

and, we might add, half the usefulness, of the Exhibition is lost.

AYRSHIRES were better represented than at either of the previous exhibitions of the Association. Until last year, if we mistake not, no premiums were offered for this excellent breed. Both they and the Herefords seem to be neglected in Canada, though probably they are better adapted to the country for all purposes than either of the other breeds. We had expected to meet our friend Soetham, from Black Rock, New York, with a few of his splendid herd of Herefords, but were disappointed. He will no doubt pay us a visit next year, and give our farmers an opportunity of seeing some pure specimens of that noble breed, which has for some time occupied the first place in the markets of Smithfield.

GRADE CATTLE.—These made a tolerable show; those in the young classes being the best. We hope to see hereafter much more numerous exhibitions of grade cattle. We believe that crosses of the Durham and other improved breeds, with the best milking families of our native cattle, will be found most profitable for the common farmer. Amateurs, or "gentlemen farmers," as they are called, may patronize the pure breeds exclusively, but we are far from despising a good cross.

SHEEP.—Leicesters were most numerous. Two of these pens were first-rate; but as a whole, the sheep of the different breeds were below our expectations. Mr. Miller, of Markham, showed a few choice animals of the Leicester breed. We noticed also a very fine shearling ram, belonging to Mr. Cameron of Garden Island. South Downs were not more than ordinary. The fine-woolled varieties were few in number, but, so far as we could judge, of good quality.

PIGS.—We never saw a better display: it seemed as if the choicest specimens of the several breeds had really been selected. In the other classes we saw individuals that might be matched by a selection from the yard of almost any good farmer, but it would require some pains to find the equals of the Berkshires and large breeds exhibited on this occasion. The pigs of 1849 were perfect beauties.

FAT CATTLE, SHEEP, &c.—The fat cattle exhibited were nothing to boast of; we have often seen better in the Toronto market. Working oxen made a good show, but we saw none worthy of particular notice.

IMPLEMENTS.—Taken as a whole, the show of agricultural implements was very creditable. Evidence of improvement in this important branch of home manufacture, was clearly traceable in the display of this year. Ploughs were exhibited in

almost every variety; some well constructed iron ploughs, and other iron implements, from the shop of Mr. Fleck of Montreal, attracted great attention.

There were also imported iron ploughs exhibited, from the foundry of Mr. Grey, the celebrated Scotch implement maker. The wooden Scotch plough so much in favour in this part of Upper Canada was not well represented; we observed but one good specimen, which was made, as we have since been told, by Mr. McTavish of Darlington. A double-mould board plough and cultivator combined, by Mr. Newton of Cobourg, was an object of considerable curiosity to the farmers. These manifold implements, however, are not in our opinion the most desirable or convenient. Fanning mills, stone cutters, cultivators, reaping machines, horse powers for various purposes, cheese presses, churns, seed drills, root cutters, and dozens of smaller contrivances for facilitating the many operations of the farmer, were all there in their most approved forms, inviting the inspection of thousands of visitors. A portable grist mill, known in the States as "Fitzgerald's patent portable Burr stone mill," was exhibited by Mr. Ross of Syracuse, New York. The mill, without the bolting apparatus, cost \$100, and is capable of grinding ten bushels of wheat in one hour. The proprietor had several medals awarded by the American Institute, New York city. He showed some flour ground by this mill, which took the premium at Syracuse; it was certainly of a very fine quality. For new settlements, this invention will supply a desideratum. Mr. Ross, indeed, asserts, that when its merits become known, every farmer will be his own miller. He says it is about being put up in one of the large flouring establishments at Rochester, in the place of the common flat Burr stones, after which, if it proves its superiority, we have no doubt it will come into general use. We may hereafter give a cut, and a more full description of this interesting machine. Messrs. Rapalge & Briggs, of Rochester, exhibited the best assortment of agricultural implements on the ground. Their ploughs were well made, but the pattern will not go down with Canadian ploughmen; they are only adapted for cross-ploughing. Palmer's and Pennock's grain drills (price \$60) will be more sought after as they are better known. Mr. Vale, of Toronto, exhibited a number of tools and implements of excellent construction, and greatly admired for their beautiful finish. We have not space to particularize in this department, but refer the reader to the prize list, on another page, for the names of the successful competitors.