

Performance Evaluation of Tractor Drawn Seed Drills for Ground Nut in Dry Land

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ABSTRACT

India is basically dependent on rainfed agriculture. In dry land agriculture soil moisture dictates the priorities with regard to field operation and sowing. In this study five types of seed drills were evaluated for ground nut sowing and to assess their performance. The highest field capacity was 0.54 ha h⁻¹ for Ananta planter followed by 0.53 ha h⁻¹, 0.47 ha h⁻¹, 0.45 ha h⁻¹ and 0.43 ha h⁻¹ for Nandyala planter, Gujrat seed cum fertilizer drill, Kisan automatic planter and Local seed cum fertilizer drill respectively. The highest net income was obtained with Ananta planter. The study conferred that out of five seed drills the Ananta planter was given best performance as compared to others.

Key words : Dry Land Agriculture, Performance Evaluation, Seed Drill, Seed Metering Mechanisms,