

Development and performance evaluation of equipment for intercropping

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■ **ABSTRACT** : A tractor drawn seed- cum- fertilizer drill for intercropping has been developed at ARS, Durgapura, Jaipur. The machine has eight furrow openers for separate delivery of seed and fertilizer. It has provision for sowing the seeds of different sizes at their desired rates in variable row spacing. The equipment is suitable to be fitted on a tractor drawn cultivator. The machine is use full for intercropping of pearl millet + moong bean / urd bean / cluster bean or maize + moong bean and others. The developed machine gave 8.9 per cent and 11.3 per cent higher grain yield of pearl millet and cluster bean over local method of intercropping. The field capacity of the equipment is 0.65 ha/h.

■ **KEY WORDS** : Intercropping, Seed-cum fertilizer drill, Metering device, Field capacity

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