

laid; so that it was difficult for the machines to operate well; but in the second field, in which the machines were tested by the dynamometer, the crop was well mixed with timothy and stood up well; and in this field all the machines tested performed as well as could be desired, rendering it, no doubt, rather a difficult matter for the judges to decide between them.

The trial of reaping machines took place on Thursday, 22nd July, on the property of P. Howland, Esq., Dundas street, near the Humber. The weather was very favourable, and the wheat in excellent condition for the trial, sufficiently heavy and generally standing well up, with an occasional laid spot to test how the machines could get over such places. The following named competitors appeared upon the ground:

John Watson, Ayr, single reaper.
 Patterson, Bros, Richmond Hill, single reaper.
 H. A. Massey, Newcastle, combined machine.
 R. & R. S. Patterson, Belleville, combined machine.
 Haggart & Bros., Brampton, single machine.
 Bell & Lawrason, St. George, single machine.
 Ira S. Leflar, Streetsville, single machine.
 Johnson & Bros., Meadowvale, single machine,

The quantity cut by each machine was nearly 1½ acres, and the time occupied from 55 to 61 minutes. The machines were afterwards tested singly by the dynamometer. The cutting of nearly all was highly satisfactory. There was, as at the mowing trial, a large number of interested spectators. The Judges at both trials were Messrs. Christie, Campbell, Bell, McKellar, McDougall, M. P. P's, and Messrs. John Dew and E. D. Norton, of Toronto, all of whom gave the fullest attention to the arduous task imposed upon them, so as to enable them to form a correct and impartial judgment. They are to give in their report at the Provincial Exhibition.

THE CRYSTAL PALACE.

The foundation stone of this building, now in course of erection on the garrison common, Toronto, for the use of the Provincial Exhibition this Autumn, was laid on the 15th July, by the Hon. Mr. Vankoughnet, Minister of Agriculture, assisted by E. W. Thomson, Esq., President of the Board of Agriculture, and W. B. Jarvis, Esq., President of the Board of Arts and Manufactures. There was a large concourse of spectators, including nearly all the members of both branches of the legislature. A report of the addresses on the occasion will appear in the *Transactions*.

The building is now in a forward state, and will be finished by the energetic contractors, Messrs. Smith, Burke & Co., some days before the time required by terms of the contract.