

the third, of 5*l.*; to Sir Walter Calverley Trevelyan, Bart. From class three containing thirty-seven entries of bull calves, above six and not exceeding twelve months old, two were awarded prizes. No. 1, 10*l.*, to Mr. C. Howard; No. 2, 5*l.*, to Mr. H. Ambler. Class 4 represented fifteen cows, in milk or in calf, above three years old. The first prize of 20*l.*, was awarded to Captain Gunter, for Duchess Seventy-seventh; the second of 10*l.*, to Richard Booth, Esq., for Queen of the Vale; the third prize of 5*l.*, to Lady Pigot, for Second Duchess of Gloucester. In Class 5, fourteen heifers in milk or in calf, not exceeding three years old, Captain Gunter too the first prize of 15*l.*, for Duchess Seventy-eight, a twin, the other twin being highly commended; Mr. R. Booth following second for Soldier's Bride; the third prize of 5*l.*, to Mr. J. Robinson. Class 6 represented thirty-one yearling heifers. Captain Gunter carrying off the first prize of 15*l.*, for Duchess Eighty-three; second, 10*l.*, to the Hon. George Edwin Lascelles, for Gracillis; third of 5*l.*, to Mr. J. Peel. Class 7 contained twenty-five entries of heifer calves above six and under twelve years old—the first prize of 10*l.*, to S. Majoribanks, Esq.; second prize of 5*l.* to Mr. J. Atherton.

The Show was held rather out of the range of either the *Herefords* or *Devons*, which consequently were shown in small numbers in comparison with Short-horns. Each was divided, like the Short-horns, into 7 classes; and in class 1 of the *Herefords*, of aged bulls, the prize-takers were Thomas Rea, first and second, and George Bray, third; class 2, yearling bulls, Messrs. R. Hill, E. Wright, and W. Perry; bull calves, Richard Hill and J. Williams; aged cows, Messrs. Naylor, P. Turner and R. Leyshon; heifers in milk or in calf, Messrs. Turner, Naylor and Leyshon; yearling heifers, Messrs. Perry, Naylor, and J. Marsh Reed; heifer calves, the executors of the late Lord Berwick and Mr. Williams. For *Devons*, the prizes went for aged bulls, to Messrs. J. Bodley, G. Turner and Prince Albert; yearling bulls to Messrs. W. Farthing, J. Merson and G. Turner; bull calves, Mr. Farthing and Prince Albert; aged cows, Prince Albert and Mr. Turner, no competition for third prize; heifers in milk or in calf, Mr. E. Pope, first and third, M. J. Hole second; yearling heifers, Mr. Farthing first, and Mr. J. Merson second and third; heifers and calves, Messrs. Davy and Turner.

Of the *Suffolk Breed*, for which separate prizes were also awarded, there were only two exhibitors. Of "other established breeds," neither Short-horn, *Hereford*, *Devon* or *Sussex*, the show was also small; Alexander Bowie, carried off 10*l.* for a polled Angus Bull; and Lord Sondes 10*l.* and 5*l.*, respectively for two *Suffolk* heifers.

Among the *SHEEP*, W. Sanday, Lieut. Col. Inge, and George Turner, were the prize-takers for *Leicesters*; W. Rigden, J. & A. Heasam, Lord Walsingham, the Duke of Richmond and

the Earl of Radnor, for the South downs. The show of sheep is spoken of as particularly good "The *Leicesters* and the *Cotswolds* are truly superb sheep, and of the two the *Cotswold* carry the prize, as the breed the best represented by the general superiority of the animals exhibited. Of the short woolled breeds, the *Shropshire* is the best represented, next to the *Shropshire* the South-down."

The Pigs constituted a prominent feature of the show. *Yorkshire*, famed for pigs, large and small breeds, contributed largely, but other counties sent for competition pigs worthy of *Yorkshire*.

"Above one hundred pigs gave ample scope for the connoisseurs in pig points. The blood horses and the Short-horn cattle were not so closely scanned than the pigs. The extreme weights of the larger animals were variously stated at fifty to seventy stones and upward. The fat pigs required to be assisted to rise. The middling fat were rather out of temper with constant poking they were subjected to. Together, the pig exhibition was a most remarkable show of what can be effected by selection."

TRIAL OF STEAM PLOUGHS.

The trials of steam ploughs and cultivators which so many have looked forward with interest are now going on. We must as yet satisfy ourselves with the simple facts of quantity and quality of work done without saying anything about price. Our readers can calculate themselves for the present, but as soon as a thing reliable is obtained, the final particulars shall be at once placed before them.

It must be pretty generally known, and we may as well repeat it, that the Royal Agricultural Society offer two prizes; the first one hundred pounds to be awarded in one sum the exhibitor of the best application of steam power to tillage purposes, the second of one hundred pounds, which may be awarded in sum or split up according to the suggestion of the judges.

For the purpose of testing the various systems of steam cultivation now before the public, the Society has obtained—about 8 miles from Leeds two fields, one of 32 and another of fifty acres. These fields are immediately contiguous to the right of the Leeds and Lilley road. The crop upon one has been turnips, which was off by sheep, and since then the land has been stirred, and now presents a bare surface. The next piece is a Clover lea. Both fields are situated, and admirably adapted for the trial of ploughs and cultivators. Upon both of the 6-inch furrow is said to be good 3-horse work but no dynamometrical experiments have been made to prove this much.

On Monday the 1st July, the three gentlemen appointed as judges, Mr. Sewell Read of Pateley, Mr. Owen Wallis of Overstone Grange, and Mr. Owen of Rotherham, assisted by Mr. A. Sothwork, Consulting Engineer to the R.