

fore setting than is commonly practiced. In preparing the pepsin solutions, one pound of pepsin was dissolved in one gallon of water.

**Conclusion.**

Summing up all the tests made between February 23rd and May 10th, we would say that in using pepsin, the best results were secured by setting at a temperature of 56 degrees and using enough pepsin to coagulate the milk ready to cut in from 25 to 30 minutes. Setting the milk at temperatures over 56 degrees increased the loss of fat in the whey in nearly every case.

The loss of fat in the whey was lessened by increasing the quantity of pepsin per 1,000 pounds of milk from four ounces to 5½ and six ounces.

Developing the acidity in the milk so that the curd dipped in less than two hours and fifteen minutes from time of setting, increased the loss of fat in the whey to a marked extent.

It was found advisable to allow the curd to get fairly dry before cutting, but there was no advantage in letting it get overly firm.

In some cases the whey from milk set with pepsin tested lower in fat than the whey from milk set with rennet extract. It seems, however, that varying conditions in the milk from day to day as found in every-day factory work affect the loss of fat in the whey to a greater extent when pepsin is used than when rennet extract is used. Therefore, the greatest care must be exercised in cutting the curd and stirring it while cooking when making these with pepsin.

**Record Prices for Wool**

RECORD prices have been secured for over 100,000 pounds of wool, sold cooperatively by Ontario farmers under the auspices of the Ontario Sheep Breeders' Association, Mr. B. W. Wade, Secretary-Treasurer, recently by the state of the sales, which were made by tender. Prices averaged well over 60 cents a pound, which is believed to be the highest in the history of Canada. In 1913, before the war, wool sold at 12 to 15 cents per pound, in 1914, at 20 cents; in '15, at 27 cents; in 1916, at 32 cents.

Prices for 1917, as given by Mr. Wade, were as follows:

Grade.	Approximate Probs.	Weight, lbs. per lb.
Fine medium combing ..	3,600	67c
Medium combing .....	83,000	67c
Medium clothing .....	7,000	67c
Low medium combing ..	43,000	62½c
Coarse .....	90,000	67c
Laure .....	4,300	57c
Woolace .....	2,200	57c
Grey and black .....	1,200	46c
Larks and pieces .....	100	24c
Waste .....	4,800	26c
Washed wool (small lot) .....	750	26c

**First Cooperative Sales.**

This is the first year the farmers of Ontario have sold wool cooperatively. Over 1,600 of them participated in the scheme, which was worked out in the Department of Agriculture, and shipments were made to the Winter Fair Building at Oshawa, where the wool was graded by an expert, and buyers for the leading wool merchants of the Dominion came to inspect the offerings and submit tenders.

"The sharp advance in price is due to the war and the demand for wool to make uniforms for the millions of men in the allied armies," said Mr. Wade. "With the entrance of the United States into the war the demand for wool has greatly increased, as every soldier in the American army will have two, if not three, uniforms."

The wool sold cooperatively was valued at about \$139,000. Ontario's annual output is about 2,000,000 lbs.

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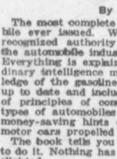
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