

stable is not on the south side of the barn. You should have as much light as possible in order to keep the barn sweet and clean. Could it not be possible to make a dairy barn out of the wagon shed which is on the south side of the barn, and put the wagon shed on the north. Provide for a continuous row of windows on the south side, allowing at least four square feet per cow. If it is impossible to make the change, you should have larger windows, and more of them than would be necessary on the south side, especially on the ends.

Should you wish further information concerning the feeding of the cows, or detailed construction of the barn, I should be pleased to have you write me further.

HOW CAN I DRY UP MY COW? ABORTION.

Question: What is the best way to dry up a persistent milker? She is giving about one and one-half gallons of milk, and will be fresh about the 10th of May. Are cows who have their calves one or two weeks before the 283 days are up classed as aborters—that is, if they are well fed and in a healthy condition? If this happens, is their any treatment? C. H., Enumclaw, Wash.

Answer: The best way to dry up a persistent milker is to milk her but once a day at first, then once every two days, then once every three days, and so on. You will find that the udder will fill up between each milking, but in most cases when the cows are six or seven months along in their pregnancy they will not produce enough milk to injure the udder because of the pressure. In the case of some cows, however, this point must be watched very closely, and if the udder becomes distended to such a degree as to make it extremely painful to the cow it will be necessary to milk more often than indicated above.

Technically, abortion is the term used for the expulsion of the offspring before it can live out of the womb. Its expulsion after it is capable of independent existence is premature birth. Some dairymen, however, use

the term "abortion" for the expulsion of the foetus at any time before the completion of the full period of the normal pregnancy. In your case it would seem that it should be classed under premature birth rather than abortion, and would, therefore, require no special treatment. As a precautionary measure it would be well to disinfect the premises and the hind parts of the cow with a weak solution of creoline or some other good disinfectant.

BREAKS FOUR YEAR RECORD

After making three out of seven world's yearly records during the past few years, Lilly of Willowmoor, of the Willowmoor herd of Ayrshires at Redmond, Wash., owned by J. W. Clise, of Seattle, has made a four-year record that brings this herd into greater prominence as large producers.

Lilly of Willowmoor, who made a world's record of 22,106 pounds of milk and 888.7 pounds butterfat last year, completed on May 9th a four-year test with 62,274 pounds of milk and 2,411.71 pounds butterfat.

Her record for the four years follows:

	Milk	Butterfat
1st year	9,211	349.02
2d year	12,730	479.56
3rd year	22,106	888.70
4th year	18,227	694.43
Total	62,274	2,411.71

Lilly of Willowmoor is the third world's champion cow owned by Willowmoor Farms. All the offspring of these cows are still on the farm and are adding to the high production of the herd as a whole.

Mr. Clise has kept the idea of production as the dominant feature in building up his herd, and has full confidence that the Pacific Northwest can produce dairy stock that will lead the world. This faith is founded on the fact that climatic conditions here are similar to those in the great dairy countries of the old world. "Our climate," said Mr. Clise in an interview with The Ranch, "is very much like that of the countries that have developed the Ayrshire, the Hereford, the Jersey and Guernsey. I want to demonstrate that we can, without importation, develop stock here that will lead in production."



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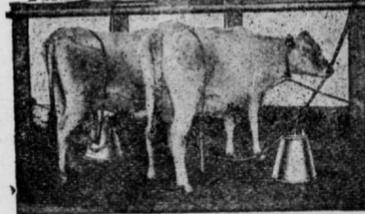
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