

section have not had the drought experienced farther west and were therefore able to get their young birds in good shape. The quality all through was good, there being in many cases only the prize-winning birds at other fairs shown. The number of turkeys, ducks and geese was double that of other years and very good in quality as well. The superintendent in this department, Mr. E. H. Benjamin, is deserving of credit for his efforts in making up so fine an exhibit.

There was a large and good exhibit of pigeons. George Ward & Co., Ottawa; H. B. Donovan, Toronto; W. T. McBride, Cote St. Paul, Montreal, all figured prominently in the prize lists. There was a fair show of peacocks, rabbits and other fancy stock. The regular classes in the department were the ones securing most attention from the visiting public. In Brahmas, Thorpe & Scott, London, and Sage & Garside, of the same place, were the chief exhibitors in dark colors, while the lights had a more varied lot of exhibitors, Hugh Wyatt, London, being first. A. P. Mutchmin, Ottawa, had a good share of prizes in several varieties, as had also Dr. A. W. Bell, Toronto. There was a large display of barred Plymouth Rocks. G. W. Miller, London, getting some firsts, with Devlin & Jacques, Ottawa, and I. Mackenzie, Ottawa, with good birds. The show of Buff Rocks was not equal to that at London. There was a fine show of Wyandottes. In Hamburgs W. H. Reid, Kingston, and V. Fortier, St. Therese, Que., had a fine lot of birds, while in pencilled Hamburgs I. W. Neilson, Lynn, did well with his exhibit. C. J. Daniels, Toronto, had some fine Polands. G. S. Oldewg, Kingston, won in several classes, more especially in Bantams.

### Dairy Products.

There was a fair exhibit, though there was a much smaller exhibit of cheese than one would expect to see at Ottawa, so near some of the leading dairy sections in Eastern Ontario. The exhibit of butter was, comparatively speaking, considerably larger than that of cheese. The large refrigerators built for this exhibit were pretty well filled, there being a large increase over the number shown last year. A good many Quebec creameries exhibited, and the quality of their exhibit was very good. The judge, Mr. J. W. Hart, Superintendent Kingston Dairy School, pronounced the quality of creamery butter made in the Ottawa section as being especially fine owing to the cows having plenty of grass. And what was somewhat unusual the private dairy pound prints were better in quality than the creamery prints, but the dairy 25 and 50-lb. tubs were not uniform in flavor.

The sweepstakes cheese far out-classed every other cheese shown in point of quality. The colored cheese was a little high flavored. The quantity shown was not up to other years, but the quality, on the whole, as reported by the judge, Mr. A. F. MacLaren, M.P., was very much superior to that of other years. Miss Mary Morrison, Newry, Ont., carried off the sweepstakes prize. Other leading winners were: R. Elliott, Dunrobin; F. J. Irvine, Antrim; John Stewart; A. A. Ferrier, Oseda; D. Cumming, Russell; and A. D. Perry, Camden East. In the creamery butter section the chief winners were; I. Wenger, Ayton; H. W. Farry, Compton, Que.; Lennoxville Creamery Co.; W. & P. McLary, Compton, Que.; David Moir, Almonte; and J. D. Malcolm, Sheffield.

The accommodation provided was good if all the exhibits in this department had been placed in the dairy building. As it was the honey, domestic exhibits, etc., were placed in this building and shut out several dairy supply exhibits that had to go to other parts of the grounds. Two dairy supply firms were located at the farthest end of the machinery hall and one in the carriage building. If the dairy building were given up fully to the dairy and its interests the exhibits at Ottawa, in this line, would have formed a most attractive exhibit. An exhibit of unusual interest in this line was the radiator butter-maker, a combined separator and churn lately imported from Sweden.

It will take the milk directly from the cow and convert it into butter in fifty-five seconds. With all this improvement in dairy appliances, etc., we hope our fair managers will soon come to understand that the dairy industry of this country is a growing one and is constantly requiring increased accommodation.

### Fruit, Vegetables, Etc.

The horticultural building was one of the most attractive on the grounds, and it is a pity it could not be placed more centrally. There was a splendid array of flowers nicely arranged, the whole making a very fine display. The apples were smaller in quantity than other years, though the quality was fair. The vegetables were about the same as last year in both quality and quantity.

### Central Experimental Farm Exhibit.

Without doubt one of the most tasty and attractive exhibits on the grounds was that made by the Central Experimental Farm, Ottawa. This exhibit was located in a special building near the main entrance which it occupied in conjunction with an exhibit of North-west grains made by the Canadian Pacific Railway. The exhibit was designed and arranged by Mr. W. H. Hay, accountant at the farm. Mr. Hay is an adept at a thing of this kind and never stops half way. It was he who designed and arranged the splendid exhibit made by the Farms at Omaha last year and which won first place. The Ottawa exhibit consisted of an array of grains and grain in straw, fruits, pumpkins, potatoes, tomatoes, etc., so arranged as to give pleasure to the eye and to attract attention of the visitor at once. In addition to this a number of very striking cartoons designed by Mr. Hay were hung along one side of the building. One illustrated some of the farmer's worst enemies, such as injurious insects, for which remedies could be secured at the Experimental Farm. Another showed the value of spraying. A third illustrated the value of clover as a fertilizer in a very striking way. On the same field part of the land had been sown to clover, which was plowed under and gave a yield of fifty-five bushels of oats per acre, while on the other part where there had been no clover, only forty-six bushels per acre was secured. Another cartoon illustrated the value of ensilage and named some of the varieties of corn which gave the best results. These were the Champion White Pearl, New White Cap, Yellow Dent, Canadian White Flint, Longfellow, Angel of Midnight, Mammoth Cuban and Cloud's Early Yellow. Another illustrated Canadian dairy exports for 1898 which were in value \$17,572,263 for cheese, and \$2,046,686 for butter, and still another the value of our egg exports for the same year which was \$1,255,304.

## CORRESPONDENCE

### Works all Right.

To the Editor of FARMING:

In reply to your letter for information in regard to the blower cutting box I would say that it does its work all right. I have used it one season with the best of satisfaction in regard to its work. The fans that elevate the ensilage are attached to the drive wheels, thus causing the drive wheels to run very fast. That is the only thing I have to find fault about. I will answer the questions in rotation as you ask them.

(1) Yes. (2) Twelve-horse threshing engine. (3) No, not with this engine; never used anything else. (4) We elevate thirty feet; I think it would blow it forty. (5) In my opinion, the blower is ahead of the carrier; everything goes into the silo regardless of a windy day, but not so with the carriers unless they are covered on top, as the wind will blow the leaves or light stuff around. Ours is a 13-inch throat box. Mr. Thom, of Watford, makes a 16-inch box, but I do not know how it works. No doubt it will feed faster.