

Women Responsible For Food Crimes

By ALFRED W. M'CANN, Food Expert

NOT only should there be a doctor in the nation's cabinet charged with the protection of the health of the people and the proper education in matters relating to their well being, as urged by Dr. Wiley, but the manufacturers and distributors of food products should be LICENSED.

Woman does not want foods in the natural order and asks for a pickle which will resist the teeth. The manufacturer gives it to her by USING AN ASTRINGENT ALUM. She wants anaemic crackers and biscuits and bread, and the manufacturer BLEACHES THE CREAMY WHEAT with nitrogen peroxide and grinds out of it the VITAL ELEMENTS upon which she and her family depend for energy and strength.

IF HE WERE LICENSED AND IF IT WERE A CRIME TO DEBASE OR IMPOVERISH ANY FOODSTUFFS HE COULD NOT TRESPASS AGAINST ALL LAWS OF DECENCY BY ASSISTING HER TO CREATE AN ARTIFICIAL STANDARD INIMICAL IN A LARGE DEGREE TO THE HEALTH OF THE NATION.



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Officials of the Canadian department of agriculture put the damage to sacker wheat in the western provinces at \$2,000,000 annually.

Some one has found out that eating popcorn during the entire journey will prevent car sickness. Incidentally it will please the "newsie."

Missouri does not excel in some lines of production, but she holds the banner for the biggest mules and corn-cobs produced in the country.

If one is located in a section where broom corn does well it is a paying crop, the price per ton of good quality product being about \$240 per ton.

Anaheim, Cal., is the center of an extensive celery raising district, from which 1,000 cars of the vegetable will be shipped during the present season.

New Zealand has twenty-four sheep for each inhabitant. Farmers of the United States would be better off than they are today if, as a country, we could make as good showing.

Sand and gravel are usually viewed as sort of plebeian stuff in nature's economy and the business world, but it took \$21,037,030 in 1910 to buy what was used in building and other purposes.

The Danes are the greatest butter-makers of continental Europe, and in the United States butter-makers of this name nationally take most of the prizes for the manufacture of gilt edged butter.

A law has been recently passed by the Florida legislature prohibiting the shipment out of the state of green or unripe oranges. The law was passed primarily in the interest of the grower, but will benefit the consumer also.

During the winter months, when severe colds are frequent, it is well to have handy a bottle of turpentine, camphor and sweet oil mixed to rub on to the neck and chest when a severe cold is contracted. Often such an application made before a doctor can be summoned will head off many a severe cold and possibly pneumonia.

The pruning of the sugar orchard maple may be done any time from the middle of July up to the 1st of December, but if done in the other months of the year the trees will suffer much from loss of sap. The worst time in all the year to do the job is in the latter part of February, just before the sap starts or while it is flowing heavily.

A chap down in Florida is out after suckers with a vengeance, claiming to send to any inquirer the secret of controlling sex in farm animals in return for a money order or draft for \$2. The greatest medical experts and anatomists have been and are today absolutely in the dark in regard to the influences which determine sex, one secret nature has withheld from the prying human intelligence.

The husking records have gone glimmering again. Bert Van Houten of Fremont county, Ia., excelling all previous records about ten days ago by husking 254 bushels and 50 pounds in ten hours. In a contest some two weeks prior to this performance he was defeated in a competitive husking contest in which he husked 230 and his rival 231 bushels. The new record also surpasses by three bushels the record made by Claude Wilson of Silver City, Ia.

Among the most striking figures which have been compiled in connection with the products exported during the past ten years are those having to do with live stock and meat. Statistics show that in 1901 there were exported from the United States 799,000 head of farm animals and 1,389,000,000 pounds of beef and pork. In 1910 the export of the meat animals had fallen to 188,000 head, while the exports of beef and pork were but 370,000,000 pounds.

The gospel of a better agriculture has been thoroughly preached in Ohio during the past year. Thirteen special trains, equipped with demonstration paraphernalia and lecturers, have made trips over the leading railroads. The campaign resulted in forty-eight days of instruction being given in practically every county in the state, while 3,300 miles were traveled by the special trains. Instruction of the most practical kind was given in soil fertility, selection of seed corn, wheat and sugar beet culture, poultry keeping, hog raising and horticulture. It is estimated that the lectures were heard by 40,000 people.

BOOTS AND DOCTOR BILLS.

There never was a man with so strong a constitution but continued disregard of the laws of health would undermine and destroy it. We have in mind just such a case which came to our notice the other day. The young fellow in question for years took no pains to guard himself from exposure, thinking nothing of wading into the river in the spring of the year when repairing fences or of exposing himself in sleet or rain storms without putting on dry clothing afterward. He thought he could keep this up, and it seemed as if he could. But today he has symptoms of tuberculosis and is making regular visits to a doctor. It is to be hoped the disease can be headed off, but if not it can only be viewed as the direct result of carelessness. The outdoor life on the farm is most favorable to physical health, but perhaps in no other occupation is there greater exposure when one is overheated, and great care should therefore be exercised. Water tight footwear and rubber coats cost quite a bit, but they are a good deal cheaper than doctor bills.

AN IMPROVEMENT ON SERUM TREATMENT.

A Missouri farmer, H. R. Rust, who lives near Hardin, has discovered what he contends is an important fact in connection with the serum treatment of hogs for cholera. In addition to the use of the serum, which is being furnished at cost by a number of state experiment stations, he states that at the same time the serum is injected an injection should also be made of blood from a hog affected with the disease at the time it was drawn. He contends that if the serum is used alone it renders a hog immune but for a limited time, while if an injection of blood is also made the hog contracts the cholera at once and the serum injected at the same time counteracts it, with the result that the animal is rendered cholera proof for the rest of its life. Mr. Rust has a farm of 1,300 acres and within the past year claims to have given 10,000 hogs this double or simultaneous treatment and that his losses from the disease have not been more than 3 per cent.

CARE OF THE BROOD SOW.

Most of the trouble that sows have at farrowing time is due to their not receiving the right kind of ration during the weeks preceding the birth of their pigs. The difficulty does not seem to be due to any intention on the part of the owner to scrimp the ration, but rather to feeding a ration that is not well balanced. Corn is a tiptop ration to give to a steer or hog that is being fattened for market, but it should form a very small part of the ration for the brood sow. What she needs rather are feeds that will give her bone and muscle forming elements. These are most readily secured in skim milk, bran, oats, gluten meal, barley, clover and alfalfa. Besides these feeds, which will form the basis of the ration, the sows should be given as much cob charcoal, wood ashes and fresh water as they will consume. The above ration, coupled with comfortable quarters, should insure good health for the sows and give thrifty and vigorous little pigs at farrowing time.

OUR OWN POTASH.

Some capitalists over in Germany, aided and comforted by the imperial government, sought to monopolize and set their own price on phosphate shipped to the United States. With this situation as an incentive the department of agriculture has been making some investigation, and, while the preliminary work is not yet finished, enough facts have been gathered to make clear that we have vast deposits of phosphate in our own country, more than enough to supply our needs for generations to come. Florida, Kentucky, Tennessee and Idaho are states in which deposits are located. In this case, as in many another, necessity is the mother of invention or discovery.

A CONDITION—NOT A THEORY.

Tillers of the soil and especially those interested in the production of wheat would do well to realize the meaning of the figures showing exports of wheat for the past few years. Figures compiled show that ten years ago the exports of wheat from the United States were sufficient to feed 36,000,000 people, while last year the amount of wheat exported was barely enough to feed 11,000,000 people. At this rate the balance of trade in wheat will be against us in a half dozen years. Two things are responsible for this decrease in exports—an increase in our population, but, far more than this, a rapid decrease in the productive capacity of wheat producing lands.

THE KING ROAD DRAG.

D. W. King, inventor of the road drag that usually bears his name, condensed in a recent address what he considers the most important points to keep in mind when operating the drag. He states that a two horse drag is better than one requiring four horses, that a light drag is better than a heavy one, that the road should be dragged when wet, but not sticky; that weeds should not be dragged from the side to the middle of the road, that mudholes should be filled with mud, that there is no need of digging trenches at the side of the road and that if the road drag is properly handled the road can be given the proper grade without the use of the machine grader.

D. W. King

O YOU CITY HUNTER.

The city dude now takes his dogs And hundred dollar gun And goes into the country To have a lot of fun. He could not hit a barn door If he should shoot all day. His dog was raised on chocolate And don't know how to bay. He surely looks courageous With his gun and fine suit, But if a cow just mooed at him He'd up a tree quick scoot. He'll sit before the cook stove And drink hard cider down, While Farmer Brown is shootin' game For him to take to town. Old Brown will skin some chickens— They're pleasant, don't you know— He'll shoot some tame brown rabbits. You bet old Brown's not slow! Then he will take those deer horns That hang there twenty year. He'll brush the cotwabs off of them And on them fresh blood smear. The dude will give us all a wad And say to all, "Goodbye!" Then quick to a photographer The mighty hunter fly. Next day he'll get a half page puff, An illustrated lie. He'll brush the editor skinned hen To make a pleasant lie. C. M. BARNITZ

FOR A BALANCED RATION.

Rations are of three kinds—narrow, wide and balanced. When narrow it contains too much protein, when wide it has an excess of carbohydrates, which include fats, and when balanced protein and carbohydrates stand in the ratio one of protein to 4.0 carbohydrates.

For the convenience of friends who desire to balance the ration so that hens get just what they need we furnish this content table:

	Protein	Total Carbohydrates	Nutritive Ratio
Corn	7.9	78.4	1:9.7
Wheat	10.2	73	1:7.2
Oats	9.1	65.8	1:7.2
Barley	8.7	62.2	1:7.1
Buckwheat	7.7	53.1	1:6.9
Kaffir corn	7.8	63.2	1:8.1
Corn bran	7.4	70.1	1:9.4
Wheat bran	12.2	45.3	1:3.7
Wheat midds	12.8	60.7	1:4.7
Buckwheat midds	2.2	45.9	1:2.1
Beef scrap	66.3	31.1	1:2.1
Dried blood	82.3	4.4	1:18.7
Blood meal	22	23	1:1.0
Dried fish	44	23.2	1:1.9
Green cut hay	15	42	1:2.8
Buttermilk	8.9	6.5	1:1.4
Skim milk	8.9	5.9	1:1.5
Clover (dried)	4.5	69.6	1:15.5
Alfalfa (dried)	11	42.3	1:3.8
Cabbage	1.8	9.1	1:5.1
Mangel	1.1	10.4	1:9.4
Turnips	1.1	7.6	1:7.7
Potatoes	0.9	16.5	1:18.3

FEATHERS AND EGGSHELLS.

We read that the fresh egg market in San Francisco was recently cornered for the Crocker kennels, where the eggs were fed to the dogs, valued at \$100,000. Well, of all things! Think of throwing a No. 1 eggs to pups!

An incubator factory at Homer City, Pa., burned down Aug. 10, with a loss of \$150,000. They at once dispatched for new machinery, erected a temporary factory and notified their agents that they would have plenty of goods to ship in six weeks. How's that for snap?

The cars of the Trenton Street Railway company were continually being held up by a flock of geese, led by a cross old gander, who walloped everybody that tried to stop the procession. A fine of \$40 (\$2 per goose) was imposed on their owner for allowing them to parade.

Of Illinois' 237,165 farms in the last census 237,067 reported chickens to the number of 20,563,850. She also has 180,411 turkeys, 225,791 geese, 201,030 ducks, 84,057 guineas, 144,286 pigeons and 410 peafowls. The value of poultry in ten years has increased over 82 per cent.

We don't know whether you have ever tried to gum it on a tough beef-steak, but if you did you can appreciate the time Biddy has to grind grain without grit. Grit and oyster shell are especially necessary for grinding, and mineral ingredients in winter, when the hen can't pick up any on the land.

The New York state agricultural department is advertising 1,100 farms, comprising 148,190 acres, for sale or rent. During 1910 the state department received inquiries for land from 1,400 persons and sold land to the value of \$6,200,000 to nonresidents. Much of this will be used for up to date poultry culture.

The law that regulates sex is a matter of profound and profuse consideration with certain poultry writers who seem to have no practical ideas to give readers who want practical rules to apply to work. If the heads of certain poultry editors were tapped enough hot air would be released to change midwinter to sultry summer.

An old clock had the laugh on Mrs. Shumaker of Rose Valley, Pa. The hen stole her nest and was contentedly hatching in an old sleigh, under which some busy hornets had a nest. Millady proceeded to yank Mrs. Hen off the nest to break her of sitting when a dozen hornets flew to her defense, and the lady was peppered a dozen times and some more. "Stung!"

Farms in the United States are now valued at \$28,383,821,000, an increase of 118 per cent, and the only crop raised on these 6,340,120 farms that exceeds the poultry product is corn, and, judging by the advance in poultry culture, corn is soon to be outdistanced by the American hen. May her tribe increase, especially among those farmers who in the face of her billion dollar product are still blind to her importance.

C. M. Barnitz

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