

system. The spread of weeds and the increasing difficulty with soil blowing show the necessity of a scientific rotation of crops. Such a rotation should include grasses to renew the vegetable fibre in the land, clover or alfalfa to restore fertility and, if possible, potatoes, roots or corn should be used as a cleaning crop instead of summer fallow.

*Stubble burning.*—Stubble burning is not advisable in Manitoba, whether it be in Saskatchewan or not. It is a waste of valuable vegetable matter that is very seldom justifiable. Unless the soil is unusually dry the stubble should be ploughed under and thoroughly packed down with the soil packer. Fall ploughing is not as impracticable in Manitoba as Mr. Mackay says it is in Saskatchewan. There is often sufficient moisture for fall ploughing, and when this is the case better results are obtained in most districts than could be secured from spring ploughing.