

feared in the long-wooled varieties. It is a point well worthy of remembrance that all foods which promote perspiration produce a finer wool; in other words, foods which include the largest amount of nutritive matter in the smallest compass are generally the ones to be sought after most.

An excellent demonstration of the effect of different foods may be obtained in the following manner: Take two sheep of the same breed and covered with the same wool; feed one for fattening and the other for wool and breeding purposes, giving each equal chances in the lines intended, and marked indeed will be the variation in the variety of the wool from the first shearings. That from the fattened sheep will be longer than the other, but otherwise not near so good; it will be coarser and its elasticity less because the unfattened sheep will have preserved all the original qualities of its fleece. At the second, third and fourth shearings these points will be more and more noticeable. Consequently, if this difference in the diet be continued up, say, to the third generation, no one short of an expert can tell—and even he might be puzzled—that the offspring had come from the same stock. Such, at least, were the results where these experiments were conducted.—*Fred O. Sibley, in Ohio Farmer.*

Provincial Spraying Experiments.

The experiments in spraying for this season, conducted by W. M. Orr, Fruitland, Ont., superintendent, began on April 25th for the Eastern division and on April 26th for the Western division. This is the first application for 1899.

MESSRS. GEO. BENNETT & PARDO, of Charing Cross, Ont., have recently erected a modern hog pen, some particulars of which will be of interest. The pen is 30 x 50 feet, the walls being of solid concrete twelve inches in thickness, eight feet in height, with six feet of a frame on top for storing feed and crating hogs for shipping. This building has been a great source of satisfaction during the winter. Sows have farrowed in it when the thermometer indicated a temperature of 17° below zero without being affected in the slightest degree by the cold. The hogs have grown better and taken less feed than ever before, and as many as seventy can be comfortably housed in the pen. We hope to give an illustration of the building in a subsequent issue.

Publishers' Desk.

The disowning of lambs after dipping is a serious drawback to dips of a strong smelling nature. The Cooper Sheep Dip is not open to this objection because it is odorless. It is the same color as the wool and therefore preserves its natural appearance.

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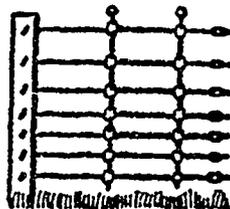
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