

bred horse did well to stand so high, but he deserved the honor, and Miller's horse has made himself a great favorite in his district. A good horse in this class, but who had to show at a disadvantage, owing to the disgraceful condition of his stable, was Gartscherie Blend, shown by Campbell Bros., Walker's, Ont. He is a right solid fellow, and one much admired.

The four-year-olds were about as strong in numbers as the aged class, but there were hardly as many real flash candidates for the best rosettes. Right at once J. B. Hogate's Gallant Chattan and J. M. Gardhouse's Royal Kerr went to the top, and after considerable deliberation were left in that order. The first horse was shown in the very best possible condition, and has a very flash way of going, covers the ground fast, and lifts his feet clean and high. All over he is a good sort, but he can be faulted for going just a little wide in front. Royal Kerr is a taller horse, and is one of the kind that will wear well. He was just brought out in good keeping condition, but is as smooth and clean as could be. His legs are particularly good, as also are his feet and pasterns. Marlborough, owned by Geo. Isaac, was selected for third place. He is one of the massive kind, set on good legs and feet. J. B. Hogate's Nation's Pride, an immense draft horse, took fourth position. His size would probably make him one of the most valuable horses in the show to get heavy draft geldings. Alex. McGregor, Uxbridge, exhibited the fifth-prize horse. Royal Knockdon, by Mains of Airies, dam Lord Erskine (1744). Sixth award went to T. H. Hassard's Wallace Scott, a colt that will improve with a little attention, as he showed rather soon after his ocean trip. All the horses in this class were imported; the entry was large, twenty in all, but about half of the number did not reach the show.

The three-year-olds made the largest class of the show. Something like twenty presented themselves before the judges, and it was no easy matter to select the best. When the line was finally formed, Graham Bros.' Yester and Cairngaan were first and second; T. H. Hassard's Gallant Barrie third; O. Sorby's Scottish Baron fourth; J. B. Hogate's Bounding Tom fifth, and Sorby's Roslin sixth. Yester has outstanding quality of bone, feather and muscle, but lacks in size, and it was this lack that discounted his chances for championship. His top, quarters and action are very attractive, and besides he is a son of Baron's Pride. His stable mate that got the blue, is quite a different type of horse, big, growthy, and with very drafty limbs, without sacrificing much of quality. For the use of the Canadian he is, perhaps, the better horse, but is scarcely as good a shower. Gallant Barrie is still an unfinished colt, but promises well. He will be just a good average size, and had them all easily beaten at the paces. He is got by Prince Thomas. Scottish Baron is another Baron's Pride, rather a low, soggy colt, quite fine in the bone and a very good actor. All the winners in this class have been imported since last fall.

Only two entries appeared in the two-year-old class, the foals of 1902. Baron William (Graham Bros.) was quite easily first. He is one of the biggest Baron's Prides we have seen, and was sold to Jas. Mitchell, Winnipeg, for a long figure. The second horse was Montrave Senator, a Canadian-bred colt, bred and exhibited by L. S. Bowles, Springville, Ont. He is a solid, stylish fellow, but might improve a little in his action.

In picking the champion Clydesdale from the four classes of winners, the judges could not get over Hassard's Gallant Robert, the first-prize aged horse, and "Jock" Anderson had him resplendent and on his best behavior. Naturally, the clever groom was highly elated when his protégé received the highest honors, and "Jock" went away with that stolid Scotch expression so characteristic of one of the race when his skill has been vindicated. Last year "Jock" had the honor of fitting the champion Cairnhill for shows.

Canadian-bred Clydesdale or Shire stallions had no entries in the senior section, but the three-year-olds were quite strong. Several of the entries, however, showed at a great disadvantage, having to travel from different parts of the town to the show-ring in slush, and some of them scarcely off a long journey on train. The first award went to W. E. Gooderham, Wexford, on Prince of Wexford, a Prince of Blantyre colt, which combined nicely the show-ring points of quality, style and substance. Bonnie Macqueen, by Macqueen, got second for Graham Bros. He had the Macqueen characteristics, and showed well. Novar, by Uamvar, took third station for Davis & Graham, of Schomberg, the same exhibitors also winning fourth on Brookdale, by Vanguard.

The two-year-olds made a good show, Messrs. Spark and Gray placing the awards, and giving reasons.

Cairnton's Pride, by Royal Cairnton, bred and exhibited by John Vipond, Brooklin, Ont., was placed first. He is a very nice, fine quality colt, and is quite a favorite all through. Next was Macqueen's best, bred and shown by Macqueen, a bigger and stronger colt, and

one that will make good. Another Macqueen colt, owned by Hodgkinson & Tisdale, got third position. He was the best-topped and heaviest-bodied horse in the class, and only went down for the want of a little quality. For a time Matchless, owned by D. Carstairs, Bomanton, stood second, but was finally moved to fourth. He is a breed-looking fellow, but might improve in the back, and, of course, has the kind of feet commonly seen in Canadian classes, too small.

MARES.

In the aged class for imported Clydesdale mares and those tracing to imported stock, Robt. Davies showed a splendid pair. First in the class was Her Pretty Sel, bred by Robt. Holloway, Ill., and purchased by Mr. Davies last fall. Next to her stood Nelly Lynedoch, one of Davies' own breeding. Both are big, clean, strong mares, very active and showy. T. H. Hassard got third on a mare just imported. She is not yet made up, but promises to develop into one of the best of our show mares. Her Pretty Sel landed the championship for Clyde mares at the closing events.

When the call for fillies under three, A. Aitchison, Guelph, had the first two places quite easily with Royal Princess and Royal Belle, imported last year by T. H. Hassard. They are a very fine pair of clean-limbed, active mares, sired by Royal Carrick. Third and fifth places went to R. Davies on Belle Troon and Loretta, both Lyon Macgregor fillies. Hodgkinson & Tisdale bred and showed the fourth-prize mare, Helen Macqueen, by Macqueen. Smith & Richardson and J. I. Davidson had entries in this class, but could not get them forward.

Canadian-bred Clydesdale or Shire mares over three years had three entries. First place went to Daisy Belle, owned by Alex. Doherty, Ellesmere, a big, massive mare, and a great actor. Her four-year-old daughter, Sweetheart, was a good second. She is not as heavy as her dam, but a little finer in the bone. Both are chestnuts. Arabella Craichmore, owned by Hodgkinson & Tisdale, a big brown mare, with good feet and legs, but rather light in the body, and a little plain looking, got third. The next class under three years old was headed by Daisy Macqueen, and third place was taken by May Macqueen. The two mares are a very sweet pair, and were openly admired. J. M. Gardhouse got a nice brown filly, Lady Burnstone, in second place. She is a nice quality mare, and like the other stock at the Weston stables is got up as much for utility as for show. Fourth place reverted to the Beaverton stables on Lucy Lynedoch. Messrs. Hodgkinson & Tisdale have been showing good judgment, and have had considerable success in the breeding and showing of their females of late.

SHIRES.

Three good Shire stallions came out when the call for the aged class was made. Two of them were Morris & Wellington's well-known horses, Bank Statesman and Mr. B. They are keeping their form well, especially the former, who is a very agile horse for his size. These two were placed in the order named, and Geo. Isaac's Imp. Gallant Prince, by Harold Conqueror, made a good third. The three-year-olds were the real Shire sensation of the show. There were seven entries made, and every one came out making what was considered the best class of Shires yet seen in Ontario. J. M. Gardhouse led out the victor, Sand Boy, and a right kind he is. Feet and legs are right quality, and his top is evenly proportioned every place. He has plenty of stamina, and shows it when he is going. He was imported last fall by Bawden & McDonnell, Exeter, but Mr. Gardhouse appears to know how to pick a winner. The horse that stood second, Nateby Pioneer, imported last fall by J. B. Hogate, in very many respects crowded Sand Boy hard. He has a much more pleasing head, neck and body than the horse above him, but he showed the effects of a long ride on the cars, and was a little stocked when shown. Taking him all over, he is about the most attractive Shire yet imported. His sire was Gunthorpe Advance. Next to him stood Baron Albert, just off the boat for Morris & Wellington. He is a horse that will improve a great deal, and considering his recent trip did remarkably well to reach third place in such a class. His feet and limbs are right, and when he gets filled he will be still harder to beat. The fourth prize went to Nateby Twilight, a half-brother to the second-prize horse. He is hardly as big as those above him, but he is right in every way, and a great credit to the breed in Canada. A splendid good horse, just shown in keeping condition, was John Gardhouse's Culeshill Royal Albert, a big, rangy black, with white points. He acts well, and has great massive limbs, but as he is a big fellow he has not filled out. Great things are expected of him later on. Sparkle, another of J. M. Gardhouse's horses, took sixth place, and Morris & Wellington's Coronation made up the lot.

There was a \$25 cup given for champion Shire stallion, which Sand Boy succeeded in landing.

MARES.

There were not many Shire mares out. In the aged class the struggle was between John and J.

M. Gardhouse's Laura and Louise, both right good mares, but the first mentioned won in her class, and afterwards the championship. Lady Luetta, shown by J. M. Gardhouse, was alone in the next class. She is one of last spring's tilly foals, and a sweet one too.

A class was provided this year for geldings, three years and over, to be sired by a registered Clydesdale or Shire stallion. The section had a good large entry, and aroused considerable interest. Bobbie Burns, exhibited by Alex. Doherty, a great solid Clyde, good all over, but a little off in hind legs, got first. Bob, by Lawer's Baron Gordon, a close-knit fellow, owned by J. W. Cowie, with good sloping shoulders and good muscling, came next, and Chief, by Haddo Chief, owned by J. A. Starr, got third. Chief is one of the kind that wears well and makes the good workers.

On the evenings of the show days the horsemen met in the Repository, and discussed matters pertaining to horse breeding, with more or less profit to all. While the show was well attended, and every possible facility granted exhibitors at the Repository, still the accommodation is at best very limited, and before next spring it is to be hoped that a permanent home will have been built for the show.

New Spring Wheats.

Only a fraction of the grain-producing areas of Canada have yet been developed. The fertility of the land, its vast extent and the proximity of Canada to Great Britain unerringly indicate that the Dominion will yet produce a great proportion of the wheat and flour that will feed the millions of the motherland. Dr. Wm. Saunders, Director of the Dominion Experimental Farms, one of the most careful agricultural investigators in the world, to-day writes us that "the possible wheat-growing area in Canada is so large that wheat must eventually become one of Canada's chief articles of export." Convinced of this, Dr. Saunders and his staff have been at work for years developing new cross-bred spring wheats, in order to produce heavier yielding varieties of high milling qualities. There is no doubt that our "Manitoba No. 1 hard," as the Western Red Fife is commonly designated, ranks as the finest wheat in the world to-day, but some seasons being late in ripening, early frosts injure the grain, and hence the call for an earlier-maturing sort. The Red Fife has been crossed with Ladoga, an early-ripening Russian variety, from which have come the twin varieties Preston (a bearded wheat, amber-colored grain) and Stanley. Another new variety, Early Riga, was produced by crossing an Indian wheat, Gehun, grown on high Himalaya altitudes, with Omega, a Russian sort. It exceeds the Red Fife in earliness by over eight days, but its average yield (30 bushels 45 lbs. for four years on the plots of the five Experimental Farms), is 2½ bushels less than Fife. The Preston gave an average of over 34 bushels per acre on the plots during a period of nine years, exceeding Red Fife by 1 bushel 43 pounds per acre, and ripening nearly four days earlier. After several years' growing, samples of these new wheats as well as the Fife wheat were submitted for examination to the expert of the great Pillsbury-Washburn Mills, Minneapolis, Mr. Julicher; to Mr. Wm. Halliwell, London, Eng., a practical milling expert of 25 years' experience, and for analysis to Prof. F. T. Shutt, the Dominion Chemist. The details of their reports, given by Dr. Saunders before the Parliamentary Committee on Agriculture, and since published, are well deserving perusal, and show the new wheats to be rich in gluten and excellent for milling. At Indian Head, N.-W. T., they did particularly well. During the past five years 6,000 Preston samples have been sent out for trial plots by farmers throughout Canada. Dr. Saunders feels warranted in regarding it as superior to such sorts as Colorado and White Russian, commonly grown in Ontario. In looking over a list of some 48 farmers distributed over 33 counties in Ontario, all of whom have grown Preston wheat, 18 are reported by Dr. Saunders as growing over 30 bushels per acre, only three falling below 20 bushels per acre, the lowest being 15 bush. 15 lbs., and the highest 43. Five are reported growing at the rate of over 40 bushels per acre.

W. H. K. Talbot, of London Tp., Middlesex Co., informed us that he sowed on a tenth of an acre plot an 8-pound sample of seed received from Ottawa in 1902, from which he grew 3 bush. 16 lbs. of wheat, or 32 bush. 40 lbs. to the acre. Last year he sowed one bushel on half an acre, from which he sold 10 bushels thoroughly cleaned seed, weighing over 61 lbs. to the bushel. As it came from the machine, it would be put at 25 bushels per acre. The soil was light and sandy, and had grown the year before garden peas, and the year before tomatoes, no manure in either case. Mr. Talbot recommends it as a valuable sort for good wheat land.

Mr. Talbot applied at seeding, after rolling, salt at the rate of about 150 to 200 pounds per acre, which helps to hold moisture and stiffen the straw. He prefers a coarse-grained salt, so that it can be evenly sown.