

be the best preparation for wheat, on clays or strong loams, it does not follow that it is the best course to adopt on light loams and sandy soils. In such soils, as they admit the air readily, there is not usually a great amount of inert inorganic matter, capable of ready decomposition by exposure to sun and weather; and consequently, in the absence of the main causes which render fallows so efficacious on strong clays, they are not, on sandy soils, usually followed by the abundant crops obtained on strong clay loams, which require frequent working to admit the action of the atmosphere. On light loams, when first cleared and brought into cultivation, fallows have a good effect, because then there is a quantity of crude vegetable matter, which requires to be subjected to decomposition, but after one or two crops they are found not to have the same effect as on strong clays, on which the result continues to be as favorable as ever. Sandy soils are usually poor in organic matter, and other elements of crops, while clay soils have a large supply. Summer fallowing accelerates the decomposition of these elements without increasing the supply, consequently sandy soils, from their permeability and poverty, must soon be exhausted by frequent summer fallowing. The wiser course is therefore to husband these aids to production by avoiding naked fallows, and substitute clover, peas, vetches, or other green crop, which may either be eaten off the ground by sheep or cattle, ploughed in, or fed to cattle in the stables and the manure returned to the field.

Wheat may be sown successfully on sandy soils after such crops, provided the land be clean, and in good heart and tilth. On medium clay loams also, a kind of land very common in Upper Canada, experience has proved that in this climate, where the frosts of winter and heat and rains of summer, have so favorable an influence in pulverizing the soil, long fallows are not so necessary as on stiff clays, and where these influences do not prevail. By the growth of clover, to be eaten off or mown in the first months of summer, and ploughed up the last of June or in July, and then cultivated sufficiently till sowing time to keep down the weeds and

grass, very good crops of wheat are obtained, while there is an economy of time and labor, and a greater gross amount of produce. This practice is becoming more common every year. Clover lea is sometimes even ploughed a very short time before sowing wheat, and good crops obtained, but this method is often found difficult of execution, and cannot always be depended upon for a satisfactory result.

The obtaining of pure clean seed, and of the best variety, in view of the approaching seed time, is, of course, one of the most important matters demanding the farmer's attention.

August is one of the busiest, and most important months, and the farmer has frequently as much as he can do to get the bulk of his field crops out of the way before wheat sowing begins—root crops, corn, &c., must receive attention at a later date.

HORTICULTURAL SOCIETIES OF UPPER CANADA.

It is pleasing to observe the spread of organizations of this sort for promoting the various branches of that highly important and civilising pursuit,—horticulture. Several societies of this kind now exist in both sections of Canada, and as a consequence a taste for gardening, and for embellishing country as well as suburban residences, is being diffused among us. We are glad to observe that a promising Horticultural^{and} Society has recently been established at Brockville; the first exhibition of which took place the other week, and was highly creditable to the town and neighborhood. A beginning so successful cannot fail to stimulate the friends of the society to still greater exertions. We take this opportunity of thanking the worthy Secretary for his polite invitation, which we regret we could not accept, and wish the society a long and uninterrupted career of prosperity. We regret having mislaid the paper containing the particulars of the Show, or we should have in this notice gone a little more into detail.

The second exhibition of the *Toronto Horticultural Society* was well attended, and con-