

### Seed-Cum-Fertilizer-Drill

Innovator : Sh. Hazarilal Ojha  
District : Baran  
State : Rajasthan



#### **Brief Description**

This is a device by which farmers can do simultaneous activities of Seeding & Fertilization process in a single operation. This Consists of a plough, arm wheel, conveyor and oscillating sieve screen for giving the clean output. It can be retrofitted to a tractor of 35 HP or above. It has capacity to hold 70 Kgs of Seed & fertilizer. Nine lines can be sown at a time (9 + 9 pipes for seed and fertilizers respectively)

#### **Salient Features**

- Drills seeds and fertilizer together but delivers them separately in a single drive.
- Seeds and Fertilizers are drilled at different depths thus improves germination
- Soil covers the fertilizer and then the seed is implanted and later on finally the soil also covers the seed Separate containers for seed and fertilizer
- Screw type conveyor system is developed to dispense the seeds and fertilizer
- Quantity, depth and distance between fertilizer and seed, at which seeds and fertilizers are to be sown is adjustable to specific needs of definite area

#### **IPR Status**

Patent is under process

#### **Unit Price**

Rs. 35,000/- (ex-works)

#### **Current Status**

The Technology is already launched in state of Rajasthan and is available for other states and abroad.

#### **Special Achievement**

Awarded by the National Innovation Foundation, Ahmedabad

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