

# Tips For the Farmer

BY UNCLE JOHN.

### Yield of Cow.

A good grade Jersey cow should yield about an average of 20 pounds of 5 per cent. milk a day for 10 months, says a practical dairyman. If she does this, and receives the proper food and attention she will return the owner a fairly good profit. The per cent. of butterfat in milk is determined by the separation of the fat from the milk by a method known as the Babcock test.

Milk contains 87.17 per cent. water, 3.60 per cent. fat, 3.02 per cent. casein, .53 per cent. albumin, 1.88 per cent. sugar and .71 per cent. ash. This is the average composition determined by a large number of analyses. The fat content is the most valuable part of milk and consequently milk and cream are usually sold according to the amount of butterfat contained. The difference between butterfat and butter is that the manufacturer of butter had added to the fat a certain per cent. of salt, and moisture that constitutes what is known as the overrun which is usually estimated at one-sixth.

### Shelter for Hogs.

Warm nights seldom occur in November. The stockman should bear this in mind and provide adequate shelter for his young stock, especially swine. Hogs have no coats of fur to keep out the cold, so need some additional attention as cold weather approaches.

Most pigs have been sleeping on the ground without bedding. This was all right during the summer, but now, in order to keep them comfortable at night they should have access to a shelter of some kind. If they are not allowed the run of a straw stack or straw shed or a well bedded portion of a hog house, enough straw should be hauled into the lot to bed all hogs thoroughly. Such a bed would be greatly appreciated by the pigs. They will in turn repay the owner manifold for his time and trouble by additional gains.—W. F. Hagermann.

### Soil Needs.

How to tell the needs of the soil is a hard question, says "Farm and Fireside," but by observation of the growing crop something may be told. Lack of nitrogen tends to stunt the leaf or grass, and excess of it to cause profuse leaching. Lack of potash causes deficiency in the stem organs. Plenty of potash in the case of hay, for instance, promotes the growth of an increased amount of fiber. Phosphorus is needed for the seeds. Of course, these elements are not distributed within strict limits, but these are the general lines of distribution. Where the crop or tree is short in any respect, or in any way excessive, it is well for the grower to bring the soil into the case closely. An experienced plot will furnish real knowledge.

### Pneumonia in Cattle.

The essence of the treatment is to take it early, and give rousing stimulants that will carry on the heart's action and prevent stagnation. Antiseptical remedies are advised because they are more direct, and do not leave the disposition to run down, which simple alcohol has. Carbonate of ammonia in doses of half to three-quarters of an ounce, dissolved in a pint or more of water, is cheap and than the aromatic spirit, and you can add aromatics such as ginger, and cardamoms, and sweet pepper. A counter-irritant to the sides of the chest should be tried at the earliest moment, and may consist of two drams of turpentine, half an ounce of oil of clover, half an ounce of camphor and two ounces of olive oil. Double this quantity is needed for doing both sides.

### Pigs in Argentina.

Good pure-bred pigs are selling well in Argentina. A two-year-old middle-white sow sold by auction recently realized \$200. She was by Hollywell-King Edward VII. Seven little pigs just weaned averaged \$50.50. Forty-eight Berkshire (six boars and twenty-two sows) sold on the previous day averaged \$72.50. The highest price was \$114 for a boar. These pigs were all just twelve months old, and Argentine bred. Their sire was Munden Rose for 14329, and the dam descended from Whitley Vivacity and Danesfield Mermaid. If ever the Argentine ports are again opened to British stock there will undoubtedly be a good demand for pigs, but only for the best.

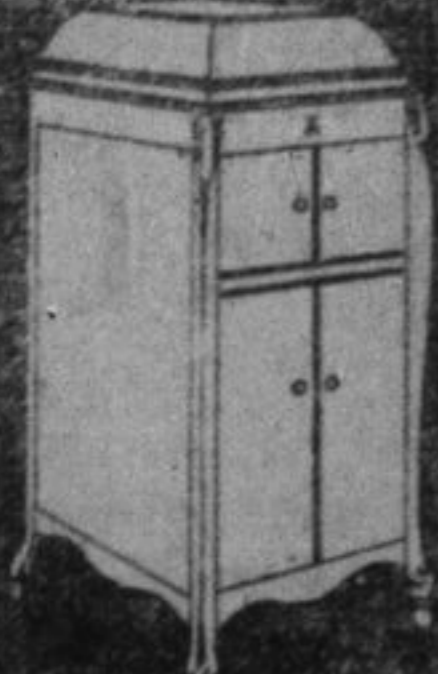
### When Hens Lay Eggs.

The question as to what time in the day a hen lays has puzzled poultry fanciers for unnumbered decades, but now, it seems, it has been satisfactorily solved by a woman. She is Mrs. Sarah Erickson of Edinboro, Pa., having kept chickens for thirty-seven years, she believes she qualifies as an expert in this line of effort.

"I have worked out the problem," she declares. "By using marked leg bands, trap-nests, and alarm clocks attached to the nests I have determined that a hen lays an egg at the same hour, minute, and second that she was born—or, rather, hatched. For instance, if the hen hatched to be able to peck its way through its shell at 7:13 a. m., she will lay an egg at precisely 7:43 a. m. And she will do this without variation every time she is inclined to lay. I have kept close systematic watch on my hens for five years, and I have never known the rule to fail."

### Live Stock Notes.

Don't water a horse soon after feeding him grain.  
Don't feed a large quantity of hay to a horse that is afflicted with hooves.  
Don't change the grain ration abruptly.  
Don't keep idle horses on full feed of grain.  
Don't turn horses to a straw stack and expect them to get a living, keep in condition and with certainty escape impaction of the bowels.



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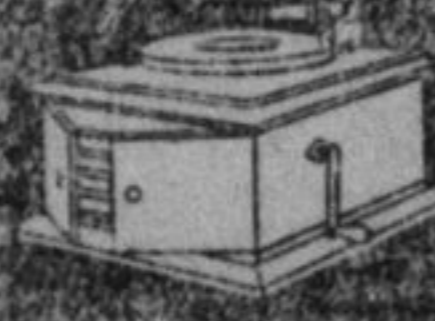
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Don't fail to have your horses' teeth examined once a year.  
Don't drive over-heated horses through a stream of cold water, and by no means allow them to drink while in such condition.  
Don't feed wheat or barley to horses when oats and corn are available.  
Don't allow your mares or cows to deliver their young in a dirty barnyard.  
Don't feed your horses when they are very tired, especially grain.  
Don't wait until your mare is almost dead at time of foaling, before sending a veterinarian.  
Don't administer medicine to the horse, or any other animal, through the nose; nature never intended it that way.  
Don't administer any drug to an animal until you are familiar with its action and the exact condition of your patient.  
Don't administer medicine on the "gun shot" plan.  
Don't be continually dosing your horse, keep him well by proper care.  
Don't clip your horse and leave him unprotected while not in motion.  
Don't leave the shoes on a horse longer than five or six weeks without resetting.  
Don't allow the blacksmith to rasp the hoof wall and otherwise mutilate the foot in shoeing.  
Don't shoe with calks unless absolutely necessary.  
Don't allow the horse to stand in a draught.  
Don't wash the horse's legs; curry them when dry.  
Don't wait until the horse's shod feet are sore before properly fitting the collar.  
Don't put chains behind the horses to keep them from backing out of the stall.  
Don't allow the horse to drink too much water at one time.  
Don't feed irregularly.  
Don't water horses at public water-troughs.  
Don't try to doctor a glandered horse.  
Don't fence your farm with barbed wire if you can afford a better way.

Don't wait until the cow or bull has become ugly before skinning; do it while they are young.  
Don't feed the cow heavy just before calving time.  
Don't leave poisoned meat for the cats in the day time; Haver may get it.  
Don't stand the horse on an inclined plank floor.  
Don't wait until your animals are beyond help before calling a veterinarian.

### Produce and Prices.

Kingston, Nov. 30.—Market clerk reports the following:  
Potatoes, 20c. pk.; cabbage, 50c. to 75c. doz.; celery, 5c. to 10c.; lettuce, 5c. bunch; onions, 50c. pk.; carrots, 20c. pk.; new beets, 20c. pk.; chickens, 12c. to 15c. lb.; fowl, 10c. lb.; potatoes, 21c. to 21.25 a bag; California celery, 10c. to 15c.  
J. A. McVetane, Brock street, reports grain, flour and feed selling as follows:  
Oats, 50c.; local wheat, \$1.10 bush; local wheat, 55c.; peas, \$1 to \$1.10; yellow feed, corn, 42c.; brewers' flour, \$2.00 to \$3.10; farmers' flour, \$2.55 to \$3.10; Hungarian patent, \$3.10; oatmeal and rolled oats, \$3.50 per barrel; cornmeal, \$2 to \$2.25; bran, \$24 per ton; shoggs, \$28 per ton; baled straw, \$11; loams, \$8; hay, loams, \$17 to \$18; pressed hay, \$15 to \$16.  
Meat—Beef, local, carcase, 5c. to 6c.; prime western, 10c. to 11c.; carcase cuts, 10c. to 20c.; mutton, 10c. to 15c.; lamb, 12c. to 18c. lb.; live hogs, \$8.25; dressed hogs, 12c.; veal, 9c. 12c.  
Dairy—Butter, creamery, 25c.; prints, 7c. to 35c. lb.; eggs, 35c. to 40c. a dozen.  
John McKay, Brock street, reports as follows: Hides, No. 1, trimmed, at 11c. a lb.; No. 2 and 3, 10c. a lb.; sheep skins, fresh, 75c.; deacons, \$1; veal skins, 15c. a lb.; tallow rendering, 65c. per lb.; wool washed, 21c. per lb.; wool, unwashed, 14c. per lb.; ginsing, \$5 to \$6.50 per lb.; horse hides, No. 1, \$3.

The Dominion Fish company reports the following prices: Whitefish, 15c. lb.; pike, 10c. lb.; blueback salmon, 13c. lb.; herring, 60c.; Yarrow, 40c. doz.; perch, 10c. lb.; salt codfish, 12c. lb.; halibut, 15c. lb.; fresh haddock, 12c. lb.; stead, cod, 12c. lb.; salmon lb.; fresh mackerel, 15c. lb.; oysters, 5c. to 6c. per quart; shell oysters, 12c.; fillets, 15c. lb.; fresh smelts, 20c. doz.; boneless herring, 20c. lb.; lake herring, 50c. a doz.; salt water herring, 30c. a doz.  
John McKay, furrier, reports the following prices for raw furs: Bear, black, from 25c. to \$30, according to size and quality; raccoon, dark, 25c. to \$3.75; raccoon, pale, 25c. to \$2.50; otter, dark, \$1 to \$35; otter, pale, 50c. to \$20; fisher, \$1 to \$20; marten, brown, 25c. to \$10; mink, dark, 50c. to \$5; mink, brown, 50c. to \$6; mink, pale, 25c. to \$40; fox, red, 25c. to \$5; cross, 25c. to \$40; silver, \$300 to \$500, according to beauty; lynx, 50c. to \$20; muskrats, fall, 5c. to 16c.; winter, 10c. to 6c.; white weasel, 25c. to \$10; black beaver, 50c. to \$10; brown beaver, 50c. to \$7.50; skunks, 25c. to \$3.  
From November 1st to April 1st is open season for beaver in the province of Quebec.

The Real Lincoln.  
New York Times.  
Several current ideas concerning Lincoln Mrs. Nicolay brands as untrue. He was not, for instance, called "Abraham" by his fellow countrymen referred to him lovingly as "Honest Old Abe" during the early days of his struggles and his candidacy, but they addressed him as "Mr. Lincoln." Dearly as he loved the "plain people," simple as was his manner on every occasion, he was a man of too great a natural dignity to admit of any sort of cheap familiarity. Nor was his story telling so important a characteristic as many of us have supposed. He did tell stories, and told them excellently well; but the line where story telling became simile is, in Lincoln's speech and writing, often hard to draw. His stories were told for a purpose. Neither was he indifferent to his personal appearance, often unconventional in his dress, he was yet the greatest of men, and he at least listened to comments upon his height and rugged face.

Use for Chinese Temples.  
In Canton and Honan there are a large number of temples to the memory of numerous deities about whom nothing or very little is known, and the only time one ever hears of them is once a year, when the priests are celebrating the birthday of the god or other festival. The new government of the province is desirous of removing public opinion or causing ill-feeling, many of these temples could be put to a much more useful purpose by being given into the hands of the Educational Commissioner to turn into schools. The matter is receiving attention, and the funds hitherto paid to a number of lazy priests and retinue is to be devoted to education. Also the many celebrations held on the birthdays of the various gods are to be canceled, and the only festivals of this kind to be held are the Confucian celebrations.

A woman's idea of something to keep her warm in cold weather is anything in open work.  
The reason a man will work so much to teach his wife to think he never will himself.

The Softer Side of Morgan.  
John Pierpont Morgan—to give him all of his name—has softened and humanized of late years. He still has a roar that starts the ink in the office wells spouting like geysers, and can glare a hole through a chilled steel safe. But beneath the rough outer husk he is a pretty, warm-hearted old man.  
"He hasn't softened enough to spread," said an acquaintance, "but he is a blander banker than he used to be. The time was when solicitors, even for worthy objects, were protected by no office game law. Nowadays, if they get past the elephantine Celt at the door and attract the eye of the old man as he sits at his big desk overlooking the common corridor, they are fairly certain of a hearing. The other day a church collector ran the gauntlet, but by the time he had reached the last assistant secretary he had been reduced to a state of twirling his pony."  
"Bring him in," Morgan ordered. The solicitor shook-kneed his way into the presence. "What do you want?"  
"It was a study in stutters that the unfortunate offered. His cause was just, all right; but his vocal chord had palled. Out of the mass of clicks and false starts Morgan learned that he wanted \$200."  
"You should not have come to me, said Morgan."  
"The solicitor hopefully agreed. 'Never come in here again,' said Morgan."  
"The solicitor's face brightened. That was one worry off his mind."  
"Now," said Morgan, "get out. Here is \$500."—St. Paul Pioneer Press.

Hamlet's Condition.  
Herbert J. Pattice, an old-time legitimate actor and a member of the famous Booth and Barrett combination, reformed, and is now living luxuriously off the money obtained from valuable inventions, but he still likes to talk about the ups and downs of Shakespeare. "A friend and I once passed a theatre in Washington," said Mr. Pattice, "just as the performance had let out. My friend met an acquaintance who was coming out of the theatre. We were ignorant as to the attraction, as my friend asked his acquaintance what sort of a performance he had been witnessing. 'Hamlet,' said the acquaintance. 'Ah, Hamlet,' said my friend. 'I suppose that you are now filled with all sorts of conjectures as to whether Hamlet was really mad.' 'The Hamlet to-night,' said the acquaintance, 'left no doubt on that point. He was not alone mad—he was frantic. There weren't a hundred people in the house.'"

At Sharbot Lake.  
Sharbot Lake, Nov. 28.—There was quite a snow storm here on Sunday. Mrs. Walroth and son, Eber, have returned home after spending some time with her daughter, Mrs. Carey, of Havelock. Rev. A. E. Smart has returned home from England, after an absence of two months. The chicken supper, held in Exrin Hall, was well attended. Miss Edna McKay spent Sunday at Smith's Falls. Mrs. E. Erwin and son, Kenneth, have returned home from the west. J. Huff, man has moved into the house lately vacated by Mr. Long. Norman Blake is moving into the house vacated by G. Huffman.

## Eddy's Silent Parlor Matches

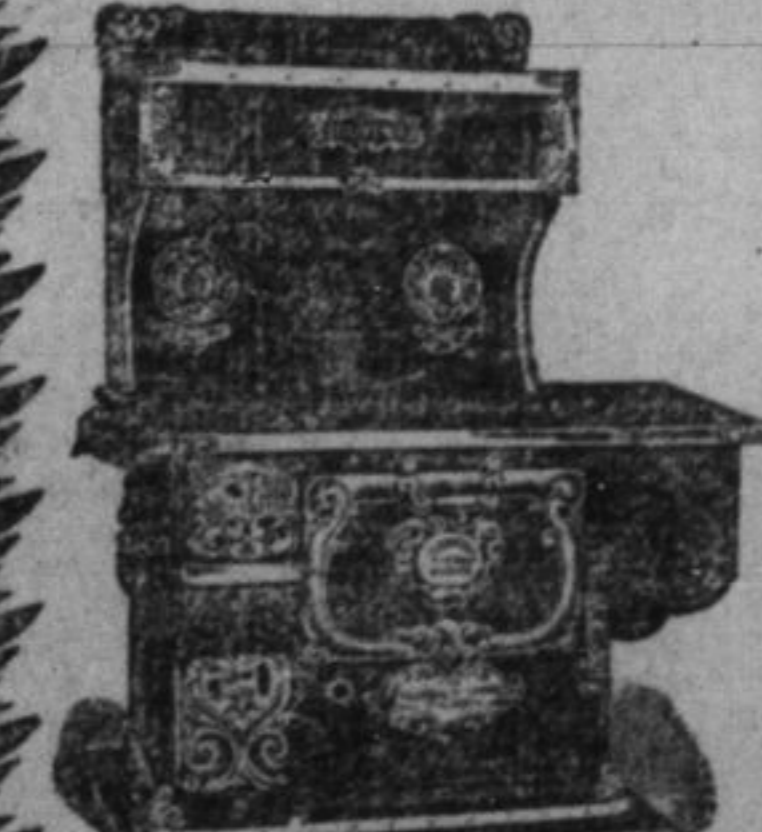
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