

have gone to Swan Lake. In pairs, ram and ewe any age, Greenway got the coveted honor after some deliberation. The Shropshire men are to be congratulated on bringing their stuff out in better shape than the other shepherds.

OXFORDS.—While last year the two, Jickling and Jull, had it between them, the Souris flock this year made it interesting for all concerned. Tolton and Arkell blood coming into the fray again. In aged rams, Jickling won out, Wood getting second and third. In shearlings, Alex. Wood's entry was easily first, a big, upstanding sheep, well covered, with good constitution and well fleshed. Jull fell into second place, with Jickling third, the same order being observed in the ram lambs. The ram sweepstakes went to Wood. In aged ewes the Ontario man beat out the two Westerners with a pair of typical ewes, in rather better condition than the others. Shearling ewes, Wood took first with imported stuff, second with home-bred sheep, Jull getting third. In ewe lambs, a very good class, Wood won first, Jickling second with some home-bred ones, not quite as well fitted, or they might have been higher up, Jull getting the booby prize. The pen, first prizes went to Wood, second to Jull, third to Jickling; pairs, to Wood. The American Oxford Down Association's special on ewe to Wood, and on pen of lambs, to Jickling.

SOUTHDOWNS.—D. Fraser & Sons competed with W. M. Smith, from Scotland, Ont., and got some of the choicest bits. Aged rams, victory went to Frasers, Smith getting the other places. Shearling ram, ram any age, shearling ewes, the Ontario man secured, besides first and third on aged ewes and pens; Frasers getting second on pen and aged ewes.

DORSETS.—A beginner, Wm. Thompson, Emerson, ran up against the Ontario man, R. H. Harding, who has the temerity to show at Chicago and other big shows. In aged rams, Harding had first, second and third going to sheep of his breeding owned by Thompson; Harding won the bulk of the prizes. The specimens shown were rather below the standards obtaining in the other breeds, both as to fit and size.

FAT SHEEP.—Corbett got the big end of the money, Greenway being a close second. Gamley, Jickling and Lytle also got a piece of the money. The sheep exhibit could be improved by the use of rape, cabbage and some grain.

SWINE.

For the second year in succession this class was judged by Thomas Teasdale, of Concord, Ont., and, as usual, his work gave general satisfaction. As to entries and quality, the exhibit of swine was, in spite of the scarcity of feed and the comparatively small demand for breeding stock, quite up to the character of previous years. While the Berkshires, Tamworths and Yorkshires each put up a most creditable show, the Yorkshires appeared to predominate in strength of numbers and, perhaps, in average excellence.

BERKSHIRES.—The competition in this class lay principally between representatives from the herds of J. A. McGill, Neepawa, and the Hon. Thomas Greenway, Crystal City, with a few entries made by A. B. Potter, Montgomery, Assa., and James Ewans, Minnedosa. The Crystal City herd had the 1st-prize two-year-old boar in the Teasdale-bred Victor, of wonderful length and depth of side, carrying his thickness evenly throughout, with ample bone, standing well on his feet, and with a strong, masculine head. He was easily the sweepstakes boar. To the same exhibitor was accorded 3rd place on boar under one year and under six months, 2nd and 3rd on aged sows, with Brant Maid and Queen Esther, respectively; 1st on the yearling sow, Crystal Jean, a handsome, deep-sided, lengthy sow with great heart-girth, full flanks and deep, square hams, standing well on good legs. Greenway also won 1st on herd, boar and three females, any age, and 2nd on herd of four sows. J. A. McGill sent his entries forward in good fit, winning 2nd on aged boar with Lord Eden, a trifle short and rather heavy-shouldered, but with deep sides, full flanks and good hams; 1st and 2nd on yearling boars, with Duke of Clifford and Oxford Manitoba, respectively; 2nd on under one year, with The Baron, a rather short, plain entry; 1st and 2nd on two nice pigs, lengthy and even, in the under six months section; 1st and 4th on aged sows, with Charmer and Rosamond, Charmer, bred by the late J. G. Snell, sired by Baron Lee, not only won in her class but was pronounced the best sow, any age. She is a well-balanced sow, of great length, depth, and evenness throughout. McGill's entry also scored in sow under one year, and 2nd, 3rd and 4th in sows under six months; 1st on sow and litter with Jubilee Bet; 1st on herd, boar and three females; 1st on four sows, any age, with Charmer, Rosamond, Jubilee Bet, and Nora. A. B. Potter had but a few entries forward, and scored 3rd in aged boars on a rather short, thick-set hog of McKenzie's breeding; 2nd on yearling sow, and 3rd on sow and litter. A new exhibit-

or, Jas. Ewans, won 1st on a good, lengthy, even sow of Teasdale's breeding in the under-year class, and 1st on sow under six months.

YORKSHIRES.—The exhibitors in this class, and there was keen competition in almost every section, were: Hon. Thos. Greenway, Crystal City; Andrew Graham, Pomeroy; James Bray, Longburn; S. J. Thompson & Sons, St. James; A. B. Potter, Montgomery, and Brethour & Saunders, Burford, Ont. In the aged class, Greenway's Summer Hill Dreyfus, a fairly good hog in length, depth of side, evenness in flank and heart-girth, standing well on good timber, with a strong, masculine head and ear, was head of his class and also sweepstakes over all ages. He was pressed hard for position by Graham's imported Summer Hill Premier, a hog with excellent back, good length and depth of side, standing on good legs, with typical York head; 3rd went to Brethour's Oak Lodge Charmer 2nd. In yearlings, Potter's entry, Jim Hill, a good even hog, of typical character, won out, with Graham's Forest Home Premier, a smooth hog, but much younger, in 2nd place, with Thompson's St. James Swell following. Brethour & Saunders had the winner under one year old. In the under six months class, Graham won 1st and 4th on the Marjory pig, First Prize, a lengthy, level youngster, standing squarely on a good set of legs. The Ontario entry was 2nd, with James Bray's Cronje, 3rd. The nine aged sows turned out in the paddock were a great lot, and yet they varied from the modern long, deep-sided, bacon type to that of the short, thick, small Yorkshire. Greenway's entry, Clara, out of the old sweepstakes winner, Miss Stamina, with a grand back and deep, level sides, a clean head, with slightly dished face and light jaw, was ranked head of her class; Potter's lengthy, level sow going 2nd; Graham's Summer Hill Royal Beauty, 3rd, and Bray's Millie sow, 4th. There were five entries in the class for yearlings, and Greenway headed it with Julia, of Brethour's breeding, a sow of extra quality, with a great back, good side and a typical head and ear. Graham followed 2nd and 3rd, with Jubilee Queen 7th and Ladysmith, a pair of smooth, level, well-developed sows; Bray following with another Millie sow. Greenway headed the class of nine under one year, with Morning Maid and Her Majesty, a pair of as handsome Yorkshires as one could find anywhere, lengthy, deep and level throughout, with grand backs, good hams, light jowls and clean heads, the ears of the latter drooping rather much, however. The 3rd ticket went to a good Marjory sow of Graham's, and 4th to the Ontario entry. There were seven sows under six months, 1st and 2nd going to the Ontario entries, 3rd to a Marjory sow from Pomeroy, and 4th to Greenway. Greenway's Julia was made female champion, the same exhibitor also winning in the open herd, in the Manitoba-bred herd, and the diploma ribbon for four sows offered by the Sheep and Swine Breeders' Association, with Clara Oughton, Sex, Crystal City Kate, and Matchless.

TAMWORTHS.—This class of bacon hogs has been making steady advances in the number and quality of entries forward at the Industrial. The principal exhibitors this year were: W. E. Baldwin, Manitou; L. A. Bradley, Portage; W. L. Trann, Crystal City; W. H. Smith, Carman; John Hainstock, Grange; and the Ontario exhibitor, W. M. Smith. Baldwin won, with Dr. Leyds, in the class for boars under two years, a hog of Hallman's breeding, of good length and even sides, with light head and neck and with good bone. He was afterwards champion male. To the Manitou entries also went the following prizes: 1st, on King Edward, in the under-year class; 2nd, to Prince Napier, under six months. Bradley's winnings were: 1st on aged boar, General Buller; 1st, 2nd and 4th on sows over two years, 1st going to Maggie, that wonderfully handsome, lengthy, deep-sided sow that for the past three or four years has won the female sweepstakes at the Industrial, and yet remains unbeaten; 3rd on yearling sow, and 1st, 2nd and 3rd on sows under one year, with a trio from the sweepstakes sow, Maggie, of extra good quality pigs; 2nd on sow under six months; 2nd and 3rd on sow and litter; 1st and 2nd on open herd; 1st and 2nd on Manitoba herd; 1st on four sows with Maggie, Grace Darling, Maple Leaf, and Nita. Trann, who has only recently taken up with the long red bacon breed, made but few entries, scoring a 2nd on Hayfield Pride in the yearling boar class, and 1st on Copper Queen in the yearling sow class. W. H. Smith, also a new exhibitor, scored a 1st on boars under six months, and a 3rd on aged sows.

CHESTER WHITES.—Wm. McBride, of Portage la Prairie, would have scooped the pot in this class but for the timely intervention of A. E. Thompson, of Hannah, N. D., who captured a 1st on aged sow, Lyndon Queen, and a 2nd on a yearling boar, Hildgrove Conqueror.

POLAND-CHINAS.—W. M. Smith migrated all the way from Ontario to clean up the prize tickets in this and the Duroc-Jersey class, but in Poland-Chinas he ran against some pretty stout

opposition in W. L. Trann, Crystal City, who succeeded in capturing the following prizes: 1st and 2nd on yearling sow; 2nd on sow under one year; 2nd on sow under six months; 1st and 2nd on sow and litter; and 1st on sow, any age, with the aged sow, Lady Sanders; 1st on four sows, any age, with Lady Sanders, Shanners Choice, Carrie Nation, and Hannah. In the male section, Trann won 2nd on aged boar, Klondike Gold Dust; 2nd on boar under one year, and 3rd with boar under six months. John Oughton, of Middlechurch, had a few entries in the Duroc-Jersey class.

BACON HOGS.—Good prizes were offered for bacon hogs, in two sections of three pigs each, one for pure-breds, the other for grades, which brought out six entries in the pure-bred class, but none in the grades. Many of the competitors seemed somewhat surprised at the type selected by the judge, those about the ringside considering that the trio selected for 1st prize were too light and not carrying enough flesh. According to Mr. Teasdale, however, they were the style of hogs now in favor on the discriminating market of Ontario. The Yorkshires were strictly in it, five of the six entries being of this breed. First prize went to A. B. Potter, 2nd to Brethour & Saunders, 3rd to S. J. Thompson, the Graham entries and Bradley's Tamworths being outclassed on account of too great weight.

Profit in Pigs.

Mr. Editor,—I am glad to see in so many numbers the space given in your paper to the bacon industry. Still, I can not refrain from giving my experience. Ontario is a dairying country and shall ever be, and hand-in-hand with dairying must profitably go hog-raising for the utilizing of the skim milk, whey, etc. Nothing should be wasted! Everything coming from the soil should be speedily returned to it. As a financial problem, last year I conducted several experiments for my own benefit, the results of some of which are given below.

On May 1st I purchased two pigs, of a Berk-Yorkshire cross, five weeks old. They were from an old sow, the pair weighing 44 lbs. Up to May 12th they were fed all the shorts and buttermilk, mixed, they could eat. They began to show signs of overfeeding. I then gave them the run of a small yard, and fed three times a day what shorts and sweet whey they would eat up clean. About twice each week I fed them either a pan of potato peelings or a few turnips, tops and all, to keep their stomachs in order. On August 9th, I sold them at 5 cents a lb., live weight, and they weighed 218 lbs., bringing \$12.40. Those pigs ate 250 lbs. of shorts, at \$1 per cwt. On a dairy farm sweet whey is plentiful and the cost is never counted. Cost of pigs, \$4.00; cost of feed, \$2.50; total, \$6.50. Total gain, \$5.90, or 90 per cent.

On May 24th I purchased another pair, of York-Tamworth cross, four weeks old, from young sow, pigs weighing 32 lbs. I fed them same as above pair until Oct. 18th, and when sold, at 5½ cts. per lb., they weighed 325 lbs., bringing \$13.36. They ate in the time 325 lbs. shorts, costing \$1 per cwt. Cost of pigs, \$4.00; cost of feed, \$3.25; total \$7.25. Total gain, \$6.11, or nearly 85 per cent.

These experiments taught me that there is big profit in the bacon industry when carried on in conjunction with dairying, as these pigs were all pronounced by the buyers good bacon pigs. Also that pigs from a mature sow are more profitable; that shorts makes a good, all-around feed for young pigs. I could give in detail several other experiments, but will confine myself to the results obtained. From two different experiments I found it more profitable to purchase shorts than to feed a mixture of barley, oats and buckwheat, mixed in equal parts and ground. The same amount invested in shorts produced for me 600 lbs. of pork, while I could only produce 400 lbs. of pork investing an equal sum in the grain mixture. I also found that it paid better to boil whole grain for pigs rather than pay for grinding it.

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More and more experience teaches the Canadian farmer as the years go by that to depend upon the sale of grain as a source of revenue is to trust to a broken reed. Crops are too uncertain and prices too low to make it a safe dependence. The cow and the sow will, in the long run, be found much more reliable, and hay, oats, corn and roots to be fed to stock on the farm the most profitable crops to grow. Horses, sheep and poultry are also proving profitable to raise, and the farmers who are devoting their attention to dairying and hog-raising, or to some one or more classes of stock, are feeling that they are on the safest ground. There will certainly be a strong demand for some years for live stock in all lines, owing to the well-known shortage of the supply in sight, and as a logical consequence, prices will continue to be good.