

Drum seeder –A labour saving technology

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■ **ABSTRACT** : Rice is the major crop of most of the countries. Transplanting of paddy is a major labour and cost intensive work. Experiments were conducted on direct seeded paddy using eight-row drum seeder underpuddled condition in farmer's fields of Jajpur district, Odisha during *Kharif* season for three years to evaluate the performance of the eight row paddy drum seeder. The drum seeder was tested on puddle fields. Drum seeder technology reduced the cost of transplanting and resulted in higher returns to farmers over normal transplanting of paddy seeds. The labour requirement was found to very less as compared to the traditional method of transplanting. The results showed that use of paddy drum seeder increased the grain yield as compared to farmer's practice of transplanting.

■ **KEY WORDS** : Direct sowing, Drum seeder, Pre-germinated seeds, Transplanting, Yield, Field capacity

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