

(c) A "*Hand-selected Seed Plot*" is a plot of land bearing a crop produced direct from "*Hand-selected Seed*."

2. (a) "*Improved Seed*" is the general product of the "*Hand-selected Seed Plot*."

(b) "*Improved Registered Seed*" is the product of the crop produced from "*Hand-selected Registered Seed*."

(c) "*Improved Seed Plot*" is a plot or field bearing a crop produced direct from "*Improved Seed*."

3. (a) "*General Crop Seed*" is the product of the "*Improved Seed Plot*."

(b) "*General Crop Registered Seed*" is the product of the crop produced from "*Improved Registered Seed*," and grown on the "*Improved Seed Plot*."

#### THE PROCESS OF HAND-SELECTION.

In the practical application of the principles of improvement in plants by hand-selection, the process of hand-selection should not be cumbrous. Before the work of selection is commenced the operator should have the desired type fixed in mind. The work of hand-selecting may then be done rapidly and systematically. Seed from the best plants among many that have had equal opportunities should be taken, rather than from plants that have been incited to extra growth through being provided with specially favoured conditions.

Mixtures of foreign varieties should be carefully guarded against. It is recommended that the threshed and cleaned seed from hand-selected heads or pods be hand-picked and all inferior grain or grains not corresponding with the desired type discarded.

The process of hand-selecting from the hand-selected seed plot must be continued from generation to generation without interruption. Partial crop failure on hand-selected seed plots caused by rust or blight should not deter the work of hand-selection from such plots. Heads or pods of grain from those plants which have shown the greatest power to resist rust or blight should be taken. Selection from the fully matured standing crop has many advantages over selection of large heads or pods from harvested grain.