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Designed for use by women



This tool will plant through surface mulch in dry and moist soils.

In use the tool is rocked backward and forward as foot and hand pressure is applied.

Prior to dropping the seed the tool is pushed forward and this creates and maintains the tapered slot in the ground.

One person operates the tool and drops a controlled amount of fertiliser using a small plastic container whose capacity has previously been calibrated for the field and crop requirements.

Details of the Planting Spears

The slots created by two spears maintain a space between seed and fertiliser and prevent direct contact.

The spears are made from high carbon steel (recycled leaf suspension) and resist abrasive wear in sandy soils.

The ends of the tubes are flaired to ensure the seed and fertiliser are directed into the ground.



The space between the spears increases gradually to reduce friction in the centre and prevent blockage by soils when wet.



When using the precision planter, the user must ensure that the tool is held at a consistent depth in the soil and that the seed and fertiliser are placed in the correct position. The precision planter is designed to be used in a variety of soil types and conditions.