thy, wheat and other grains are too commonly more or less mixed with the seed of weeds, from the foul state of the land on which they are raised, and the imperfect manner in which they are cleaned for market.

The wind is a powerful agent in propagating the growth of weeds, carrying sometimes to almost incredible distances winged seeds, such as those of the different kinds of thistle. It is a most fortulate thing that only a portion, and that perhaps a small one, of the downy seeds of the thistle, find sufficient covering on the earth's surface to vegetate and mature, or whole districts would be literally overrun with this destructive pest, which indeed is the case in some of the older settlements of this Province, particularly in the eastern section. The remedy, or what is better, the preventive of this monstrous evil is in the farmer's own hands. Such weeds should never be allowed to seed, whether they are growing in the highways or the fields. the most efficient means of extirpating thistles many valuable hints are to be found in recent numbers of this journal. But the principal thing the farmer has to do after he has once got his land clean and free from these unprofitable intruders, is to keep it so. This end can only be attained by a systematic course of thorough cultivation, the exercise of unscrupulous care in sowing only pure seeds, and vigilant attention to the pulling up of all descriptions of weeds wherever they may appear.

A prolific source of weeds in this country is often found in barn-yard manure. The seeds of weeds are too commonly brought into the barn with the crops, and in cleaning the grain go out into the yard with the straw, to be trodden into litter by the cattle. Unless the dung be put into riixers, and allowed to sufficiently ferment, the greater part of the weeds which it contains will be certain to grow wherever it is applied, particularly on arable land, and thus the evil becomes perpetually self-producing. If only a few neighboring farmers would resolve to combine for the extirpation of weeds, and vigilantly use the means for a few years, the evil might be kept down by ordinary caution, without involving any serious outlay, and the crops-largely increased in quantity, and equally improved in quality.

One of the most common and trouble weeds that propagate themselves by roots is Couch grass, Triticum repens; and famil known by the name of quick grass, scuth g and chien dent, or dog's tooth and it is on the most vivacious plants that grow. this plant has got a strong hold of the it can be extirpated only by a thorough sum fallow; the grubber is an excellent implement bringing many roots to the surface, when t can be collected, placed into heaps, and but In order to get thoroughly rid of couch gr careful hand-picking will be sometimes for necessary, for the smallest root, not perfec withered, when left in the ground, will be sur vegetate, and in a congenial soil will rapidly tend itself in all directions.

Burning weeds ensures, of course, the desir tion of their seeds; but this object may be tained by other means, and a larger amount valuable manure secured. Collect the weeds whatever vegetable matter can be obtained for the scouring of ditches, &c. into a corner of field, mixing them alternately with layers quick lime, and leaving the fibre to the proce of decomposition, which the lime will tend facilitate, as well as add to the amount a quality of the manure. Another method const in placing the weeds in the centre or at the b tom of stable manure, at such a temperature to preclude the possibility of vegetation. The requires the strictest attention, lest the heati duced by the fermentation of animal and veget ble matter should fail to destroy the principle vegetation; in which case the whole quantity manure would be only so many stimulants, side and abetting the couch grass in its future tempts to gain possession of the soil. By the treating weeds they may be made to minister the wants of our cultivated crops, the soil ke clean, and its produce increased to a degre which to many would appear absolutely credible.

Land Drainage.

We have written and published a good deal various times on the subject of land drains and it is hardly necessary now to insist upon importance of the improvement, especially insist ations where the land is of such a character.