

concerns average \$43.64 for cost of production, and \$7.31 for cost of delivery per thousand loaves, or a total of \$50.95.

Three prizes were given, the total estimated cost of the first successful competitor being \$52.96; the second, \$52.04, and the third, \$50.84. As these estimates are well worth the study of consumers and the trade alike, we reproduce the one that won the first prize, as follows:—

COST OF PRODUCING 1,000 TWO POUND LOAVES OF BREAD.

J. D. Wright, Hamilton, Ont.

7½ bbls. of flour, at \$5.00.....	\$37 50
1½ lb of yeast, at 30c.....	45
225 lbs. of coal, at \$4.50 per ton.....	50
20 lbs. of salt.....	10
Rent of bake shop, including water rates, at \$5 00 per month, for one day.....	18
Gas for lighting.....	5
Wages, etc., two men and a boy, at \$12, \$10 and \$3 per week, for one day's work.....	4 17
Wear of things and extras.....	15
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Total cost of manufacture.....	43 10
Cost of delivering one thousand loaves in one day— 15 hours' work :	
4 drivers, at a salary of \$9 per week.....	6 00
4 horses, with 4 quarts of oats per meal each, oats at 30c per bush.....	48
13 lbs. of hay each per day, at \$6.00 per ton.....	17
Shoeing, straw for bedding, wear of harness, wag-gons, etc.....	60
Rent of barn, at \$3 per month, one day.....	10
For small extras allow.....	15
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Total cost of delivering.....	\$7 50
Collector and bookkeeper at \$7 per week, one day..	1 16
Expenses of billheads and books.....	10
500 loaves at 11½.....	\$57.50
Allow two per cent for bad debts.....	1 15
Summary—	
Manufacturing.....	\$43 10
Delivering.....	7 50
Collector.....	1 16
Stationery.....	10
Bad debts.....	1 15
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Total cost.....	\$52 95

The examiners found that the rate of seven and a half barrel of flour to the thousand two-pound loaves was borne out by the majority of the estimates, so that this establishes a rate of 66½ loaves of four-pound bread to the barrel; and it may be taken that the average cost of producing 1,000 two-pound loaves, in ordinary baking establishments, when flour is \$5.00 a barrel, is \$51, or about five cents per loaf.

For the special benefit of the consumer, however, in considering the present profit of the baker, it is to be borne in mind, that the cost of flour would now be only about \$4.25 per barrel, a difference of 75 cents in the barrel, and about \$5.60 in the cost of material for the thousand two-pound loaves, which brings the total cost down to \$45.40, or about 4½ cents per loaf. As the general retail price of the two-pound loaf in Montreal continues at eight cents, in spite of the reduction in flour, it will be seen that the present clear profit of the baker, according to the above calculations, by one of the most expert bakers in the country, is the enormous one of 77½ per cent. Even if the above profit is a just one where credit is given, surely six cents ought to be enough for the cash customer to pay, as this charge shows a profit of exactly 33½ per cent. It will be noted that the successful competitor, a Hamilton baker, charges out 500 four-pound loaves at 11½ cents, when the flour costs \$5.00 a barrel, a very different sum to the Montreal price of 16 cents now that the flour costs only \$4.25 a barrel. At St. Thomas, Ont., the present price of the four-pound loaf is ten cents, and at Simcoe, nine and a half cents.

The Dairy-School, at St. Hyacinthe, is now in full swing; lectures, by MM. Chapais, G. Henry, Leclair, Castel, and others, are delivered to crowded audiences, composed of managers of creameries and cheeseries, candidates for inspectorships, and former students who desire to refresh their memories. The programme comprises three principal parts:

- 1st. Teaching of the best methods of Milk production, both in winter and summer; Butter-making and cheese-making; And milk testing.
- 2nd. Preparation of inspectors for syndicates of butter and cheese-factories, organized or to be organized.
- 3rd. Experimental test of the new types of machinery and apparatus for dairies and of the new methods of manufacturing dairy products, and investigation on progress to be made in dairying.

We have received a copy of a text-book on "Agriculture, for use in schools," compiled by Mr. Charles C. James, M.D., Deputy Minister of Agriculture for the Province of Ontario. Mr. James was formerly Professor of Chemistry at the Agricultural College at Guelph, and there can, on the