

(54) Title of the invention : IOT BASED AUTOMATIC PADDY DRUM SEEDER MACHINE

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(57) Abstract :  
 Because the crop is planted in lines with 20 cm between rows, this method can reduce the need for labor, water, and seed while also increasing productivity. (by 7-10 days). Prior to sowing, the sprouted seed is temporarily air-dried in shade (about 30 minutes) to facilitate dispensing via the drum seeder's holes. Between 4 and 8 drums may be used, and between 8 and 16 lines may be sowed in one pass. Eight row drum seeders were used by farmers to sow paddy (20 cm x 10 cm) in a straight line. In ten hours, a hectare might be covered. Compared to broadcasting (100 kg/ha), drum seeding requires fewer seeds (30 kg/ha). And here we are using new technology to control paddy drum seeder. In this technology we can control the paddy drum seeder by Bluetooth. We don't need to pull the machine by manually because dc motor used to drive the paddy drum seeder. The main reason for this innovation is reduce the cost for paddy seeding and cultivation also, for water management.

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