

holding capacity. Beet pulp, measured similarly, increases its volume over 200 per cent. Most cereal grains, such as barley meal, by the same measure increase only by about 30 per cent upon wetting. Thus, in this characteristic, potato pulp acts more like beet pulp than cereal grains. These two factors, the swelling capacity of potato pulp and beet pulp and the fact that the roughage portions of the ration were ground and pelleted, may partly explain the loose feces condition noted in Experiment C-26, but which was not mentioned in the reports by the Canadian or Maine workers. If this be the case, then it is possible that larger percentages of potato pulp could be used if fed with more roughage.

From the calculations and comparison with the other feeds used in this experiment, when used at levels of 25 per cent or less in rations for fattening cattle the TDN value of potato pulp is $72 \pm$ one per cent.

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