

with soil. They will, under this treatment, form roots, and are then severed from the parent plant, and set to the nursery row, where they remain one to two years.

The red raspberry is propagated from suckers or root sprouts, while the black or purple raspberry is developed from tip-layering. The tips of the canes are bent down during the summer, and, after they have rooted are removed to the nursery, where they remain one to two years.

More care should be given to the development of strawberry plants for setting new plantations. These plants should be developed on a plot of ground specially prepared and enriched. This plot is called the propagating bed. If more attention were given to this seemingly unimportant detail, much better results would be had than is usually the case with strawberry plants purchased from many nursermen. These plants too often, are the small, poorly-developed plants that have formed late the previous season. They lack in vitality, and do not develop plants so early in the season. The sooner runner plants form, the greater chance there is for success, for, after all, our crop of strawberries is largely determined by the development of the plants the previous season. Probably none of our fruits receive so little attention in the development of the propagation stock as does the strawberry.

It is possible for even the most unskilled propagator to develop, with very little work, all the small-fruit plants he requires, and yet, as a matter of fact, very few people develop their own stock. I have myself seen old gooseberry and currant plants dug up and moved to a fresh

and less weedy patch, when half the work would have developed a young plant that would have given satisfaction for the labor.

Macdonald College, Que.

W. S. BLAIR.

Fruit Crop Prices.

A representative meeting of the co-operative Fruit-growers' Association of Ontario, comprising delegates from quite a number of local co-operative associations, was held in Toronto, September 5th. Full reports were considered in reference to crop, size of fruit, quality, etc. The general feeling of those present, in view of prices already received in various parts, and the condition of the crops, was that values would be somewhat higher than was anticipated. President Lick, reviewing the situation, stated that there was a big increase in Ben Davis, Greenings, Kings, Russets and fall varieties, but that Baldwins were exceptionally light. It was decided to recommend asking prices of \$2.75 per barrel for seconds, and \$3.25 for firsts, this being the minimum for a good pack of winters, including Snow and Greening, but not Wealthy.

New Brunswick Apple Exhibition.

The New Brunswick Apple Exhibition will be held at St. John, New Brunswick, Oct. 30th to Nov. 2nd, under the auspices of the New Brunswick Fruit-growers' Association and the New Brunswick Department of Agriculture. Thanks partly to the impetus supplied by A. G. Turney,

Provincial Horticulturalist, the fruit industry of the Province is pushing rapidly ahead, and the annual apple show reflects the progress most creditably.

THE FARM BULLETIN.

Provincial Weather Insurance for Fairs.

In a circular letter to the press, J. Lockie Wilson, Superintendent of Agricultural Societies for Ontario, draws attention to the amendment to the Agricultural Societies Act of the Province, referring to loss of gate receipts through bad weather conditions. The provision reads:

"If the Superintendent, on or before the 31st day of December in any year, receives proof by the joint affidavit of the President and Secretary or Secretary-Treasurer, that rain or snow has fallen at the place of holding an exhibition, and before three o'clock in the afternoon on any day of the holding of an exhibition, and upon his being satisfied that, as a consequence, the gate receipts were less than the average of the previous three years of holding the exhibition, the society shall be entitled to receive a grant equal to one-half of the difference between the gate receipts of the current year and the average of the gate receipts of the previous three years, but the amount to be paid shall not exceed three hundred dollars, and the total amount so paid to all societies shall not exceed ten thousand dollars."

THE CANADIAN NATIONAL EXHIBITION.

The National Exhibition, Toronto, closed on Saturday, Sept. 9th, with an attendance of some 97,000, bringing the total for the two weeks up to 916,000, about 79,000 over that of 1910, with an excess of receipts over last year estimated at \$40,000. At the closing luncheon, promises were forthcoming on behalf of the management and city council of more improved roadways about the grounds and better accommodation for live stock, which should, of course, include an adequate judging pavilion. Suggestions were also made by R. S. Gourlay, President of the Board of Trade, with a view to enhancing the educational value of the exhibition. Toronto and the Association can well afford to carry out large plans for its future improvement, for the double reason that they have necessary resources, and a reputation to sustain.

Horses.

CLYDESDALES.—Toronto exhibition brings out most of the best of this, the most popular draft breed in Canada, but in number this year's show was somewhat smaller than on some former occasions, nevertheless the classes were generally quite well filled, and the contest keen throughout. Stallions were not exceptionally strong, although some excellent individuals came into the ring. Some of the filly classes were very good, and the ribbons in these classes were in nearly every case won after a strenuous battle. John Bright, of Myrtle; John A. Boag, of Queensville, and Robert Ogilvie, of Chicago, formed the judging committee.

The chief exhibitors in the open classes were Graham-Renfrew Co., Bedford Park, Ont.; Smith & Richardson, Columbus, Ont.; J. D. Larkin, Niagara-on-the-Lake, Ont.; Hodgkinson & Tisdale, Beaverton, Ont.; T. D. Elliot, Bolton, Ont.; J. M. Gardhouse, Weston; A. G. Gormley, Unionville; Alex. Doherty, Wexford, and W. D. Forster, Markham.

Nine aged stallions faced the judges, and the winner was Graham-Renfrew Co.'s champion, Baron Kelvin (imp.), a very stylish, high-quality, five-year-old horse, got by Baron's Pride, and out of Maud of High Bourque. He has a short, strong back, strong loin, and high, level croup, is mounted on the best of legs and feet, showed strong true action at the walk and trot, and deserved to win. Next in line stood Smith & Richardson's Hyacinthus, a seven-year-old, by Royal Edward, and a right good thick-set heavy-bodied horse. Tom MacNab, a massive seven-year-old, owned by Elliot, came in for third money. Stallions over four years of age, importers excluded, brought out four very good animals, and after considerable deliberation the red was awarded to Jno. Davidson's Baron Charming, got by Lord Charming. He is a very stylish horse and got his proper place. Garty Forever, a very thick heavy-bodied horse, owned by W. J. Howard & Son, of Fairbank, was placed second, and Wm. Clayton's Craigisla had to be satisfied with third place. Three-year-old stallions were headed by the low-set, heavy, thick-bodied horse, Flisk Prince, by Marmion, exhibited by Graham-Renfrew Co. This firm also had out the second and third prize winners, two real high quality horses. Scottish Kipling, one of the best Clydesdales in the show, was placed at the head of a very strong string of ten two-year-old stallions. This colt

is a handsome brown, and has a combination of size and quality rarely seen in a two-year-old. His bone is flat and clean, he has a good oblique shoulder and pastern and the best of feet. Next in line came Smith & Richardson's Earl Dudley, by Royal Edward, a very strong colt, with great constitution and good quality throughout. Yearlings brought out only three entries, and were not a strong class. Geo. Miller won first on Scotland's Squire; Smith & Richardson taking second with Kelvin Pride, a colt sired by the champion, Baron Kelvin.

The nine three-year-old fillies were a credit to the breed, constituting one of the exceptionally good classes of the show, and the judges took considerable time in placing the awards. The outstanding winner was found in Alex. Doherty's May Queen, by Chief Everard, a black, which for quality could scarcely be improved upon. With her fine bone and feathering, and the best of Clydesdale feet, she has size and substance galore, and showed great style, travelling true, with a good even stride, and flexing the hocks well. She is as near perfect as any filly seen in many years. Graham & Renfrew got second on Purple Heather, a good filly, a little more upstanding, though not too much so—and a good mover. Smith & Richardson had the third-prize winner, in their fine filly, Bess of Langbarn.

Two-year-old fillies made perhaps the strongest class of the breed, thirteen facing the judges. The final line up showed Smith & Richardson's three entries in the lead. Grace Beddie, closely followed by Kate Beddie, both sired by Crossrig, were first and second, and Doll of the Brae third. These are a trio of very good two-year-olds, all three being excellent representatives of the breed. Smith & Richardson also won first money on a small class of yearlings with Miss Fernie, by Equerry, a colt that gives promise of developing into a good one. W. D. Forster, of Markham, won first in the brood mare with foal class, and Geo. Spearin, St. Mary's, won on foal.

The championship stallion class brought out the three Graham-Renfrew first-prize winners and Miller's colt, Baron Kelvin, the aged first-prize horse, winning easily. The champion female was easily decided in favor of the three-year-old, May Queen.

Awards: Aged stallions, open class—1, Graham-Renfrew Co., on Baron Kelvin, by Baron's Pride; 2, Smith & Richardson, on Hyacinthus, by Royal Edward; 3, T. D. Elliot, Bolton, on Tom MacNab, by Prince Thomas; 4, J. B. Hogate, Weston, on Manaton, by Marconi. Aged stallions, importers excluded—1, Jno. Davidson, on Baron Charming, by Lord Charming; 2, W. J. Howard & Son, Garty Forever, by Everlasting; 3, Wm. Clayton, on Craigisla, by Prince Thomas; 4, Patterson Bros., on Black Regent, by Dunure Freeman. Stallion, three-year-old—1, 2 and 3, Graham-Renfrew Co., on Flisk Prince, by Marmion; 4, Davidson and Royal Murtion (imp.), by Royal Edward. Stallion, 3 years old, importers excluded—1, A. G. Gormley, on Beau Ideal, by Rowallan; 2, A. E. Ratz, on Bridgebank Blend, by Ascot. Stallion, 2 years old—1, 3 and 4, Graham-Renfrew Co., on Scottish Kipling, Pre-dominant and Time Keeper; 2, Smith & Richardson, on Earl Dudley, by Royal Edward. Stallion, one-year-old—1, Geo. Miller, on Scotland's Squire, by The Squire; 2, Smith & Richardson,

on Kelvin Pride, by Baron Kelvin; 3, J. M. Gardhouse, on Rycroft Model, by Rycroft. Filly, 3 years old—1, Alex. Doherty, on May Queen, by Chief Everard; 2, Graham-Renfrew Co., on Purple Heather; 3, Smith & Richardson, on Bess of Langbarn, by Sir Marcus; 4, J. D. Larkin, on Lady Clio, by Scottish Crest; 5, Kerr & Davidson, on Lady Evan, by Sir Evan. Filly, 2 years old—1, 2 and 3, Smith & Richardson, on Grace Beddie, by Crossrig, Kate Beddie, by Crossrig, and Doll of the Brae, by Baron Ruby; 4, Hodgkinson & Tisdale, on Baroness Humphrey, by Sir Humphrey; 5, Sam Johnston & Son, on Sally Armstrong, by Prince Lawrence Marcellus. Filly, one-year-old—1, Smith & Richardson, on Miss Fernie, by Equerry; 2, Graham-Renfrew Co., on Irene; 3 and 4, Larkin, on Princess of Glencairn, and Blossom's Pride, by Fairlawn. Brood mare and foal—1, W. D. Forster, on Lady Chattan, by Gallant Chattan; 2 and 3, J. D. Larkin, on Craigleffoss, by Pride of Blacon, and Blythe Baroness, by Baron's Pride; 4, Geo. Spearin, on Euphemia, by Royal Chattan. Foal—1, Geo. Spearin, on Highland Lady, by Baron's Luck; 2 and 3, J. D. Larkin, on Blythe Elspeth, and Blacon of Up To Time, by Fairlawn. Champion stallion—Baron Kelvin. Champion mare—May Queen.

SHIRES.—Shires made a somewhat larger display than in previous years, and some very excellent animals were out. J. M. Gardhouse, after remaining out of the show-ring for a few years returned this year with some good horses, which increased the competition, and with Porter Bros. and John Gardhouse's fine horses made a good contest. The champion filly, Kitchener's Topsy, is a credit to the breed, and has size, substance and quality to suit the most fastidious. The champion stallion is also a great show horse, and the exhibit throughout was one that will go a long distance toward increasing the popularity of this heavy draft breed.

Awards: Aged stallion, open—1, Porter Bros., on Proportion, by Nailstone Ragged Jacket; 2, Hogate, on Falstaff III., by Lymm Harold. Stallion, 3 years old—1, J. M. Gardhouse, on Gillebrand Swell, by Brandon Drayman. Stallion, 2 years old—1, J. M. Gardhouse, on Nottingham David, by Dunsmore Optimism; 2 and 3, John Gardhouse & Sons, on Tuttlebrook King, by Buckingham King Harold; and Tuttlebrook Esquire, by Deighton Bar. Stallion, one-year-old—1, J. M. Gardhouse, on Tuttlebrook Fearless, by Sergeant 6th; 2, Porter Bros., on Sir Dewey, by Baron Kitchener, and Viola's Gem, by Admiral Togo. Filly, 2 years old—1 and 2, Porter Bros., on Tuttlebrook Sunflower, by Magemso Harold, and Tuttlebrook Ladylike, by The Hack King. Filly, one-year-old—1, J. M. Gardhouse, on Belle, by Horbling Arthur; 2, Wm. Pearson & Son, on Lucy of Valley Dale, by Holdenby Chief; 3, J. L. Reid & Sons, on Duchess, by Holdenby Turpin. Brood mare and foal—1 and 3, Porter Bros., on Tuttlebrook Fuchsia, by Rock's Hero, and Rose, by Pride of Hatfield; 2, J. Gardhouse & Sons, on Holdenby Nicausis, by Northgate Prince. Foal of 1911—1, J. Gardhouse & Sons, on Gay Prince, by Proportion; 2, Porter Bros., on Tuttlebrook Lorianne, by Baron Kitchener; 3, J. M. Gardhouse, on Neuriham's Prince, by Neuriham Duke. Mare with 2 of her progeny—1 and 3, Porter Bros., on Tuttlebrook Fuchsia, and Rose; 2, J. M. Gardhouse, on Megan.