

tilled land, and do well. The cultivation of root crops will be found alluded to at considerable length in the Report of the Guelph Farmers' Club, in another part of this number.

Weeds, unfortunately, grow as rapidly, sometimes more rapidly in June and July, than useful plants, so unless they be kept down by vigorous and frequent hoeing or ploughing, the labor and expense of sowing potatoes, corn, turnips, &c., will be little better than so much labor thrown away. Besides, the practice of frequently stirring the ground, even in the absence of weeds, is of the greatest advantage in aiding the growth of the crops. Turnips &c., must also be judiciously thinned, or they will be little better than if overgrown with weeds. Turnips and mangel-wurzel, if in drills, may be thinned from twelve to eighteen inches apart in the drills, if broadcast about eighteen inches, as near as may be, each way; carrots and parsnips if in drills 15 or 18 inches apart, may be thinned to about 9 inches apart in the drills.

Besides such work as above mentioned, and the repairing of fences and buildings, road making, draining operations, &c., the principal business of June, will be the preparation of the fallow for wheat sowing in September. And on the manner in which this is done will greatly depend the results to be obtained next year. The present high price of grain, in connection with passing political events in Europe, will probably lead to the preparation of a larger breadth of land than heretofore in Upper Canada to be sown with wheat in Autumn. If the first ploughing has to be performed in June, unless the weather be favorable, it will, on clay land, be hard work for both man and horse. If the first ploughing has been given in Autumn or Spring, the second in June will not be so laborious, and the farmer will find it to his advantage to keep his ploughshare sharp, and turn up a furrow to the air at least six or seven inches in depth. If the manure is to be laid on at this ploughing, it should not be left long evaporating in the field, but ploughed in as soon as possible after being drawn out from the yard. Experience has amply proved that Canada thistles, that disgrace and ruin to so many neighborhoods in this country

may be effectually eradicated, by a thoroughly and cleanly cultivated summer fallow, so that no farmer has occasion to despair of getting rid of this pest, if he will only apply himself heartily to the task.

Attention to all the above matters, and a few others which might be mentioned, will probably conduct us to the end of June, or beginning of July, when the hay crop, and soon after wheat and barley, will demand our attention, and there will be abundant opportunity for testing the good qualities of the mowing and reaping machines mentioned in another place.

PREMIUMS FOR FARMS AND GARDENS IN THE COUNTY OF RUSSELL.

We have received the following communications from C. P. Treadwell, Esq., President of the Provincial Agricultural Association, on the subject of premiums for the best cultivated Farms and Gardens in the County of Russell. The Board of Agriculture, at its recent meeting, expressed its approval of the plan, and it is much to be desired that a similar movement should be made either by Societies or influential and patriotic individuals in each of our settled Counties. The encouragement of the cultivation of the various kinds of garden crops is of no small importance, and would tend, in connection with the culture of flowers to improve the taste and increase the comforts of many a household. We trust that, as the object is a good one, and most creditable to the projector, it will not be lost sight of in other quarters, but that many will be induced through the force of this example to go and do likewise.

Mr. Treadwell proposes to give the sum of £25 for the purpose, viz.,—£5 to each of the four Township Societies of the County for the best cultivated farm in each locality; and likewise, \$5 for the best managed garden within the jurisdiction of each of the four Societies. As the great object of these premiums is the encouragement of farmers and their families in those important arts on which the existence and happiness of nations so essentially depend, we again express our best wishes for the success of the principle in this particular application.