

FARM AND GARDEN.

SAVE GARBAGE FOR FOWLS.—Many families cast away enough good food, in the form of bits of meat, bread, and cake, to feed a dozen laying hens. My own practice ever has been to provide a nail cage, which is kept in some convenient corner, into which domestics are directed to deposit pieces of bone and meat, and everything else that is not to be again returned to the dinner table. The cage is kept where the cook can cast anything into it more conveniently than to heave it out in the yard. Most women seem to have an inherent inclination to throw every article of garbage out at the back door, to feed stray curs and marauding cats. Every day I see that our hens are treated to the accumulations of the cage. Cold potato, turnip, squash, beans, crusts of bread, and any article of food that can be mashed, are all put into a pan with some corn meal and rye flour, and mashed fine with a wooden pestle, after which hot water is poured on, and the mass is stirred until it is like a stiff mush. The pan is then placed where the hens can eat it while the food is warm. Every piece of meat, gristle, and fat is cut into pieces not larger than a kernel of corn. Laying hens are very fond of such food. Every bone is pounded into fragments so small that a fowl can swallow the pieces without danger of being choked. It is useless to cast out large pieces of gristle, meat, and bones to fowls. As they have no teeth, they cannot eat such food. But by preparing rough food so that fowls can swallow it, they will eat almost every particle of garbage. I never add so much water as to render food starchy. Hens are not fond of slops. Any pieces of meat and fragments of bones that a fowl can get into the crop will be digested; and all such food is rich in egg-producing material.

WHEN TO CUT GRASS.—The analytical chemist of the U.S. Department of Agriculture, summing up the results of analysis of nearly all the cultivated grasses, says it is apparent that in most cases the time of bloom or thereabout, is the fittest for cutting grasses, in order to obtain the most nourishment and largest relatively profitable crops; and for the following reasons: The amount of water has diminished, and the shrinkage will therefore be less. The weight of the crop will be the largest in proportion to the nutritive value of its constituents. The amount of nitrogen not present as albuminoids will be at its lowest point, fibre will not be so excessive as to prevent digestion, and the nutritive ratio will be more advantageous. If cut earlier, the shrinkage is larger, although the fibre is less and albumen is a little larger. The palatability may be increased, but the total nutrients to the acre will not be so large.

An experienced sheep-raiser says that a good way to control a flock of sheep is to take a ewe lamb to the house and make a pet of it. Use nothing but kindness, and give it a name, teaching it to come at the call. Whenever the lamb obeys give it something as a reward, such as a grain of corn, piece of bread, or anything that is acceptable, but never give it a blow. When the lamb is grown, place it in the flock and you will need only to call that one sheep, when all the others will follow. As sheep follow their leader the training of one is the training of all, and it is a saving of time and labor to do so.

A FARMER THINKS TOO MUCH HAY IS GIVEN.—The trouble with most persons who keep horses, says a Western farmer, no matter whether on the farm for farm work or for driving purposes, is they feed too much hay; and to this cause can be attributed the general sluggishness often manifested by the horses until they have been working a couple of hours, while the wind is also much impaired. Night is the only time when hay should be fed, especially to animals used for quick work. Even the slow plough team should have but little hay at the morning and noon feeds, but give them a generous supply at the evening meal. By doing this your horse will keep in better spirit and condition and

free from any tendency to "pot-belly," which horsemen dislike so much to see.

Turnips fed immediately after milking will not give taste to the milk.

Pigs eat charcoal eagerly and it is good for them, especially when they can't reach open ground.

Darken the horse and cow stables to keep out the flies.

SCIENCE.

STOPPING A CATTLE STAMPEDE.—"One of the smartest things I ever saw in my travels," said a passenger from the West, to a newspaper reporter, "was a cowboy stopping a cattle stampede. A herd of about six or eight hundred had got frightened at something, and broke away pell mell with their tails in the air and the bulls at the head of the procession. But Mr. Cowboy didn't get excited at all when he saw the herd was going for a straight bluff, where they would certainly tumble down into the canyon and be killed. "You know that when a herd like that gets to going, they can't stop, no matter whether they rush to death or not. Those in the rear crowd those ahead, and away they go. I wouldn't have given a dollar a head for the herd; but the cowboy spurred up his mustang, made a little detour, came right in front of the herd, cut across their path at a right angle, and then galloped leisurely on to the edge of that bluff; halted, and looked around at that wild mass of beef coming right toward him. He was cool as a cucumber, though I expected to see him killed, and I was so excited I could not speak. "Well, when the leader had got within about a quarter of a mile of him, I saw them try to slack up, though they could not do it very quick. But the whole herd seemed to want to stop, and when the cows and steers in the rear got about where the cowboy had cut across their path, I was surprised to see them stop and commence to nibble at the grass. Then the whole herd stopped, wheeled, straggled back, and went to fighting for a chance to eat where the rear guard was. "You see, that cowboy had opened a big bag of salt he had brought out from the ranch to give the cattle, galloped across the herd's course, and emptied the bag. Every critter sniffed that line of salt, and, of course, that broke up the stampede. But I tell you it was a queer sight to see that man out there on the edge of that bluff quietly rolling a cigarette, when it seemed as though he'd been lying under 200 tons of beef in about a minute and a half."—Sc. American.

A curious point in diamond lore has just been established, to the delight of savants in Paris, where the exhibition of the Crown jewels at the Louvre has made the subject very popular for the moment. It has long been laid down that the diamond has the power of retaining light and of afterwards emitting it in the dark. This has now been proved by experiments. The Mendon, Mich., Globe is edited by women, and all the compositors are women. This fall Emily Faithful will bring out a book called "Three visits to America." Amelia B. Edwards, the writer, is acknowledged to be the highest authority on Egyptology in Great Britain.

A wonderful invention has quite lately been patented by Mr. John D. Bowell, of San Francisco. Not only has he combined petroleum and water in such a way that the mixture can be used as a fuel which is absolutely safe and wonderfully cheap—that discovery is an altogether new thing—but he has invented an apparatus in which the fuel is to be burned which is still more wonderful. In two minutes and a half an oven can be made to show a baking heat of 340 degrees, while in double that time the stove will become a red hot mass. All this immense heat can be controlled by turning a little faucet. There are no ashes from the combustion, and the smoke instead of being thick and nasty, is light and white.

The whole Island of Bermuda is a mass of rock of the coral limestone order. The usual process of making a garden is to break up an acre, or so of the rock with a sledge and crowbar, mash it up fine, and mix in enough earth to prevent the rock from hardening again. In this compound anything under the sun will grow and grow luxuriantly. A man who takes this much trouble to make a garden can have green peas and fresh lettuce and all the other vegetables on his table every day in the year.

HEALTH HINTS.

A GOOD COSMETIC.—"The only good cosmetic I know of" says a duggist, "is pure water. Any first-rate physician will tell you that face washes are quite useless as remedies for skin troubles. And yet these quack remedies always will command a large sale, though many of them contain elements very injurious both to the health and complexion, and not one of them pretends to attack the skin trouble through the blood, which is the only way recognized as effective in the practice of medicine. People frequently apply to me for a remedy for freckles, but the philosophy of the freckle is something that no fellow ever could exactly find out. There are two or three theories in regard to freckles—one is that they are small accumulations of the pigment which colours the skin, and the other that they are stains produced through the oxidation by the air of the iron in the blood. The first of these is doubtless the true one. No one has ever found out how to remove freckles. Many people are annoyed by eruptions of the skin of the face, which spring merely from impurity of the blood, and the only remedy is to attack the trouble through the blood. The practice of taking arsenic for the complexion is an exceedingly dangerous one. Arsenic, as a remedy for skin disorders, is well known in therapeutics, but, too carelessly used, it undermines the constitution. Reputable druggists will not sell Fowler's solution of arsenic which is the form in which it is usually taken, without a prescription. These so-called medicated soaps for the skin have no particularly good effect. There is nothing better than white castile and the only benefit that can be derived from external washes is cleanliness.

BAKED MILK FOR CONSUMPTIVES.—"Baked milk is an admirable food for consumptive people and for most invalids. It is made in this manner:—Put a quart of good milk into a stone jar; cover with writing paper, tied down. Leave in a moderately hot oven for eight or ten hours, till it has the consistency of cream. The amount of nourishment to be derived from it is marvellous." It most closely resembles condensed milk, and does not differ much from a milk rice-pudding, the rice being a nice and indigestible addition. This reminds us to say to many anxious inquirers that the perfect cure for the most inveterate habit of constipation is simply to live on wheaten groats and any kind of fruit. We have never known a case which this diet failed to cure.—Dr. Nichols.

Impregnation of the atmosphere of a sick chamber when the patient is ill of diphtheria, measles, scarlet fever, or of any allied disease, with the odor of a mixture of equal parts of turpentine and carbolic acid is recommended by Dr. Viandl. Half a teaspoonful of the mixture will be enough at a time, if it is put into a kettle of water kept near the boiling point. The odor generally gives some relief to the sufferer, and tends to prevent the spread of the malady.

VARIETIES.

'Free Chops' is a sign hung out by a Chicago restaurant, and when the customers apply they are shewn a wood-pile and handed an axe.

Will anybody believe that this actually occurred in a chapel not a hundred miles from Cornwall? He took the babe in his arms very affectionately and addressed in a paternal fashion a few words of advice to the young parents. "See that you train up this child in the way that he should go, that you surround him with the best of influences and that you give him a good example. If you do so, who knows but he may become a John Wesley or a George Whitfield? What is his name?" 'Nellie, sir!'

A pious negro, sadly wearied by the tedious prayer of one who preceded him, prayed, 'O Lord bless dear brudder who we has listened to so patiently.' This reminds us of that other pious negro, who being called upon to pray at the close of a long and rambling speech, said earnestly, 'Lord, bless our dear brudder's feeble remarks.'

Kalamazoo girls pronounce vase 'vace'; New York girls, 'vaze'; Philadelphia, 'vash'; Boston, 'vaws'; and Detroit girls, 'jug.'

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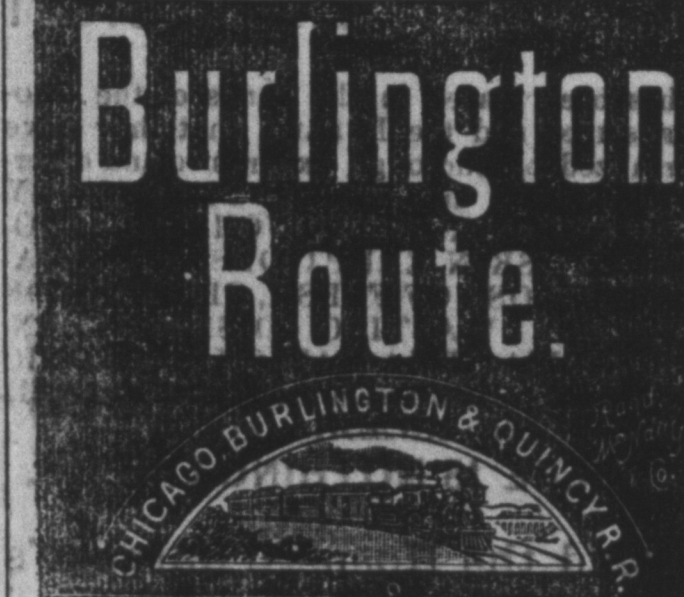
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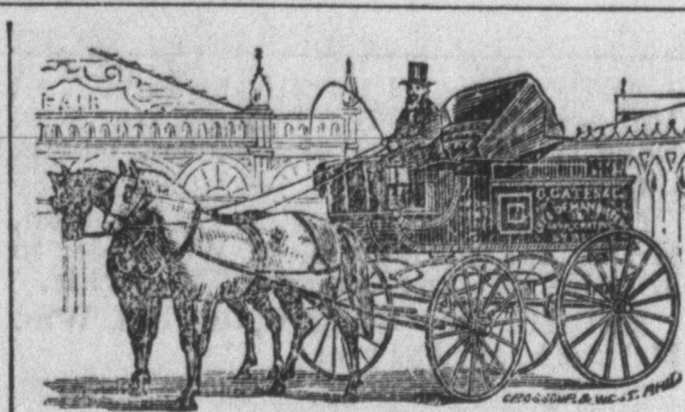
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