

ment a higher score in point of flavor. In 1897 further experiments were made at the Wisconsin Station. A quantity of sweet milk was divided into two lots, one of which was placed inside the silo on the silage for one hour. Both lots were then poured into cans and examined by a number of competent persons to see if they could detect the silage odor in the milk. Out of 120 such examinations the results in 13 cases, or more than 10 per cent., were incorrect. Again two lots of the same milk were taken to the silo, one being merely exposed in the silo for an hour, while the other had the air of the silo forced through it for the same length of time. In 7 out of 24 examinations the milk was pronounced as having no silage odor, and it was agreed that the odors taken up by these lots of milk were much less perceptible than those found in milk from cows which were fed silage just before milking time.

To study the effect of silage odors on the acidity of milk, a quantity of sweet milk was divided into two lots, one being taken to the silo where, with a small hand bellows, air from the silo was forced through the milk 1,000 times. Both lots were tested for acidity with the result that the milk treated in the silo indicated less acidity than the other lot. In other cases aeration of one lot with silo air and the other with outside air showed almost equal decreased acidity.

Sudden changes in the cow's rations usually decrease the milk yield, even when the new ration is better than the old. When it is necessary to make a change in the ration the change should be made gradually, taking at least two weeks to make any radical change.

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