

On-farm Demonstration of Ananta Groundnut Planter in Farmers Fields of Ananthapuram District

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ABSTRACT

On-farm demonstrations were conducted in 17 villages of Anantapuram district in an area of 6.8 hectares during kharif season over a period of 5 years from 2008-09 to 2012-13. Two types of sowing machinery i.e, Ananta groundnut planter and bullock drawn seed drill were used for sowing of groundnut. Demonstrations revealed that the recommended seed rate of 100 kg ha⁻¹ was dropped by the Ananta groundnut planter due to well designed metering mechanism, while it was not possible in bullock drawn seed drill because of manual dropping of seed. Higher plant height, yield attributes and 6.5 per cent more yield of groundnut was recorded with Ananta groundnut planter compared to bullock drawn seed drill. Pod yield 767.8 kg ha⁻¹ was obtained with Ananta groundnut planter. It was 720.8 kg ha⁻¹ with bullock drawn seed drill.

Key words : Ananta groundnut planter, Groundnut, Tractor drawn seed drill.