

Effect of Heating on Separation

(Continued from page 22.)
will perhaps be possible to find before long a definite solution on scientific grounds of the question of the best temperature for pasteurization. Certainly the determination of the rapidity of the natural separation of cream combined with the bacteriological analysis of heated milk will be of the greatest value in examining the various processes for the pasteurization of milk—Bulletin of Foreign Agricultural Intelligence.

Sheep and Bees and Honey

By Rev. J. M. Lewis.

Bob was a shepherd who pastured twenty sheep. They browsed around the meadow where the grass was long and deep; but when the leaves had fallen and November winds were chill, out in the open meadow they could not get their fill. Bob he kindly put them in a well-protected shed,



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th hay enough to feed them in the summer up overhead. The seed kept coming down, and it lodged amidst their wool, and there it safely stayed till the April moon was full.

And then went those matrons out in the rain, you know, and in less than twenty days the seed began to grow; and it grew and kept on growing like the bean in fairy song, till the grass upon their backs was at least two

inches long. And Bob, he expected that, later in the year, the fragrant clover blossoms would certainly appear.

The moral of this tale is clear to every eye—that by judicious management (if a person cares to try), he may with little trouble when the days are warm and sunny, have the sheep supply the nectar for the bees to make the honey.

Market Review and Forecast

TORONTO, May 23.—The late opening of the spring season, followed by continued wet weather, has made this the latest seedling experienced in many years. It was estimated on May 24th that less than two-thirds of the grain was in the ground, only on high or light soils will seedling be completed even in a reasonable time. Reports coming in from the counties indicate that practically no seed is in the ground in some of the low wet districts. Some farmers are desiring to seed late, but are intended for hay, when such happens to be on higher parts of their farms. Warm weather will do the dance of moisture already in the ground would, however, soon make up for the delay, and farmers are still optimistic in most sections regarding the prospects of a good harvest.

Seedling reports indicate that the West has recovered to some extent from the lateness with which the spring opened up. The last fortnightly crop bulletin issued at Regina shows that on May 15th 90 per cent. of Saskatchewan's wheat crop was in the ground, that some of it was coming through, instances being reported of wheat having attained the height of three inches in Alberta, though the spring was late, conditions are more favorable. In Manitoba almost the same conditions exist as in Saskatchewan.

WHEAT.

The heavy crop of last year has not yet been all marketed, and receipts at terminal points also indicate that considerable wheat is being marketed at local elevators. Indications from all quarters indicate a considerable falling off in the acreage under wheat this year, 25 per cent. being the estimated reduction in Dakota and Minnesota, with at least an equal falling off in Western Canada. In spite of this the wheat market shows

considerable weakness, though it recovered somewhat from the decline of the first part of the week. No. 1 Northern is now quoted at lake ports at \$1.32; No. 2, \$1.30; No. 3, \$1.16; Ontario wheat No. 1, \$1.16; No. 2, \$1.14; No. 3, \$1.01; No. 3, \$1.01 to \$1.03; feed wheat, \$2c to \$3c.

COARSE GRAINS.

In spite of the large crop of oats last year local demands appear to have been sufficient to absorb available supplies. Dealers have found a healthy market for feed oats and at a premium for good stuff. Corn suffered a bad break. Quotations are as follows: C. W. No. 2, 53½c; No. 3, 52½c; No. 1 extra feed, 51½c; No. 1 feed, 51c; Ontario oats, No. 2, white, 48c to 49c; American corn, No. 2, 78½c; Canadian, feed, nominal; No. 2, nominal; per car lot, \$1.70; according to sample, \$1.25 to \$1.50; buckwheat, No. 2, 78c; No. 1, 79c; No. 1 commercial, 78c to 79c; No. 2, feed, 78c to 79c; No. 3, 78c; No. 4, 77c; No. 5, 76c; No. 6, 75c; No. 7, 74c; No. 8, 73c; No. 9, 72c; No. 10, 71c; No. 11, 70c; No. 12, 69c; No. 13, 68c; No. 14, 67c; No. 15, 66c; No. 16, 65c; No. 17, 64c; No. 18, 63c; No. 19, 62c; No. 20, 61c; No. 21, 60c; No. 22, 59c; No. 23, 58c; No. 24, 57c; No. 25, 56c; No. 26, 55c; No. 27, 54c; No. 28, 53c; No. 29, 52c; No. 30, 51c; No. 31, 50c; No. 32, 49c; No. 33, 48c; No. 34, 47c; No. 35, 46c; No. 36, 45c; No. 37, 44c; No. 38, 43c; No. 39, 42c; No. 40, 41c; No. 41, 40c; No. 42, 39c; No. 43, 38c; No. 44, 37c; No. 45, 36c; No. 46, 35c; No. 47, 34c; No. 48, 33c; No. 49, 32c; No. 50, 31c; No. 51, 30c; No. 52, 29c; No. 53, 28c; No. 54, 27c; No. 55, 26c; No. 56, 25c; No. 57, 24c; No. 58, 23c; No. 59, 22c; No. 60, 21c; No. 61, 20c; No. 62, 19c; No. 63, 18c; No. 64, 17c; No. 65, 16c; No. 66, 15c; No. 67, 14c; No. 68, 13c; No. 69, 12c; No. 70, 11c; No. 71, 10c; No. 72, 9c; No. 73, 8c; No. 74, 7c; No. 75, 6c; No. 76, 5c; No. 77, 4c; No. 78, 3c; No. 79, 2c; No. 80, 1c; No. 81, 0c; No. 82, 0c; No. 83, 0c; No. 84, 0c; No. 85, 0c; No. 86, 0c; No. 87, 0c; No. 88, 0c; No. 89, 0c; No. 90, 0c; No. 91, 0c; No. 92, 0c; No. 93, 0c; No. 94, 0c; No. 95, 0c; No. 96, 0c; No. 97, 0c; No. 98, 0c; No. 99, 0c; No. 100, 0c.

MILL FEEDS.

Quotations on this market remain unchanged. Bran, 35c; shorts, 35c; middlings, 35c to 37c; feed flour, \$1.70 to \$1.75 a bag. At Montreal bran is quoted \$34; shorts, 35c; middlings, 35c to 37c; molasses, 35c to 37c.

HAY AND STRAW.

Quotations on hay have dropped slightly from those of last week, local merchants now paying \$20 to \$22 for best grade, \$17 to \$18 for low grade; baled straw, \$17 to \$18. At Montreal No. 2 hay is quoted \$20 to \$21.

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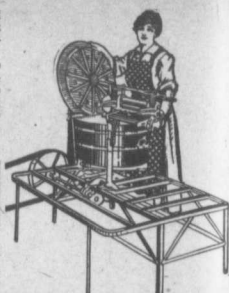
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