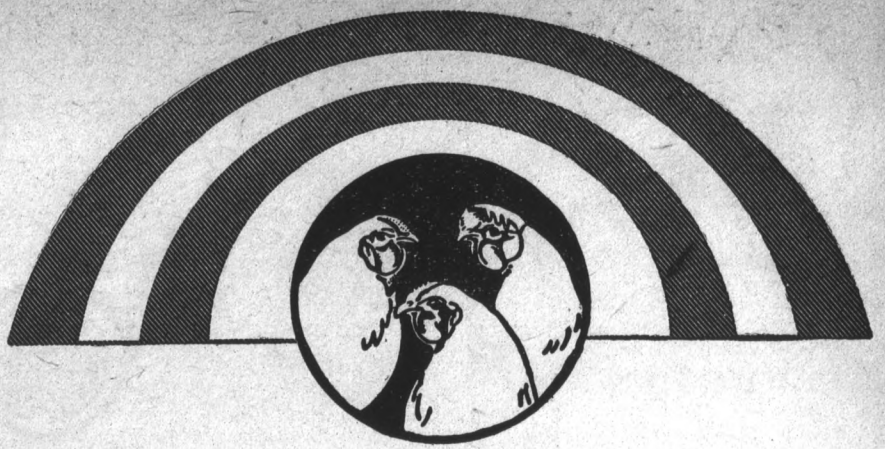
Among the Michigan exhibitors in the standard breeds to carry home many prizes were: H. Berndt of Holly, A. J. Ernst of Saline, Michigan State Prison at Jackson, Dean W. Thrasher of Drayton Plans, Mrs. H. Hoppe and Son of Grass Lake, and Meadowbrook Hatchery of Avoca in the Barred Rocks; Vassar Hatchery of Vassar, D. B. Wilhelm of Clyde, and Litchfield Hatchery of Vassar in White Rocks; Elery Sadler of Ortonville, Litchfield Hatchery, and Mrs. Lloyd Algee of Ortonville in Rhode Island Reds; W. S. Hannah and Son

of Grand Rapids, Grandview Poultry Farm of Zeeland, Harry Burns of Millington, and R. Wenig of Hudson in White Leghorns; Wm. Derr of Litchfield, L. C. Kelly of Marshall, Wayne Chipman of Washington, and Litchfield Hatchery of Litchfield in Wyandottes.

#### OTTAWA POULTRY CO-OP TO BE PERMANENT

THAT the Ottawa Egg and Poultry Products Cooperative Ass'n will become a permanent organization within a few weeks is assured. While the final canvass has not been completed the goal of 100,000 hens has been topped. Over 300 members with over 100,000 hens, constituting about one-eighth of all the poultry in southern Ottawa and north Allegan, have been signed, and it is expected the membership will reach 400 before they get through. Official headquarters will be established in Zeeland according to plans.

We have been taking your BUSINESS FARMER and we think it one grand paper. We can hardly wait to read the news.—A. L. Pellston, Mich.



## While others loaf the Larro-fed flock lays eggs

Look at these production figures from the Larro-fed flock of Leghorn pullets, owned by Mrs. S. K. Lourim of Herndon, Virginia:

Pullets	Month	Eggs	Monthly Average Per Bird
327	November, 1926	4690	14.35
327	December	5624	17.19
327	January, 1927	5822	17.80
326	February	6453	19.79
324	March	7670	23.67

Grand average for the entire flock—92.8 eggs per bird for the five months or 61.4% production.

That is the kind of winter laying that puts money in the bank. Larro Egg Mash makes such production possible because it is especially designed to meet modern production requirements. It is different from any ration you have ever fed—a feed that marks the beginning of a new era in poultry husbandry.

Larro Egg Mash makes every bird yield the utmost profit of which she is capable, not just for a month or two but all the year round. It has just the right amount of buttermilk—the necessary vitamins, minerals and egg making materials—all in a uniform mixture of Larro-blended ingredients that keeps health at the peak and gives you more eggs and more profit over feed cost than any other ration.

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# MARKET FLASHES



## Future Bright For Corn, Oats and Rye

Outlook For Wheat Market Not So Promising

By W. W. FOOTE, Market Editor.

GENERAL conditions are regarded as promising for the next year, making due allowance for short corn crops in a number of states in the corn belt. A short time ago the chairman of the federal farm loan board reported that farm receipts from all sources for the year will be more than a billion greater than in 1926. It is safe to say that commercial corn will command far higher market prices than last year's crop, and oats and rye should sell well, but it appears to be somewhat doubtful at least whether wheat prices average much if any higher. When market prices for live stock are investigated every stock grower may be said to feel much disappointed over the 1927 slump in hogs, which was far more than any decline in prices for fresh and cured hog meats in the retail markets. As for the future, it is most likely that most farmers of the corn states will continue in the hog business, and probably high-priced corn will cause good advances in hogs. The cattle industry has made a splendid record, due to a genuine shortage of both natives and rangers and a large demand, and within a short time prime heavy and yearling steers have topped the Chicago market, bringing the highest prices of the year. There is a wide range of prices, but even ordinary grassy steers sell much higher than in recent years. Grass is good in grazing districts, and the demand for stocker and feeder cattle is active at \$7.75 to \$8.75. Michigan farmers maintain many flocks of sheep, and the industry thrives in spite of greatly excessive marketings in packing points of late. Many high-grade flocks are being started, and breeding ewes are sold at \$6.50 to \$14. Range light weight feeding lambs are bought in Chicago at \$13 to \$14 per 100 pounds to go to farming districts. A startling increase in the grape crop in the last ten years is reported.

### Watching the Corn Grow

This is an exceptional year in the growth of corn, and while all reports agree that the short acreage and damage to the crop during the long period of cold, rainy weather mean a reduced yield and much soft corn, the late appearance of hot weather is doing wonders to the development of both early and late planted corn. To a large extent corn has done much better in the far west and southwest than in most of the states comprising the corn belt of the middle west, and farmers of Nebraska, Montana and Wyoming engaged in raising corn and other grain crops are in the most prosperous condition for years.

Farmers have been watching the growth of their corn and hoping that the crop will mature before early frosts get a chance to do any serious injury. Unusually hot September has worked wonders, and it is now expected that the crop will much exceed the late estimate of the Department of Agriculture. Prices are still much higher than a year ago, while far below those of several weeks ago, recent sales being 28 cents under the previous high time. Such hot weather is a novelty in September, thermometers registering 75, and reports pointing to a crop of 2,500,000,000 bushels. However, the real test will come a few weeks later when early frosts are to be feared. Oats are selling at an advance of several cents over prices paid a year ago on account of serious damage to the crop, while rye and barley sold a little higher than last year. The early advance in wheat has been lost because of the liberal marketing, and prices are lower than at this date in 1926. The Canada spring wheat crop is estimated at 400,000,000 bushels, and it is estimated that North America will have 500,000,000 bushels for export.

### Great Boom in Cattle

The stockmen of the country are greatly surprised by the big boom in prices for well finished corn fed

cattle, their production being far below requirements of the packers. Recent arrivals of cattle in the Chicago and other markets were greatly increased, yet the year's aggregate receipts in all western packing points are much under recent years. Grassy short fed cattle comprise a big share of the receipts, yet even these sell far higher than in recent years. Steers have been selling at \$9 to \$15.75, largely at \$10 to \$14.90, with heavy lots at the top and yearlings close to them. A year ago cattle sold at \$8 to \$12. Fat heifers sell at \$6.50 to \$12.75 and stockers and feeders at \$7 to \$10.

### The Advance in Hogs

The advance in hogs in recent weeks was brought about by inadequate receipts at a time when the requirements of local packers and eastern shippers were greater than the supply, yet prices were still much lower than in recent years, hogs selling in

Oats are weaker along with wheat and corn but most of the time the market has shown independent strength. Some appear to think oats a good grain to store at present prices.

### OATS

### RYE

Here is another grain that has acted quite independent of wheat and corn and prices advanced while they declined in other markets. Rye is being stored at some points, there being a feeling higher prices will come.

### BEANS

A few favorable reports on beans are received but they are very few. Predictions are that if we have anything like reasonable weather the trend of the market will be downward. The only reason we can figure out for that is the fact that so many farmers rush their supply to market just as soon as they are threshed, because the total production this year, unless we are mistaken, will not warrant low prices. New York reports serious damage and California will

### M. B. F. MARKETS BY RADIO

TUNE in the M. B. F. market reports and farm news broadcast on Monday, Wednesday, Thursday and Friday nights at 6:40, eastern standard time from WGHP of Detroit. It is broadcast at 6:15 on Tuesday evening. The wave length is 319.3 meters.

Chicago for \$9.50 to \$12.10, comparing with \$9.50 to \$13.60 a year ago. Market supplies this year make a small show when compared with averaged years. The combined receipts for the year to late date in seven western packing points were 16,445,000 hogs, comparing with 22,212,000 for the same time in 1924.

### WHEAT

Bearish crop reports from Canada took considerable of the strength out of wheat and prices declined during the week ending Saturday, September 17th. Northwestern wheat is moving freely and stocks are accumulating.

### CORN

The nice rains and sunshiny days we have had during the last couple of weeks have certainly affected the corn market. Prices declined six cents during two hot days. Whether we will have enough of this weather to save much of the crop remains to be seen.

not have near as many beans as last year.

### POTATOES

Reports indicate Michigan's potato crop will be around 24,217,000 bushels this year, or about 5,000,000 bushels less than a year ago. Early potatoes were of poor quality in most sections but rain may help the late crop if we get enough and it doesn't come too late. Recent rains have benefited the crop.

### HAY

Dry weather causing most pastures to dry up has given the hay market a steady tone with an active demand for best grades. Other grades are hard to move.

### WOOL

The Boston wool market has been fairly active but spotty, principally on the finer grades of territory wools and medium fleeces. The trade appears to be fairly optimistic regarding the outlook for most grades.

### LIVESTOCK MARKETS

MICHIGAN CENTRAL STOCKYARDS, DETROIT, Sept. 20.—Market steady. Good to choice yearlings, dry fed, \$10@12.50; best heavy steers, dry fed, \$9.75@12; best heavy weight butcher steers, \$8@9.75; mixed steers and heifers, \$8@9; handy light butchers, \$7@8; light butchers, \$6@7; best cows, \$6.75@7.25; butcher cows, \$5.25@6.25; common cows, \$4.50@5; canners, \$3.50@4.50; choice light bulls, \$6@7.75; heavy bulls, \$6@6.75; stock bulls, \$5@6.25; feeders, \$6.25@8; stockers, \$6.50@7.75; milkers and springers, \$65@120.

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

Sheep and Lambs—Market steady to 25c higher. Best lambs, \$14@14.25; fair lambs, \$11@12; light to common lambs, \$6.50@9.75; buck lambs, \$6.75@13; fair to good sheep, \$5.50@6.50; culls and common \$2@3.

Hogs—Market, prospects. Mixed hogs, \$12.

EAST BUFFALO, N. Y.—Hogs—Light and medium weights, 10@15c lower; pigs, others steady; bulk 180 to 220 pounds, \$12.25@12.35; few 350 pounds, \$11.25; pigs, \$11@11.25; packing sows, \$9.25@10. Cattle—Market steady. Calves—Market steady; top vealers, \$17.50; cull and common, \$11.50@13. Sheep—Steady to 15c higher; good to choice fat lambs, \$10@11; fat ewes, \$5@6.50.

CHICAGO—There was the usual limited Saturday trade in livestock, with hogs the only feature. Hogs were lower from the start, with some bids off as much as 40 cents. Quality considered, some sales of packing hogs were off a dime and some plainer butchers were down 15@25c. Best sales placed at \$11.50. Butcher hogs still were quotable at \$11.90. The run was only 2,000 with 8,000 hold-overs, but at that 6,000 remain unsold at the close. Cattle trade was steady on a light supply of 300. For the week best native steers went to \$15.75, the highest in two years. Plainer kinds closed steady to 25c lower. Wyoming steers reached \$12.25 with the western run so far only 39,000 compared with 65,000 a year ago. Native cows closed steady and calves were up more than \$1, with small lots at \$17. Sheep trade was of little account as only 2,000 arrived. The market nominally was steady. For the week fat lambs closed 25@50c higher, natives showing most gain. Best westerns placed at \$14 at the close, with feeders also at this price, closing strong. Aged sheep were strong to 25c higher.

### DETROIT LIVE POULTRY

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

Hens, colored, 5 lbs., 26c; 4 to 4½ lbs. up, 25c; leghorn, 16c; cocks, 16c. Broilers, 3½ lbs. up, barred rocks, 27c; reds and white rock, 26c; all colors, 2 to 3 lbs., 2c cheaper; leghorns, 2 lbs. up, 23c; under 2 lbs., 22@23c. Ducks, White, 5 lbs. up, 22c; smaller or dark, 18@20c; geese, 18c.

### DETROIT SEEDS

Clover seed, cash, imported, \$14.50; October, \$10.10; December, \$14.50; domestic December, \$16.20; March, \$16.25. Alsike, cash, \$14.80; December, \$14.90; January, \$15.05. Timothy—Cash, \$1.60; December, \$1.65; March, \$1.85.

### THE BUSINESS FARMER'S MARKET SUMMARY

and Comparison with Markets Two Weeks Ago and One Year Ago

	Detroit Sept. 20	Chicago Sept. 19	Detroit Sept. 6	Detroit 1 yr. ago
<b>WHEAT—</b>				
No. 2 Red	\$1.30		\$1.34	\$1.34
No. 2 White	1.29		1.33	1.35
No. 2 Mixed	1.28		1.32	1.32
<b>CORN—</b>				
No. 2 Yellow	1.03	.92 ¾ @ .93 ¾	1.11	.84
No. 3 Yellow	1.01		1.09	.83
<b>OATS (New)</b>				
No. 2 White	.52	.48 @ .50 ½	.49	.45
No. 3 White	.50	.46 ¾ @ .47	.47	.43
<b>RYE—</b>				
Cash No. 2	1.04	.97 ¾	1.02	.95
<b>BEANS—</b>				
C. H. P. Cwt.	5.40	1.40 @ 2.50	5.90	4.15 @ 4.20
<b>POTATOES—</b>				
Per Cwt.	2.50 @ 2.65		2.76 @ 2.83	2.50 @ 3.00
<b>HAY—</b>				
No. 1 Tim.	15 @ 16	17 @ 18	15 @ 16	21 @ 22
No. 2 Tim.	13 @ 14	14 @ 16	13 @ 14	18 @ 19
No. 1 Clover	14 @ 15	17 @ 18	14 @ 15	18 @ 19
Light Mixed	14 @ 15	17 @ 18	14 @ 15	20 @ 21

Tuesday, September 20.—Wheat easy. Corn gains strength. Oats and rye hold steady. Bean market inactive. Potatoes slow to weak. Poultry in fair demand.



### Week of September 25

WHILE there may be some cloudiness and unsettled weather conditions at the very beginning of this week in Michigan, we are of the opinion that the first half will be mostly fair.

Temperatures will begin rising early in the week and will reach a maximum close to the middle of the week. This condition will be the result of a disturbance that will bring wind and light showers over many counties during middle part of week.

Stormy and threatening conditions will last over most of Thursday but following this and continuing for the balance of the week the weather will be generally fair.

### Week of October 2

The general trend of the temperature in Michigan for the week of October 2nd will be downward.

The early days of the week will be warm with probable thunder storms and wind with some local heavy rains.

Conditions will remain in



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# COUNTY CROP REPORTS

16. **Missaukee.**—Drought seems to have ended. We have had some fine rains lately that have gone through on open ground, some dry dirt still found under heavy sod. New seedlings and pastures greening up nicely, few spotted. Very warm last few days. Corn still backward; potatoes and beans light crop. Threshing nearly finished, some wheat shrunk, also some smut. Farmers busy putting in fall grain.—J. H. Sept. 14.

The regulations provide that all corn stubble over two inches in height must be pulverized, plowed under, burned or disposed of otherwise before May 1 of the succeeding year in which the crop was grown.

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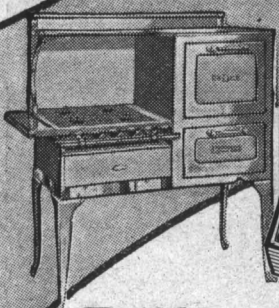
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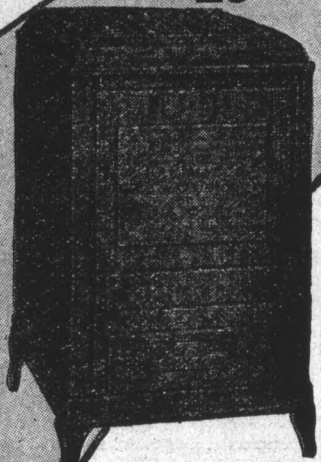
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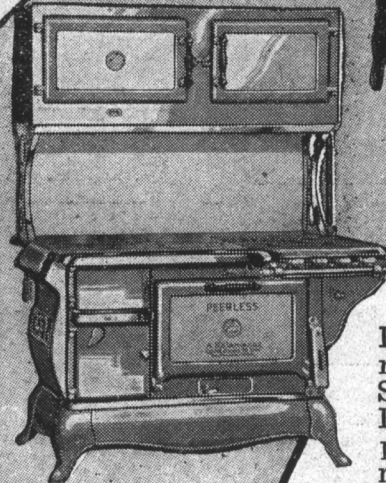
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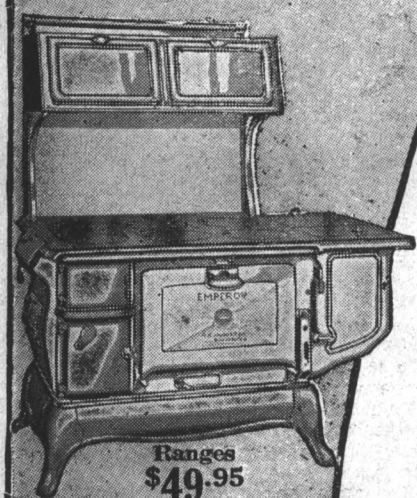
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