



# National and Local Meat Business

The meat business of the country is conducted by various agencies—

By small slaughter-houses in villages—  
By local Abattoirs or small Packing Houses in towns—  
both

Using only a part of the local live stock supply

and  
Furnishing only a part of the local demand for meat.

These slaughtering and distributing agencies fill a well defined but necessarily restricted place in the distribution of the products of live stock.

But only packers like Swift & Company, organized on a national scale, are able to undertake the service that is more vitally important, involving

An Obligation to the Producer To purchase for spot cash all the live stock the producer may send to market for slaughter.

An Obligation to the Consumer To make available to every consumer, everywhere, in season and out, the full supply and variety of meat products, of the highest standard that the market affords.

Year Book of interesting and instructive facts sent on request.  
Address Swift & Company, Union Stock Yards, Chicago, Illinois

Swift & Company, U. S. A.

**New Compact Fire Escape.**  
One of the boys aboard our navy's fleet has invented a fire escape which is similar to the rope ladders used aboard ships. Its principal object was to provide a collapsible fire escape which could be compacted and conveniently arranged at the window of a dwelling. It consists of a container hinged to the sill in such a manner that by opening the window and folding the container on its hinges the metal ladder may be unfolded and dropped. When this operation is gone through, a means is automatically provided whereby the ladder is held at a distance from the walls of the building. The advantage of such protection is obvious.

**Match Famine in England.**  
Great Britain is suffering from an acute match famine. Cigarettes, cigars, candy, beer and whisky can be bought almost anywhere, but a box of matches is as hard to find as a raiding airplane on a dark night. Why, no one seems to know.

**Personal.**  
He—Some women are awfully hard to please.  
She—And some men are too awfully soft to please me.

Atlanta is to have a negro Y. M. C. A. building to cost \$15,000.

**163 Acre Western Farm**  
Get under the Shower of Gold  
coming to farmers from the rich wheat fields of Western Canada. Where you can buy good farmland at \$16 to \$30 per acre and raise from 20 to 45 bushels of wheat to the acre it's easy to make money. Canada offers in her provinces of Manitoba, Saskatchewan and Alberta

**160 Acre Homesteads Free to Settlers**  
and other land at very low prices. Thousands of farmers from the U. S. or their sons are yearly taking advantage of this great opportunity. Wonderful yields also of Oats, Barley and Flax. Excellent farming land, fully as profitable an industry as grain raising. Good schools, markets convenient, climate excellent. Write for literature and particulars to reduced railway rates to Sup't. Immigration, Ottawa, Canada, or

H. V. McWHINER, 176 Jefferson Ave., Detroit, Mich. Canadian Government Agent

**Sapio doing its work Scouring for U.S. Marine Corps recruits.**  
Join Now!  
APPLY AT ANY POST OFFICE for SERVICE UNDER THIS EMBLEM

# FARMERS BY STATE

Can Secure Timely Assistance From Specialists if They But Know How to Go About It.

M. A. C. IS HEADQUARTERS

Making Up of Rations, Testing of Soil and Control of Plant Diseases Few of Things College Does.

By EARL R. TRINGMAR, Michigan Agricultural College.

East Lansing, Mich.—Harvey Johnson was lord and master over a farm in Kent county—a well groomed place with 300 acres of rolling acres of thoroughly fitted land. Every building and animal bespoke able management.

But even so, Johnson was not wholly content. His wheat, he observed, was yielding only 15 to 20 bushels to the acre, while one of his progressive neighbors with an almost identical type of soil was securing a yield of 25 bushels or better. For some reason Johnson found he simply couldn't bring up his yields, even with liberal manuring and the planting of superior strains of grain.

"Must be something else lacking in the soil," he finally concluded. Johnson had had a long habit, when confronted with problems somewhat beyond the reach of his own extensive farm knowledge, of taking up matters with the college. So he gathered up a number of typical examples of his soil, placed them in bottles and forwarded them to the soils department of M. A. C. for examination.

"About all your land needs," the department wrote back in a few days, "is a good dose of lime." Johnson acted on the suggestion—that was two years ago. Last year the college received this message from him:

"My yields have jumped up five bushels to the acre."  
Now it cannot be said that Johnson is by any means an average farmer. If he was, he would never have thought of submitting a soil sample to M. A. C. for in the course of much traveling about the state I have learned of no more agriculturist, and this includes many a prosperous farmer, are but little familiar with the opportunities which exist for the outlying farmer. The soil department of M. A. C. for instance from the college and the state.

In some quarters the idea still persists that about all the college does is produce graduate-subscribers. It is threefold, for besides educating students it maintains as well an experiment station for the working out of agricultural problems and extension service for aiding the farmer directly. It is with this service that dwellers in the country will find it most convenient to become acquainted.

How can the extension service be used? A query of this kind might be answered in a typically Yankee fashion with a shrug of the shoulders. "Go to a physician or a lawyer be sure."

What Exporters Should Know.

A needy faculty had sent to Aleppo, Turkey, needles that were tied up with green wool. The Mohammedan merchant who had ordered them returned the package, for the reason that the use of the green, the color consecrated to the prophet, for such a purpose was a derision of religion. "Another consignment of the same factory to China wrapped up in white paper was returned because the Chinese recipient would not accept goods packed in "paper of mourning." White is the mourning color of the Chinese.

Using Them All.

Thomas Calk (boss of the establishment)—"What do you mean, your fellow, by asking off again? By actual figures your grandmother has done seven times since the baseball season began. When will this stop?"

Clarence Kittin—"Please, sir, when she's used up her other two lives."

Been Prying on Marglin.

"You have no reason to be ashamed of your boy if you acquired it honestly," remarks Life. "But one may have acquired it honestly enough, but so blamed foolishly as to be mightily ashamed of it.—Boston Transcript.

Dvention.

"He seems very devoted to her," "Yes. He even carries her bathing bag."

Soil for Sweet Clover.

High Efficiency of Separator.

The Soil of Paradise.

Engineers Use the Chophone.

United States and Science Activities of Empire World Contained on This Country and Interest Expected to Continue.

"Very few people realize that the scientific activities of the world are centered in the United States, and that they will doubtless continue to do so if material means be given to do so," said Prof. Charles H. Moulton, regent of the Marquette university school of medicine, in a recent interview in the Marquette Tribune.

"South America, for instance is now looking to us for scientific leadership," China and Japan are now turning to us, and even the United States is turning to us for scientific leadership," Moulton said.

"The Wistar Institute of anatomy, in Philadelphia, is one of the most effective factors in turning the attention of the scientific world to the United States. This institute has an endowment which makes it possible to give a large service to mankind. Just now it is printing complete extracts from the medical journals published and senting them to China and Japan. Duplicates of the journals are also being sent to the United States."

"A great deal of research work is being done by this school in the direction of discovering dyes. Certain chemical dyes, for example, are used by Gruebler of Germany, are required in technical work. Wistar is now producing dyes of the equal of Gruebler's. It is the intention of the school to do much of this research work has been done by a young Philadelphia who devoted his chemistry for his own pleasure and interest in the laboratory. Wistar hearing of some remarkable discoveries made by him immediately called him to the Wistar Institute and offered him a stipend for this important work."

Growing Machine Building Shops.

FARMERS ARE WORKING HARDER

RURAL MINISTERS WILL MEET

The Gardener is a Patriot.

"Conception of Wealth."

Cuticura Complexions.

To Leave Foreign Children.

Uge Glass to Replace Tin.

Soil for Sweet Clover.

High Efficiency of Separator.

The Soil of Paradise.

Engineers Use the Chophone.

# GOOD-BYE BACKACHE, KIDNEY AND BLADDER TROUBLES

For centuries all over the world GOLD MEDAL Haas' Oil has been used for the relief of backache, kidney and bladder troubles. It does the work of a sponge, drawing out the poisons which are the cause of the trouble. They will quickly relieve the most stubborn cases of backache, kidney and bladder troubles. It is an effective remedy for all diseases of the bladder, kidney, liver, stomach and allied organs. You must try it before you are satisfied. It is the only pure, original GOLD MEDAL Haas' Oil Capsules. None other genuine—Adv.

Do not get a minute if your back aches or you are sore across the loins or have difficulty when urinating. Go to your druggist at once and get a box of imported GOLD MEDAL Haas' Oil Capsules. None other genuine—Adv.

The Old Man Can't Go Duty.

J. H. Snowdon, a retired farmer and capitalist, told a Seattle reporter that he is on his way back from southern California to his old home in Calgary, Can., to go back to the fields. He supposed that he had earned the money for the remainder of his days, but now he is being mistaken. "I am now fifty-five years of age," he said, "and have been working for my manual labor for eight years, but I am going to hire out this summer and fall to help my former neighbors to harvest their crops. I figure that as long as I am too old for military duty, I can help win the war by helping produce food for the American army and navy and as Canadians will see their part in the war is over. The call to the colors is by no means confined to men and youths under thirty-two—Nebraska State Journal.

To Inform women of the neighborhood of the hour for worship is one of the objects of a vigilance committee in London. A grand big clock in London, a kind of clock is few.

China's Water Clock.

The Imperial canal of China has a length of 2,100 miles, which exceeds that of any other in the world.

The Call to Worship.

No Wonder They Die.

That's Why.

The first self-loading gun carriage was invented in France in 1700.

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# Farmers! Watch Your Stomachs In Hot Weather

We and Our Allies Are Depending Upon Your Strength To Supply Our Armies With Food.

You men who work long hours in the fields under a blazing sun—your food is your strength, and more, more than ever, your strength is badly needed. So guard your health. Be sure and watch your stomach, for in the summer this nearly all illness can be traced to stomach and bowel complaints. You, yourself, know how liable a man is to stroke if he goes in the hot sun too soon after eating a heavy midday meal, and also how liable he is to sudden attacks of stomachic misery. So cool off in the shade before going back to work. Don't take care of your stomach, friend. You know you can't work first with your stomach out of fix. "Safety first" must be your motto, so send to your druggist and get a big box of EATONIC, enough for yourself and family, yes, and the hired hand, too. It's the wonderful laxative compound for the quick relief of stomach and bowel misery. It was originated by H. L. Kramer, Ph.D., and is the most reliable remedy to make our druggists trust him to make our guarantee good; it EATONIC falls in any way, take it back; he will refund your money. If your druggist does not keep it, drop a postal and we will send it; you can buy when you get it. Address H. L. Kramer, Ph.D., EATONIC REMEDY, 1008 S. Wabash Ave., Chicago.

repeating our stomach, and that pains the liver, pulled-up, bloated, lumpy feeling after eating. EATONIC will help you all to a pain-free stomach—a sweet, cool, comfortable stomach—in fact, those who take EATONIC say it makes them forget they have stomachs. They never dream that anything could bring about such quick and wonderful results. Don't wait until the summer sickness of stomach and bowel troubles has set in and start using EATONIC today! Just one or two after meals; that's all!

Your health—your folk's health—is a matter of vital importance, not only to yourself, but also to the nation. And you know you can't be too careful of one's stomach and bowels during the hot weather.

EATONIC only costs a cent or two a day to use it—a big box, 50 cents—no more. That is the price, and, really, EATONIC is absolutely guaranteed to get all well claim—a fact, here. It's the BEST Stomach Remedy you ever used.

You know your druggist; trust him to make our guarantee good; it EATONIC falls in any way, take it back; he will refund your money. If your druggist does not keep it, drop a postal and we will send it; you can buy when you get it. Address H. L. Kramer, Ph.D., EATONIC REMEDY, 1008 S. Wabash Ave., Chicago.

Net Contents 15 Fluid Ounces  
900 DROPS  
ALCOHOL 3 PER CENT  
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INFANTS CHILDREN  
Therapy Promoting Digestion  
Containing Best Quality  
Neither Opium, Morphine nor  
Mineral, NOT NARCOTIC  
A Helpful Remedy for  
Constipation and Diarrhea,  
Feverishness and  
Loss of Sleep  
The only medicine  
of its kind in the  
market  
35 DROPS  
Best Copy of Wrapper

# Children Cry For

## Castoria

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Opium and Spooling Syrup. It is pleasant. It contains neither Opium, Morphine nor other narcotic substance. Its age is its guarantee. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind Colic and Diarrhoea; allaying Feverishness arising therefrom, and by regulating the Stomach and Bowels, aids the assimilation of Food; giving Health and natural sleep. The Children's Panacea—The Mother's Friend.

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Charles H. Watson  
In Use For Over 30 Years  
The Kind You Have Always Bought