

milk for retail sale to have cows calve in the spring, and be "dry" throughout the winter. At the present time, however, a large number of dairies are operated most profitably during the winter for the purpose of supplying milk for butter and cheese making as well as for consumption in towns and cities.

Better Methods of Feeding

Feeding with the best results is a subject which requires much study and experience. Especially is this the case where winter dairying is practised. In the first place feed should be wholesome and palatable. Then care should be taken to have the nitrogenous and non-nitrogenous components properly proportioned. Just what feeds will be used depends largely upon local conditions, cost, availability, etc. Practical rations as fed in different parts of the country and reported by Woll are as follows:

New York, 20 pounds of hay, 2 pounds wheat bran, 2 pounds cotton-seed meal, 2 pounds hominy meal.

Vermont, 30 pounds corn silage, 10 pounds hay, 4.2 pounds corn meal, 4.2 pounds wheat bran, 8 pounds linseed meal. Wisconsin, 26 pounds corn silage, 10 pounds clover hay, 5 pounds oil meal. Most coarse fodders are low in nitrogenous component or protein; of these, the leguminous plants contain the highest percentages of protein. The concentrated feeding stuffs commonly used and containing the most protein, are cotton-seed meal, linseed meal, gluten meal, dried brewer's grains, wheat middlings and wheat bran.

Changes in methods of feeding which are especially marked at the present time include the growing use of ensilage and the increasing practice of "soiling" or cutting green feeds of different kinds and bringing these to the animals instead of allowing them to graze.

Work Being Done by Milk Commissioners in the Dominion

The very valuable work done by the Ontario Government Milk Commission is too well known to require more than a passing comment and we advise all members of our Association to secure a copy of their very comprehensive report which may be had on application to the Department of Agriculture. The work done by this Commission must be most valuable from an educative standpoint in helping to arouse interest throughout the province, in addition to securing better legislation.