

EXHIBITION CIRCULAR No 33:

DOMINION OF CANADA.
DEPARTMENT OF AGRICULTURE.

EXPERIMENTAL FARMS.

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DIVISION OF ANIMAL HUSBANDRY.

THE FEEDING OF LIVE STOCK.

BY

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ASSISTANT.

The following rations apply, in several instances, rather more to conditions as met with in Central Canada than to those of the Maritime and Western Provinces. The varying prices of foodstuffs, variation of seasons, and other circumstances materially affect the relative economy of rations. If you are interested further, write to the Animal Husbandry Division, Ottawa, or to the Superintendent of your nearest Experimental Farm.

CATTLE RATIONS.

FOR THE 1,000 POUND DAIRY COW (CENTRAL CANADA)
WINTER RATIONS.

RATION 1. Clover hay, 10 lbs; roots, 25 lbs; ensilage, 35 lbs; oat straw, 4 lbs. Meal mixture: bran, 500 lbs; oats, 200 lbs; barley meal, 200 lbs; oilcake meal, 300 lbs. Feed at the rate of 1 pound of meal to each 4 pounds of milk produced.

RATION 2. Corn ensilage, 40 lbs; alfalfa or clover hay, 10 lbs; oat straw, 5 lbs. Meal mixture: bran, 500 lbs; oats, 300 lbs; corn, 200 lbs; gluten meal, 300 lbs. Feed 1 pound meal mixture to each 4 pounds of milk produced.

(In the case of the above rations where corn ensilage could not be procured, roots would of necessity be the succulent component and might be increased to 50 lbs. per day.)

WESTERN CANADA.

RATION 1. Corn ensilage, 30 lbs; Western rye-grass 10 lbs; oat chaff, 10 lbs. Meal mixture: bran, 300 lbs; oats, 300 lbs; flax, 200; small wheat, 200 lbs.

RATION 2. Mangels or turnips, 30 lbs; brome hay, 10 lbs; clover hay, 5 lbs; oat chaff, 10 lbs. Meal mixture: oats, 300 lbs; barley, 200 lbs; small wheat ground, 200 lbs. With both of the above rations, 1 lb. meal to be fed to each 3 lbs. of milk produced.