

more. Any plant foreign to the particular variety grown, however valuable otherwise, must be considered a weed for it lives and grows at the expense and to the detriment of the cultivated plant and hence is damageable. Its removal is imperative.

Cultivation implies the loosening, by means of convenient tools, of a thin layer of the surface soil to produce an earth mulch with the object of checking the capillary action which tends to bring the soil moisture to the surface where it is dissipated through the action of the wind and the solar rays.

Reasons for weeding.

All plants, whatever class they may belong, whether useful as wheat, barley or corn or harmful like the eye daisy, quack grass or mustard, feed on the same nutritive elements which they obtain from the soil. Some of these elements of fertility are present in the soil, in