

FARM, DAIRY, and HOUSEHOLD.

A DESIRABLE TYPE OF SHEEP.

Up to a comparatively recent period the sheep owner was considered a wool grower, nothing more. At present the sheep even without his fleece is a very important marketable product. When sheep were kept almost exclusively for their wool, the type of sheep most in demand was the one that produced the best wool and the most of it. But when the time came that a lamb could be shorn of his fleece, placed on feed for a few months and sold at from \$7 to \$8 per hundredweight, the owner might be excused if he forgot whether the lamb grew hair or wool. Still, while the demand for mutton has increased by leaps and bounds, and has turned everybody's attention to the mutton producing qualities of this animal, the high prices paid for wool made his wool-producing qualities still a matter of primary consideration. The type of sheep, therefore, which would command most attention at the present time, should combine harmoniously the qualities of the wool type with those of the mutton type. The dual purpose sheep is scheduled to appear next, and we await his coming with interest. One or two experiment stations have been making some tests with a view to producing a sheep which will meet with present market requirements and equally earnest, though perhaps less scientific and systematic, are the efforts made by flockmasters and small breeders in the same direction. The method of selection is the one to follow. Let a few members of the flock which come nearest to the ideal type be chosen to form the nucleus of the new flock, which in its turn should be subjected to a process of rigid selection.—Shepherd's Bulletin.

Water and Salt for Cows.

Eight gallons of water a day is the average quantity required for a cow, and the milk given is about 87 per cent. water. In some pastures there is no water, the cows being supplied at night and morning, which forces each cow to drink four gallons at a time in order to be supplied. As the cow does not know that she must drink four gallons, she may use less, and she will reduce her milk supply accordingly.

Extensive tests and investigations have been made by the experiment stations to determine the advisability of adding salt to the ration of the dairy cow. As a result of these trials, it is recommended that dairy cows be given at least 1 ounce of salt daily. Exceptionally heavy milkers will require more than this. The uniform results obtained with all cows employed in these trials indicate that salt in addition to that obtained in their food is absolutely essential to the continued health of the dairy cow, while producing milk. It is evident, moreover, that the amount of salt which must be supplied directly will greatly vary in different localities, it being more at high elevations and at places remote from the sea.—Agricultural Epitomist.

Keeping Tab On Cows.

A sympathetic and accurate record of each and every cow in a dairy herd is valuable for many reasons. First, the owner determines which animal to retain and which to weed out. Every cow showing a deficient balance sheet under average conditions should be sold to the butcher at once. Second, it encourages accuracy and system. Third, it enables the feeder to judge the comparative value of different feeds. Fourth, if a cow is not doing properly, the fact is at once noticed on her milk sheet and the necessary changes may be made to restore the animal to her proper condition. Fifth, it furnishes a good way of checking careless or indifferent milkers. Sixth, it shows any irregularity, effect of early or late milking, effect of high or low temperature, effect of exposure to cold or storms and the effect of drinking ice-cold water. Last and most important, the daily milk record tells exactly each month just what the cows are doing. No dairy can be successfully conducted without it. Keeping an accurate record is one of the most important parts of the business.

How to Bud Fruit Trees.

"For a budding knife take a common caseknife—a broken one will do—cut the blade off square about one inch from the haft, and sharpen the end not very thin but sharp. Keep the normal edge as keen as possible. Now to use it. Set the end edge squarely across the branch or seedling where you wish to set your bud, and with a gentle pressure cut through the bark to the wood. Next, set the same edge vertically just below where you have made the cross incision, and cut through the bark as before, and before withdrawing the knife give it a slight twist, which will throw the bark open for the reception of the bud. The bud is cut from the scion of the variety desired by starting the knife into the scion about one-fourth of an inch below the bud, and cutting upward to the same distance above, taking off the bud with a shield-shaped piece of bark and a small shaving of the wood of the scion. Insert this in the incision already made in the stock and tie the bark to the stock down over it firmly, but not too tightly. For tying, anything, nearly, will do. I have used corn husks when other material was not handy."

PROTECT THE COWS.

Watch the cows closely, and especially the new milkers, to see that they do not fall away in milk. The nights are becoming chilly, too much so for the cows to lie out of doors without getting more or less chilled, which means the use of feed to create bodily warmth instead of making milk of it. The feed in the pastures is not quite so nourishing after hard frosts as before. It becomes a little woody and lacks succulence. Then, too, cold rains are liable to occur while the cows are at pasture, and chilly winds are frequent.

It will pay big to stable the cows every night and provide a good bed of straw for them. Feed a little grain and increase it as needed to hold the milk yield up. If it is allowed to fall off it will be hard to bring it up again. Cows are sometimes called machines, which is true in the sense that they will not work as well in the rain or after having been soaked, as when kept dry, warm and well fed, which means well fed.

It never pays to keep cows for dairy purposes unless they are well fed. It should be of the right character, given when needed and at regular intervals. The man who stints the cow cheats himself, for she can only return to him what he first puts into her mouth. If she is a machine, she cannot manufacture without the raw material.—Wisconsin Agriculturalist.

SUNFLOWER PHILOSOPHY.

Some men, when talking to a woman over a telephone, have such a caring voice that it amounts to almost a hug.

Some friendships from the start are as uncertain as that existing between one man who owns a cat and another woman who owns a bird.

No use talking, it is very hard to feel just right toward a friend after you have heard him praise your enemy.

Every woman takes as much time in getting off a street car as if she thought her destination was as far as the car expected to go.

When a friend expresses a dislike for some one, either agree with him or keep still. Don't be irritating by insisting that the other fellow has fine points.

If a girl is attractive when she marries and grows unattractive after she is married, is that her fault? No; it is not. Still, husbands notice it.

When a girl goes with a man a great deal and says she isn't particularly interested in him, it means that she hasn't hooked him; that she isn't certain she can get him.

Young man, when you marry a princess, a beautiful girl, remember that in a few years you will have an old and unattractive woman on your hands, and a woman who won't hesitate to tell you what she thinks of you, either.

When a man submits to a procession wedding, the men have the same opinion of him that the women have of a woman who continues to live with her husband after he has beaten her.—Atchison, (Kas.) Globe.

FOR THE KITCHEN

A Southern Holiday Pudding.

This recipe makes sufficient for fourteen persons, and can be divided for a smaller family: Weigh one pound of raisins, one pound of currants, one pound of suet half-pound of citron, one pound of grated stale graham bread and half-pound of brown sugar. Stone and chop the raisins; clean and dry the currants; chop the suet fine and sprinkle with a handful of flour and cut the citron into strips. Measure one even teaspoonful each of ground cinnamon and nutmeg, and a half-teaspoonful of cloves and allspice. Put the fruits and spices into a bowl and mix thoroughly. Beat eight eggs, without separating, until they are light, then add to them one teaspoonful of vanilla extract and add all to the fruit with the bread crumbs and the suet. Sprinkle in one teaspoonful of salt and mix thoroughly; then turn into the mold, which has been buttered, and steam six hours. If a bowl is used, then a buttered cloth must be tied over the top, allowing a little slackness for the pudding to rise. With this pudding a rich sauce can be used, and the custard sauce will also prove a delicious accompaniment.

A Good Plum Pudding.

Here is one of the best recipes for plum pudding: Three-quarters of a pound of flour, two ounces of baking powder, two ounces of bread of crumbs, 1½ pounds of suet, two pounds of raisins, one pound of currants, 10 ounces of sugar, 2 ounces of almonds, one pound of mixed candied peel, salt and spice to taste. Mix the ingredients well together and add six eggs well beaten and three-quarters of a pint of milk. Divide into two and boil eight hours.

Stewed Beefsteak.

Put a little fat or butter in the frying pan and heat it thoroughly. Take a pound or a little more of lower round of steak, cut in five or six pieces, put in pan and brown well on both sides; salt and pepper and fill the pan with boiling

Avoid alum and alum phosphate baking powders. The label law requires that all the ingredients be named on the labels. Look out for the alum compounds.

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water. Add two or three sliced onions and cover; let boil for a time, then set back and simmer for two hours. It will need water added occasionally. Ten minutes before using add a flour thickening and make plenty gravy. Nice without onions, if they are not liked.

Preventing Potato Rot.

The Germans have found a way to prevent potato rot. The fungus causing it is destroyed by washing the potatoes with a broom dipped into a solution of 1 pound of chloride of lime dissolved in 25 gallons of water.

The Discovery of Democracy.

Brand Whitlock, Mayor of Toledo, O., writing on the Discovery of Democracy, in the Times Magazine, has this significant paragraph: "The realization of this Democracy, which is the justification of America to the world, is to be accomplished by the men of America—not the great men, or the rich men, or the business men, or the respectable men, but by the men, and when I say men, I mean women, too; for women are included in Democracy; they, too, are entitled to their own personalities, and to have their count. Men vote because they are men; that is the only reason. Women should vote, that is, take part in Democracy, because they are women; that is all. Man's humanity gives him this right, and woman's humanity gives her this right. The perfect Democracy is a sphere, not a hemisphere, and every personality in it must play its part for good or bad."

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