

cost returned to them in the saving of labor, the superior execution of the work and the avoidance of waste.

We have heard pretty strong complaints of the depredations of the midge this summer. In some of the western parts of the province it is said to be devouring the wheat almost totally. In fields in the neighbourhood of Toronto, the midge is to be found, but where the wheat was sown early and stood the winter well, not in such quantities as last year. We are of opinion that the reliable remedy for the midge will be found in high farming, clean culture, thorough draining, sowing early, and early kinds of seed. Wheat should not be sown on the same ground more than once in five, six, or seven years. Clay land should be clean and free from weeds or grass, but not made too fine. It should be somewhat rough and cloddy when sown; if old meadow the sods should be thoroughly decomposed, but not too much torn to pieces by over cultivation. If the soil is made too fine the plant is much more apt to be thrown out of the ground by the winter and spring frosts. If it is found that the fall wheat can not be grown by adopting the best systems of cultivation known, then of course the remedy must be to fall back upon spring wheat, sowing the kinds which will mature late, as has been already done with great success in different parts of the province.

There are still some crops which may be sown with advantage during this month. Buckwheat may be sown in the beginning of the month for the grain, and later for ploughing down for manure; if for the latter purpose it should be sown pretty thickly. Chinese millet may be sown for winter fodder or soiling; half a bushel of seed to the acre. Indian corn for soiling. White Turnips may be sown all this month; and the stubble, or six weeks turnip, as late as the middle of August, and produce a valuable crop. The following are a few of the varieties of Turnips which may yet be sown, the seed of any of which, as well as several others, can be obtained of Mr. Fleming and probably other seedsmen of this city. The White Globe, a large root, very productive, fit for fall use. The Yellow Bullock, or Aberdeen, a good producer, keeps well during the winter, excellent for feeding. Yellow Altringham, not quite so large as the Aberdeen, but of excellent quality for the table, and well adapted for market. Waites' Eclipse, a new variety here, yellow, with purple top, grows a

large size, very good for feeding purposes. It is a most encouraging evidence of the progress our farmers are making in the improvement of their general system of husbandry, to find the cultivation of turnips and other roots increasing so largely as it has done within a few years. We believe that at least ten times the breadth of root crops is now sown that was sown a few years ago. Mr. Fleming alone, one of the seedsmen of this city, has this year sold over a hundred bushels of Swede turnip seed, not to mention mangels, carrots, white turnips and other varieties.

Put the Cultivator and hand hoe frequently through the drilled crops this month, to stir the ground and keep down the weeds.

### The Provincial Exhibition.

The Board of Agriculture held a meeting at Hamilton on the 19th and 20th June, for the purpose of consulting with the Local Committee, and making the necessary arrangements in reference to the approaching exhibition. The preparations were found in a satisfactory state of forwardness, the committee and the contractors having evidently set to work in the most energetic manner. The ground plan of the Crystal Palace was originally in the form of a Greek Cross, the transept being 171 feet in length by 68 in breadth, but it has since been decided to fill in the angles of the lower story, converting it into an octagon of 171 feet diameter, thus adding considerably to the Exhibition space, which will be altogether something more than that of the Building at Toronto. The upper part of the building will preserve the original plan. The building will consist of two stories. The centre of the roof will have an elevation of about 60 feet, and the top of the dome of 128 feet, so that standing as it does on high ground, the palace will present a very commanding appearance. The foundation is of solid stone masonry, and the floors and all of the work of the most substantial character.

The accommodations for the cattle, horses, &c. will be of a better description than at any of our previous shows. There will be about a hundred horse stalls 12 feet by 6, with good plank floor partitions and double doors. There will be 100 cattle stalls, 100 sheep pens, 80 pig pens, &c. Water will be plentifully supplied from the city.