



Sowing and Planting Equipments

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Abstract

For successful raising of crops, sowing or transplanting at proper spacing and depth are essential. After the seed bed preparation next step of farming is sowing of seeds or transplanting of seedlings or planting the plants open the pre conditioned seedbed. The basic objective of sowing operation is to put the seed and fertilizer in rows at desired depth and seed to seed spacing, cover the seeds with soil and provide proper compaction over the seed. The present article focuses on sowing and planting equipments.

Keywords: Sowing, planting, equipment, uniform crop stand

After the seed bed preparation next step of farming is sowing of seeds or transplanting of seedlings or planting the plants open the pre conditioned seedbed. The basic objective of sowing operation is to put the seed and fertilizer in rows at desired depth and seed to seed spacing, cover the seeds with soil and provide proper compaction over the seed. There are many methods of crop planting like, Broadcasting (Random scattering of seeds over the prepared seedbed), Dibbling (Process of placing the seeds in holes made in seed bed and cover them) Drilling (Random dropping and covering of seeds in furrows to give a particular row spacing), Precision planting (Accurate placing of single seeds over seedbed maintaining equal row spacing) and Hill dropping (Placing groups of seeds on seedbed at equal interval in row from certain height).

In this chapter we will discuss about different sowing and planting equipment.

DIBBLING EQUIPMENT



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