

# OUR COMIC SECTION

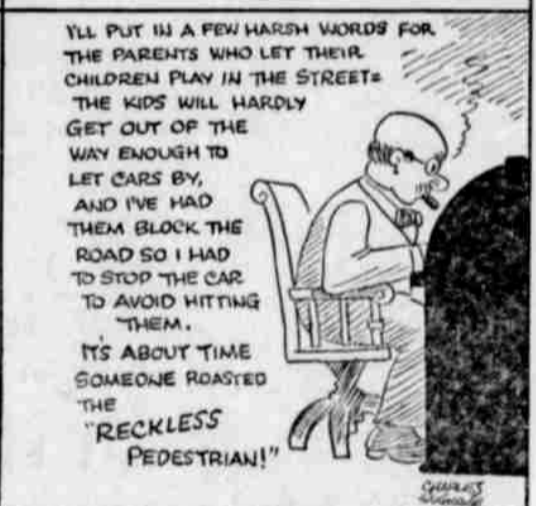
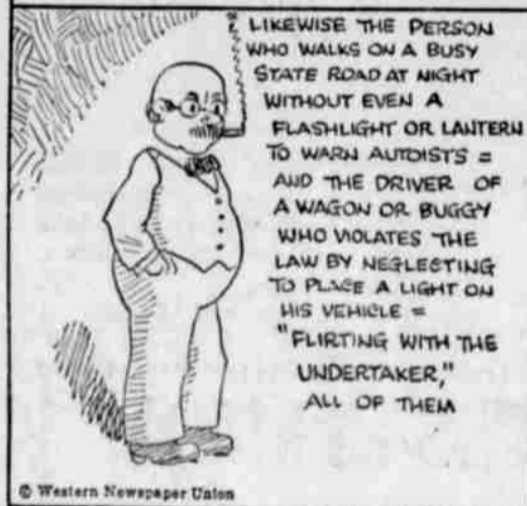
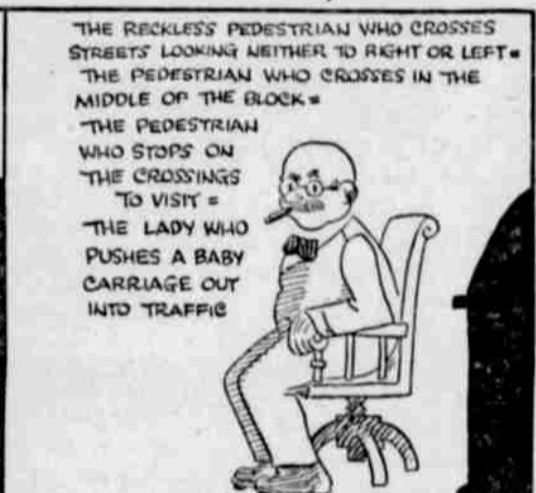
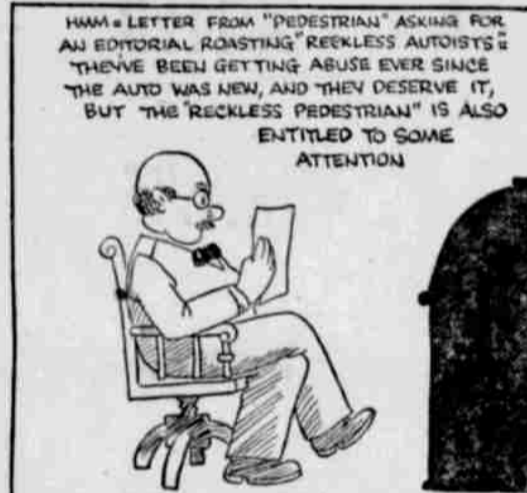
## Killing Time



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## MICKIE, THE PRINTER'S DEVIL

## Three Cheers by the Autoists



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## THE FEATHERHEADS

## Someone Slipped Up



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# POULTRY FACTS

## HEN EGGS STAND HEAVY PRESSURE

That an ordinary hen's egg will stand heavy pressure was proved in an exhibit which the poultry department at the College of Agriculture at Ithaca displayed at the New York state fair.

A 16-pound steel sledge hammer was arranged so that it came down on the egg once a minute, being raised and lowered automatically. The egg was placed on a scale which registered the pressure; extra weight was applied and the egg stood the weight of 23 pounds, or all that the scales would register. A special trial was made when still more weight was applied on the handle of the sledge, and it is estimated that the egg stood more than 50 pounds pressure before it broke.

The purpose of the demonstration was to show the pressure that an ordinary egg would stand, and to show why it was desirable to produce eggs with strong shells. Strong shelled eggs ship best, and evaporate least; this prolongs their freshness, and pleases the consumer, because a greater proportion of them reach the market in good condition.

"This is the first time such an arrangement has been used to demonstrate the strength of the shells of hen eggs," according to C. K. Powell, in charge of the exhibit. "Usually, the breaking strength has been tested by pressing the eggs between two hardwood blocks."

Breaking strength of eggs indicates, to some extent, breeding and feeding of the hens. Minerals must make up a part of the ration, and, in this connection, it is said that cod liver oil aids in the assimilation of the minerals by the birds.

## Tobacco Dust Useful to Destroy Worms in Flock

Placing 2 per cent of tobacco dust in the mash is a common remedy for removing worms from poultry. Then once each week give epsom salts to the flock at the rate of a pound per hundred birds. The salts can be given in the drinking water or in the amount of wet mash that the flock will eat quickly, allowing as even a distribution of the medicine as possible.

Some poultrymen are using the commercial worm capsules with good success, as it insures every bird receiving the proper share. Keep the droppings removed from the houses, and distribute them as far as possible from the poultry houses and range. This helps to keep down the infestation of worms.

## Laying Hens Need Good, Palatable Grain Mash

A good mash should be fed to laying hens, according to G. L. Stevenson, head of the department of poultry husbandry at South Dakota State college. The mash used at State college consists of one-fourth part of oatmeal to one part each of bran, middlings, tankage, ground oats and cornmeal when it is not too high. Ground barley is now being used in place of cornmeal. Two pounds of charcoal are also mixed with each 500 pounds of meal, and about one-half pound of salt is mixed per 100 pounds of meal. The salt makes the meal more palatable.

## Poultry Hints

Let the breeding flocks have the range when you shut up the hens for winter eggs.

Watch the water supply. Poultry should never be allowed to drink frozen water.

For hatching eggs breed from the best of the late-laying hens, rather than from the pullets.

Be on guard for the first sign of colds or roup in the poultry, and to separate the afflicted from the rest.

It is not well to force heavy egg production through feeding where birds are to be used for breeding pens.

It is a good scheme to plow or spade up the poultry runs each spring in order to get rid of worms that cause gapes in chickens.

Nature's way of resting her feathered family is to let them rear a family. Turkeys and chickens are both better for the season of rest.

Turning hens out of the warm henhouse on a chill wintry day, or with a cold wind blowing, or with snow or ice on the ground, opens the way to wheezing roup before midnight.

If you shut up the pullets they may lose their appetite. Cox them along with frequent grain feedings and a moist mash once a day.

Cement makes the best floor for a poultry house. When properly built it is economical, easy to clean, rat proof, durable, and free from dampness.

Breed only from birds producing eggs of a uniform size and as near chalk white in color as possible. Trap pullets during first winter and mark birds producing poor type eggs.

# DAIRY FACTS

## SILLO REQUIRED FOR DOZEN COWS

The silo on the dairy farm is indispensable where the owner has as many as ten or twelve cows, and the cost is small as compared with the value.

There is an increasing use of silos in North Carolina because silage furnishes during winter that feed which nearest approaches summer pasturage at its best. Silage is a succulent feed when pasture is not available. It makes possible a cheaper ration, gives a greater feed value to an acre of corn and keeps up the milk flow in winter.

"Forty per cent of the feeding value of corn is in the stalks and leaves, and these are saved when converted into silage," says H. H. Gordon, extension agricultural engineer at State college. "The average cow will consume 30 pounds of silage each day and the dairyman should have three tons of silage per cow, or enough to carry her for six months. To figure the acreage required to produce this amount, one should figure a ton of silage for each five bushels of corn. Land producing fifty bushels of corn per acre will produce ten tons of silage."

Mr. Gordon states that when feeding from the silo begins at least two inches should be removed each day to prevent spoiling. Therefore the number of cows to be fed determines the diameter of the silo. Less than 15 head of cattle will require a silo 10 feet in diameter; 15 to 25, not over 12 feet in diameter, and 25 to 40 head, not over 14 feet in diameter. It is not advisable to build a silo over 14 feet in diameter, and should the herd require more silage another silo should be constructed.

A wooden silo costs about \$2 to \$3 per ton capacity; a concrete silo, from \$5 to \$6 per ton capacity, and a hollow tile silo, from \$10 to \$12 per ton capacity. Bills of material and instructions for building silos may be obtained free of charge on application to Mr. Gordon at State college, Raleigh, N. C.

## Heavy Milkers Require Rest Between Periods

Heavy milkers need the longest rest between lactation periods and dairymen should utilize this resting time to build up physique and to lay down reserve rather than diminish the feed of the dry cow. In former times farmers were afraid of the fat cow at calving time. But the dry cow ceases to give milk because she is doing something bigger. Heavy milking takes more from the cow's body than ordinary feeding puts on. And she needs a certain amount of overweight in reserve to enable her to hold up through the next milking period. Feeding a good cow well is putting money in the bank, and it comes back with interest. Modern research contradicts distinctly and emphatically the belief that dry hay is good enough for the dry cow, and the short-sighted meanness of milking a cow as long as possible before her next calving.

## Dairy Specialist Warns Against Inferior Cattle

E. A. Gannon, dairy specialist of Purdue university, has just issued a timely warning with reference to the importation of inferior dairy cattle. The present demand for dairy cows has made business especially good, he states, in some sections for the trader who deals in inferior cows. As a general rule these cows are under-size, in poor condition and not good producers. He mentions one man who purchased four head, three of which were unprofitable producers and the fourth of which had to be sold on account of udder trouble. He recommends that any dairyman who wishes to increase his herd can find good cows from clean, healthy herds and owned by reputable men. This is good advice in any community.

## Production of Butter Increased in Minnesota

Not only has the butter production of Minnesota greatly increased during the last few years, but the dairy cows and creameries have become more efficient. In 1920 the number of dairy cows in the state was 1,350,000, and the butter output 120,000,000 pounds. In 1925 there were 1,500,000 dairy cows, or an increase of only about 15 per cent, whereas the butter production in the same year was 245,000,000 pounds, or 100 per cent larger than in 1920. The peak in number of creameries in Minnesota was reached in 1915, when there were 805. After ten years of enormous expansion in creamery butter making, however, the state now has fewer than 800 creameries.

## The Human Brain

Man's brain, which has been under observation and investigation for 25 centuries, contains 9,200,000,000 cells, according to Dr. C. Judson Herrick, president of the department of psychology of the University of Chicago.

## Proverb Corrected

The old proverb about having too many irons in the fire is an abominable old lie. Have all in, shovel, tongs and poker.—Adam Clarke.

## Drink Water If Kidneys Bother

Take a Tablespoonful of Salts If Back Pains or Bladder is Irritated

Flush your kidneys by drinking a quart of water each day, also take salts occasionally, says a noted authority, who tells us that too much rich food forms acids which almost paralyze the kidneys in their efforts to expel it from the blood. They become sluggish and weaken; then you may suffer with a dull misery in the kidney region, sharp pains in the back or sick headache, dizziness, your stomach sours, tongue is coated, and when the weather is bad you have rheumatic twinges. The urine gets cloudy, full of sediment, the channels often get sore and irritated, obliging you to seek relief two or three times during the night.

To help neutralize these irritating acids; to help cleanse the kidneys and flush off the body's urinous waste, get four ounces of Jad Salts from any pharmacy here. Take a tablespoonful in a glass of water before breakfast for a few days, and your kidneys may then act fine. This famous salts is made from the acid of grapes and lemon juice, combined with lithia, and has been used for years to help flush and stimulate sluggish kidneys; also to neutralize the acids in the system so they no longer irritate, thus often relieving bladder weakness.

Jad Salts is inexpensive; cannot injure and makes a delightful effervescent lithia-water drink.

## Beardless Era for Men

The time may come when men, if they wish, can relieve themselves of the bother of the morning shave, and when women won't need to worry about trimming their bobbed hair.

This promise, says Popular Science Monthly, is held out by H. C. Brooke, English naturalist, as the result of experiments in the regulation of hair growth. Hair, Brooke says, is purely a matter of heredity. In his experiments he produced a strain of mice whose heads became bald in 16 days. A few days later they lost the fur on their backs, and a little later all their hair.

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## Too True

The minister was putting on a new collar, and was having the usual trouble with it.

"Bless the collar!" he said, impatiently, as he tugged and tugged. "Bless the blessed collar!"

"My dear," said his wife, "what is your text for this morning's sermon?"

"F-fourteenth verse, f-fifty-fifth Psalm," he replied, in short gasps. "The w-words of his mouth were (tug) s-smoother than butter, but there was (tug) w-war in his heart."

## This One Included

"There's nothing new in the world." "You should read something besides jokes."

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