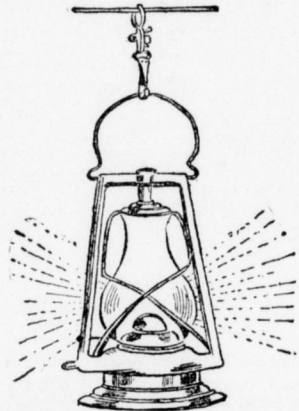




LANTERN IN THE BARN.

Danger from Fire Is Minimized by Suspending It from a Stout Overhead Wire.

In a recent issue Mr. Knapp rightly calls attention to the necessity for the practice of some system in lighting the barn winter evenings and mornings, and guarding against fire by having some safe arrangement for handling lanterns, rather than setting the lantern down here and there, sometimes on uneven surfaces, and always with the danger of having it tipped or kicked over; or, worse yet,



OVERHEAD WIRE FOR LANTERN.

allowing the striking of a match occasionally to find some particular article in a hurry. The idea of hanging the lantern in the snap of a buckle is good, for then, no matter how much the lantern is swayed it cannot fall. To avoid changing the location of the lantern from hook to hook, an excellent device is to run an overhead wire along the space desired to be lighted in one or two places in the barn or stable. To this wire can be attached a snap-buckle with a ring, so as to allow of its being slid along from one end to the other, and thus the lantern can be moved along at will to any point under the wire.

Another point about the lantern in the barn is to keep the chimney clean. A lantern never gives too much light, anyway, but a dirty, smoky chimney, besmeared with greasy finger-marks, will shed just about half as much light as a clean glass.—Guy E. Mitchell, in Farm and Fireside.

THE VALUE OF WEEDS.

They Keep the Fertility of Soil from Leaching Out and Are of Value in Other Ways.

Weeds have a value. The writer once heard Prof. Bailey say that the weed is the friend of the farmer, and no man should want to get rid of a farm because it is weedy. He himself had purchased a good farm at a low price, because it had all run to weeds and the former owner believed that they were so numerous as to greatly reduce the value of the land. But these same weeds had been keeping the fertility of the soil from leaching out, and had kept the ground in a condition where it would not bake, but would readily yield to the plow. He simply turned all the weeds under and got back the fertility they had taken from the ground. Then he planted to other crops and had a regained farm.

Were it not for weeds, say after a clover crop, the nitrogen in the soil in readiness for plant use would disappear. As it is, the weeds take it up and hold it for subsequent crops. The cultivation that is necessary to keep down weeds is not time and effort lost. The benefit to the crop cultivated is more than enough to pay for the outlay. The additional effect of conservation of moisture is not to be forgotten.

Weeds are also valuable for the work they do in keeping the land in the hands of the many. Were there no weeds the cultivation of the land could be undertaken on an immense scale by men of wealth and a monopoly in land would be possible. If such a monopoly were attempted at this time, the cost of keeping the land clean would make it impossible to keep it under control.—Farmers' Review.

Mixed Rations for Lambs.

Prof. I. P. Roberts gives as a formula for mixing grain ration for fattening lambs, corn meal and wheat bran 100 pounds each, oil meal 20, pounds; peas, 50 pounds, oats, 50 pounds. Mix and feed from one-half to one pound a day per head. If clover hay is fed wholly or in part, there should be more corn given, and less peas and oats, but the above is about right when shredded corn fodder or dry hay is used. He gives no directions for a ration of roots to go with this, but we would add some every day when not feeding clover hay or ensilage, if we could have them.—American Cultivator.

Dipping Is a Good Practice.

The practice of dipping sheep is a very commendable one. In fact, it is considered absolutely necessary for the preservation of the flock. Many on the western range think that sheep are free from all diseases, but the fact remains that while sheep may run a year or two and show no signs of being affected in any way, there may be a few sheep that are affected and consequently the whole flock must be dipped to reach the few, as well as to prevent the growth of the disease until it affects the whole flock.—Rural World.

SKIM MILK FOR HOGS.

It Makes the Ordinary Grain Feeds More Digestible and Is a Good Flesh Producer.

Skim milk should always be used when it is available. It is not only a good flesh producer in itself, but it also makes the ordinary grain feeds more digestible and so adds greatly to their value. While skim milk alone is rarely profitable, from 20 to 40 pounds being required to make a pound of meat, when mixed with grain in the proportion of 3 pounds or less of milk to each pound of grain its value is greatly increased. In a test reported by C. P. Goodrich 1 bushel of corn produced 10 pounds of pork, and 100 pounds of skim milk produced 5 pounds of pork, when fed separately. When fed together, however, the mixture produced 18 pounds of meat, an increase of 3 pounds due to the mixing. In this case 100 pounds of skim milk took the place of 44.8 pounds of corn. If the corn was worth 25 cents per bushel, the milk was worth 19.6 cents per 100 pounds; if the corn was worth 40 cents, the milk was worth 31.4 cents. Extended tests in the feeding of skim milk have been made at the Utah station, and among the facts brought out by the work are these: "The hogs fed on the milk-and-grain ration made much more rapid gains than either those fed on milk alone or on grain alone. The time required to make 100 pounds of gain was 79 days for the hogs fed on milk and grain, 116 days for those fed on grain alone, and 147 days when the feed was milk alone. The milk-and-grain-fed lots required 2.58 pounds of digestible matter, the milk-fed lots 2.85 pounds, and the grain-fed lots 3.19 pounds to make 1 pound of gain in live weight." In this case 100 pounds of skim milk took the place of 23.2 pounds of grain in the mixture. Work at other stations has given very similar results and has demonstrated that when not more than 4 pounds of skim milk is used with each pound of grain the milk is worth from 15 to 30 cents per 100 pounds. The younger and smaller the hogs the higher is the value of the milk. For fullgrown and aged animals it is of less value. It may be taken as a safe rule that it is profitable to pay at least 15 cents per 100 pounds for all the skim milk needed to make four times the weight of the grain fed, and where it is impossible to secure enough for all the hogs the available supply should be given to those pigs nearest the weaning age and to sows suckling pigs.—Farmers' Review.

GOOD CHEAP HALTER.

How to Make One of a Single Piece of Rope, at an Expense of About Fifteen Cents.

Take a piece of one-half-inch rope 12 feet long. Untwist 18 inches of one end, and secure it from untwisting any further by tying a strong string around it at that point. At a point 10 inches from this tie open the strands of the rope and pass the untwisted strands through, drawing



GOOD ROPE HALTER.

up tight, thus forming a loop of rope five inches long. Now braid the three loose strands tightly to within three or four inches of the ends. The braided piece goes over the animal's nose. Next measure off about three feet from the loop, open the strands at that point, and work in the loose ends of the braid well so as to give strength at that point. The three-foot piece goes over the top of the animal's head. Now pass the end of the rope through the loop, and a strong halter of one piece of rope, costing possibly 15 cents and 20 minutes' work, is complete. By using cattle tie-iron it would be an improvement.—C. E. Shell, in Farm and Fireside.

AMONG THE POULTRY.

As soon as the brood is taken from the nest remove all the old straw and burn it.

After a hen is three years old she becomes unprofitable as an egg-producer, and is rather tough for table use.

In marketing, the eggs should be clean and attractive and the fowls well fattened and well dressed. There is considerable in appearance.

Do not put over ten or eleven eggs under the sitting hen at this season, as she will hatch more chicks from that number than she will from fifteen.

Warm, dry shelter should be provided for the young chicks, so that they may not be forced to remain out during cold and disagreeable weather.—Farmers' Review.

SHOCKING A LANDLORD.

The Guests Wanted Cheap Game Instead of High-Priced Store Meat.

We had been at a Rocky Mountain hotel for a week, and beefsteak and mutton chops had been on the bill of fare at every meal to the exclusion of all other meats. It was finally decided to send the colonel to the landlord to protest, and having gained the ear of mine host, he said: "I want to speak to you in a good-natured way about your meals." "My meats?" echoed the landlord. "Why, is there anything wrong about my meats? I'm getting the very best." "It's beefsteak and mutton, you know." "Yes, I know, and they cost me a heap of money to get 'em here, yes, sir, almost worth their weight in silver, but I must have the best. What is it you complain of?" "We don't complain. What I wanted to ask you was about game. There must be game around here." "Do you mean to say that your crowd wants venison, bear meat, antelope, prairie chicken, turkey and so on?" "Exactly. Yes, that's what we want." "In place of beef and mutton?" "Well, I'll be hanged. Here, Jim, tell the boys to go out after a carload of game and to keep it up for three or four days! Here's a crowd kicking about steaks at 35 cents per pound and chops at 50 and ready to fill up on game at two dollars a ton! Well, you eastern folks beat the band in your queer tastes about eating! Next thing you'll be telling me you prefer wild goose to a Chicago sugar cured ham!"—Boston Globe.

BELIEVES IN HORSE SENSE.

Veterinarian Converted by a Sick Steed That Sought a Doctor.

"Experience has convinced me that there is such a thing as horse sense," said a veterinary surgeon who has a shop on the South side. "A friend of mine had a beautiful chestnut driving mare that was subject to severe spells of colic. About a year ago she got very sick and Jones, the owner, brought her over here for treatment. I cared for her, and she seemed as grateful as a human being might, rubbing her nose against my coat sleeve, and showing her affection in her dumb way." "One day about six months ago she came to the door of the shop, moaning and evidently suffering acutely. I treated her again and she got better. I found out afterward that there was no one at her home stable that day and that she had worked the halter off and had set out to find the doctor." "Curious circumstance," said the man who had heard the story. "But that's not all of it," said the doctor. "Three days ago I came down to my office in the morning about nine o'clock. There lay the chestnut mare in front of the door—dead. She had been taken sick, had made her way as before to the shop in the night, and found nobody there to give her medicines, and she had died. Now, if this story isn't proof that a horse can reason I would like to hear something to beat it."—Chicago Inter Ocean.

A Filipino Tartar.

Lieut. Col. H. H. Sargeant, U. S. A., tells many enjoyable war stories. Once when instructing some new men he asked: "When you are on the skirmish line, and suddenly encounter the enemy, what would you do?" "Fall flat." "And what next?" "Stay there." On another occasion he was questioning a man respecting his absence for six hours. "I was chasing a Filipino for an hour, sir." "How about the other five hours?" "The Filipino and his friends were chasing me, sir."—Philadelphia Saturday Evening Post.

A Regular Bird.

The burglar sometimes becomes a jail bird, because he's a robin.—Philadelphia Record.

Try Grain-O! Try Grain-O!

Ask your grocer to-day to show you a package of GRAIN-O, the new food drink that takes the place of coffee. The children may drink it without injury as well as the adult. All who try it like it. GRAIN-O has that rich seal brown of Mocha or Java, but it is made from pure grains, and the most delicate stomachs receive it without distress. 14¢ the price of coffee. 15¢ and 25¢ per package. Sold by all grocers.

Artillery.

Artillery is becoming all the time a more important branch of the military service. In a sense war is already almost as much of a shell game as is diplomacy.—Detroit Journal.

Coughing Leads to Consumption.

Kemp's Balsam will stop the Cough at once. Go to your druggist to-day and get a sample bottle free. Large bottles 25 and 50 cents. Go at once; delays are dangerous.

The advice of some people should be accompanied with printed directions for taking.—Chicago Daily News.

Carter's Ink.

Good ink is a necessity for good writing. Carter's is the best. Costs no more than poor ink.

Fortune sometimes favors the brave and sometimes she leads them into a trap.—Puck.

FAIR WOMEN SPEAK.

Pe-ru-na Works Wonders for the Gentler Sex in Catarrhal Ailments.



MRS. COLONEL HAMILTON.

That Pe-ru-na has become a household remedy in the home of Mrs. Colonel Hamilton is well attested by a letter from her, which says: "I can give my testimony as to the merits of your remedy, Pe-ru-na. I have been taking the same for some time, and am enjoying better health now than I have for some years. I attribute the change to Pe-ru-na, and recommend Pe-ru-na to every woman, believing it to be especially beneficial to them." Mrs. Hamilton's residence is 259 Goodale street, Columbus, Ohio.

MISS ANNIE WYANDOTTE.

Miss Annie Wyandotte, queen of the operatic stage and dramatic soprano, says: "Fifteenth St. and Jackson Ave. Kansas City, Mo." "Dear Sir:—Pe-ru-na has been my salvation. It has given me back a beautiful voice, a gift of God; it has brought me once more to my old profession. I can talk now, and sing, where before, I could scarcely whisper. Can you wonder at my delight? I wish every person who is suffering as I suffered might know Pe-ru-na. Only those who have been afflicted can ever know the intense satisfaction and gratitude that comes with a complete cure. My voice was completely gone. April 15 I felt so elated over the restoration of my voice that I inserted an advertisement in The Star for vocal pupils. The advertisement, which cost me 65 cents, brought me five pupils, and that was the beginning of my present large class. Yours gratefully, "Annie Wyandotte."

MISS CLARA STOECKER.

Miss Clara Stoecker says: "I had chronic catarrh for over a year. I tried many remedies, but found no relief until I saw an advertisement in the paper of your treatment for chronic catarrh. I tried it and I think I am now well. I recommend Pe-ru-na to all my friends who are afflicted with catarrh." Miss Stoecker lives at Pittsburg, Pa.

Mrs. Margaret Fritz, Wilcox, Okla., writes: "I extend my sincere thanks for the good advice you have given me. I do not believe I would be living now if it were not for you. I had suffered with flow of blood for four months, and the doctors could help me but little. They operated on me three times. It was very painful and I only obtained little relief. I was so weak I could not turn in bed. Then I applied to Dr. Hartman. I did not know whether he could help me or not, but I followed his advice, and used only three bottles of Pe-ru-na and Man-a-lin. Now I am as well and as strong as I ever was, thanks to your remedies." Pelvic catarrh has become so frequent that most women are more or less afflicted with it. It is usually called female disease.

Mrs. Margaret Dauben, No. 1214 North Superior street, Racine City, Wis., says: "I feel so well—good and healthful now that pen cannot describe it. Pe-ru-na is everything to me. I feel healthy and well, but if I should be sick I would know what to take. I have taken several bottles for female complaint. I am in the change of life and it does me good."

Have you catarrh of the head, throat, lungs, stomach or any other organ of the body? If so, write to Dr. Hartman at once. He will send you directions for treatment without charge. Address Dr. Hartman, Columbus, O.

Palmer's Lotion
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PIMPLES, RED SPOTS, ECZEMA, CANKER, SORE EYELIDS, BRUISES, BURNS, and all other skin troubles. Use Lotion Soap in all cases.

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Cures constant coughing. A simple cough is bad enough; but a chronic cough is dangerous. Take advice, use Dr. Bull's Cough Syrup and be cured. 25c.

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