KSNM DIRECT PADDY SEEDER

KSNM Direct Paddy Seeder quotation .................. 2
Planting Paddy with Direct Paddy Seeder .......... 3
Field Preparation ............................................. 4
Major Parts of the drum seeder ...................... 5
Operation procedure & Salient Features .......... 6
Specification ................................................. 7
Weeding Details ............................................. 8
Packing details ............................................. 9
Web site and U tube link ................................. 10
Order and Bank details ................................. 11
Dear Sir,
Thank you very much for your interest with our products.

**KSNM - DIRECT PADDY SEEDER ( RICE SEEDER / DRUM SEEDER ) – Rs.4800/-**

It is meant for sowing of pre germinated paddy in wetland field. It is manually operated implement. Ergonomically designed as gender friendly implement. KSNM is having technical collaboration with Tamil Nadu Agricultural University. We have all facilities and infrastructure to manufacture large quantities of paddy seeders. Production capacity is 60,000 numbers per annum.

**Salient Features**
- Labour cost is reduced drastically.
- Uniformity in seed sowing and plant population.
- Reduction in seed rate and thinning cost.
- Crop matures 7-10 days earlier than transplanted paddy.
- Light in weight and easy to handle.
- An area of 1 hectare can be sown in a day.

**Website** www.ksnm.co.in  www.ksnm.in

**U tube video**
http://youtu.be/0ecME7M-n1I

**Cost of the product**

**Direct Paddy Seeder - Rs. 4,800/- and Cono Weeder - 1,200/-**

**Bank Details:**
*Bank* : INDIAN OVERSEAS BANK
*Branch* : R S Puram, Coimbatore, INDIA
*IFSC Code* : IOB A00 000 79
*Swift Code* : IOB AIN BBO 79
*Account Name* : KSNM Marketing
*Account Number* : 0079 0200 000 2707 ( 15 digits)
KSNM Direct Paddy Seeder is an efficient and inexpensive implement for row sowing of pre-germinated paddy seed in wetland field. This is a manually pulled implement developed and certified by Tamil Nadu Agricultural University, Coimbatore, India.

KSNM Direct Paddy Seeder covers 8 rows of 20 cm row to row spacing at a time. This implement ensures uniform plant population throughout the field.
Field Preparation

- Field must be well puddled and leveled.
- Water must be drained out at least 24 hrs before sowing to form hard slurry pan of puddle soil.
- At the time of sowing, only paper thin of water should be maintained in the puddled field.
- Water should be flooded to the puddled field once in three days after sowing and drained out immediately.
- This practice must be continued for 12 days. Thereafter depending upon the height of the seeding, Water should be allowed to stand in the field.
Hyperboloid shaped seed drum with 200mm diameter, 8 numbers of seed metering holes of 9mm hole diameter. Baffles are provided inside the seed drum between seed holes resulting in uniformity of seed rate throughout the operation. These baffles also ensure hill dropping of seeds. Each seed drum has two rows of planting. Four such drums can be assembled to form 8 rows of seed drum as shown in the picture.

Wheel are provided at both ends. These wheels are made up of plastic material to provide floating characteristics. Wheel diameter is 2 feet.

Three square shaft to be joined to make a single axle, and the four seed drums are assembled together with the square shaft. The lower, middle and upper handle are joined together using the handle joiner which is meant to pull along.
After assembling, fill the drums with pre-germinated seeds. Remember only two-third of the drum are to be filled at a time.

Close the mouth with the knob provided.

Pull the seeder manually at a normal walking speed (1 Km/h) in the backward position as in the photo.

The wheel impression in the first pass will server as a maker.

In the second pass the wheel should pass on the same wheel impression of the previous pass to maintain the row-to-row spacing of 20 cm.

Occasionally watch the dropping of the seeds through the holes of the seeder.

Refill the drum when it reaches one fourth capacity.

Continue the seeding operation.

Labour cost is reduced drastically.

Uniformity in seed sowing and plant population.

Continuous drilling of seeds is eliminated.

Reduction in seed rate and thinning cost.

Crop matures 7-10 days earlier than transplanted paddy.

Light in weight and easy to handle.

An area of 1 hectare can be sown in a day.
<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power source</td>
<td>Hand Operated</td>
</tr>
<tr>
<td>Row to row Spacing</td>
<td>200 mm</td>
</tr>
<tr>
<td>Shape of the seed drum</td>
<td>Hyperboloid</td>
</tr>
<tr>
<td>Number of rows</td>
<td>8 rows</td>
</tr>
<tr>
<td>Diameter of the drum</td>
<td>200 mm</td>
</tr>
<tr>
<td>Diameter of the seed metering hole</td>
<td>8 mm</td>
</tr>
<tr>
<td>Number of seed metering hole</td>
<td>8 Nos</td>
</tr>
<tr>
<td>Weight of the unit</td>
<td>10 Kg.</td>
</tr>
<tr>
<td>Type of ground wheel</td>
<td>Lugged Wheel</td>
</tr>
<tr>
<td>Diameter of the ground wheel</td>
<td>600 mm</td>
</tr>
<tr>
<td>Operating speed</td>
<td>1 Kmph (Walking Speed)</td>
</tr>
<tr>
<td>Level of filling the seed drum</td>
<td>Half</td>
</tr>
<tr>
<td>Volume Weight of seed drum</td>
<td>600 grams</td>
</tr>
<tr>
<td>Material used</td>
<td>PP CP</td>
</tr>
<tr>
<td>Seed requirements</td>
<td>10 Kg per acre</td>
</tr>
</tbody>
</table>
First Weeding must be done after 10 days of sowing.
Second weeding must be done after 20 days of sowing.
And the third weeding must be done after 30 days of sowing.
Direct Paddy Seeder Box size and Weight

<table>
<thead>
<tr>
<th>BOX SIZE</th>
<th>L65 X B64 X H 36 CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>NET WEIGHT</td>
<td>10 KG</td>
</tr>
<tr>
<td>GROSS WEIGHT</td>
<td>12 KG</td>
</tr>
</tbody>
</table>

Packing details
Web site: www.ksnm.in, www.ksnmdrip.com

U tube link:

DIRECT PADDY SEEDER - PP
https://vimeo.com/52327304

DIRECT PADDY SEEDER – PP
http://youtu.be/vGRKp0NK_LA
Direct Paddy Seeder Child in Field
http://youtu.be/26VEgxmR35Q
Seed Holes Uploaded on 12.09.2012
http://youtu.be/ssVSNd6lmsM
Direct Paddy Seeder field operation – Tilda Farm uploaded on 31.08.2013
http://youtu.be/0ecME7M-n1I

Cono Weeder Assembling - 29.12.2012
Cono Weeder field operation – Tilda Farm uploaded on 29.08.2013
http://youtu.be/q5HohX3TwHY
Kindly send complete address with phone number and with all queries by e-mail – info@ksnm.in or Call: +91 9360388900

Bank particulars are given below:

Bank: Indian Overseas Bank
Branch: R S Puram, Coimbatore, India
IFSC Code: IOBA 000 0079 (11 Digits)
Account Name: KSNM Marketing
Account Number: 0079 0200 000 2707 (15 Digits)
Account Type: Current Account