

held by one ploughman, selected by consent of the exhibitors, and drawn by the same team. Each plough turned one furrow with the instrument attached. The width and depth of the furrow slice was made the same in each case, as nearly as possible, and the amount of traction was noted at six points. The average result was arrived at by adding the figures together, and dividing by the number of observations. The draught, with two or three exceptions, was remarkably uniform. The medium was 4 cwt., with a furrow seven inches deep by eleven wide. It may be well to observe that the soil was a clay loam, and very favorable for the purpose. Some six or eight of the wooden ploughs were so nearly alike in *draught* and *work*, that the judges were obliged to give more attention to mechanical contrivance than was perhaps desirable, in order to select the three best. The wooden plough to which the first prize was awarded, was made by Mr. P. Logan, of Paris. The mode of attaching the coulter, and the structure of the implement generally, displayed admirable workmanship. Between the ploughs of Mr. Morley and Mr. Modeland, it was very difficult to decide. The former was a little lighter in draught, and a majority gave it the preference. They are both good enough for any farmer who wants such an implement. A new plough, got up by Mr. Jacob Bincham, drew lighter in proportion to its furrow slice than any of its competitors. It also did very fair work. It was commended by the judges, and would probably have obtained a prize had there been a fourth to give. Its mechanical structure was not quite so durable as the prize ploughs. The judges also commended a plough exhibited by —————

The iron ploughs were not so numerous as the wooden, but of very superior construction. The judges unanimously disapproved of those which cut the *crested* furrow. Those turning a *square* furrow obtained approval for doing the best work. The first prize was given to Mr. D. Duncan of Ancaster, the second to Wilson & Adams of Paris, and the third to A. McSherry.

*Reapers and Mowers.*—The unfavorable weather and other difficulties induced the Judges to abandon the attempt to test large reapers. The combined reapers and mowers and the single mowers were, however, taken to the field. The combined machines were tried in a field of oats. The ground was rough, and stones as large as a half-bushel were several times encountered. The oats laid in one direction, and the machines were required to cut *with* the incline as well as against it. The work was well done by all the machines. The gavels were better from some than from others, but this might have been owing to superior skill on the part of the raker. The direct and side draught were not tested, except by the eye, for want of a suitable instrument. The same machines were tried in a field of clover in competition with the single mowers. The latter were chiefly after Ketchum's pattern. The work here was also of nearly uniform excellence. The award, as in the case of ploughs, turned mainly upon the construction and durability of the respective machines. The first prize for Combined Mower and Reaper, was awarded to Darling & Atchison, of Thornhill. This machine is chiefly of iron, and is entirely without side draft, or weight upon the necks of the horses. Its mechanism was also excellent. The second prize was awarded to Messrs. Patterson, of Belleville, and the third to