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भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय,

Ministry of Agriculture and Farmers Welfare

(कृषि, सहकारिता एवं किसान कल्याण विभाग)

(Department of Agriculture, Cooperation and Farmers Welfare)

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आं. प्र.)

Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)

[ISO 9001:2008 COMPLIANT INSTITUTION]

SPECIFICATION SHEET OF AUTOMATIC SEED DRILL (TRACTOR DRAWN)

1 General: -

Address of manufacturer :

Address of applicant :

Name of machine :

Make :

Model :

Serial number :

Suitability for sowing seeds/crops :

Year of manufacture :

Size of seed drill/Planter (mm) :

Recommended power source (HP) :

2 Constructional Details

2.1 Details of mainframe

2.2 Tynes:

Number & type :

Dimension of tynes (mm) :

No & type of springs :

2.3 Furrow Openers:

No. of openers :

Type :

Method of fixing :

2.4 Constructional details of seeding/planting attachment: -

Base Frame

Name of the Manufacturer/Applicant	Document No, if any Revision status	Name of the Test Agency: SRFMTTI, Garladinne
Signature :	Make :	Signature :
Name :	Model :	Name :
Designation :	Sheet No. _____ of _____	Designation :
Date :		Date :

Type
 Size (mm)
 Height of the frame for fixing seed
 Box from ground level (mm)

2.5 Seed Box: -

Type
Size (mm)
 Length of box (mm)
 Width at top (mm)
 Depth (mm)
 Capacity (With seed) (Kg)

2.6 Seed metering mechanism: -

Cell Plate: -
 Type
 No. of cell plates
 Shape
 Size (Dia./ thickness) (mm)

Feed shaft: -
 Material of construction
 Size (mm)

Type of Seed boot

2.7 Drive Mechanism (Ground drive wheel):

Constructional details
 Dia. of wheel with lugs (mm)
 Effective dia. Of wheel (mm)
 Size of spokes (mm)
 No. & size of lugs (mm)
 Provision for lubrication

Primary drive: -

Type
 Details of drive sprocket
 Details of intermediate sprocket
 Details of driven sprocket
 Details of drive chain

Drive cut-off mechanism :-

Type
 Method of operation
 Details of covering Device

2.8 Three point linkage

Conforming to category-I/ II

Overall Dimensions (mm)
 Length
 Width
 Height
 Operational mass (kg)

Place:

Date:

Signature:.....

Name:.....

Designation:.....

Name of the Manufacturer/Applicant	Document No, if any Revision status	Name of the Test Agency: SRFMTTI, Garladinne
Signature : Name : Designation : Date :	Make : Model : Sheet No. _____ of _____	Signature : Name : Designation : Date :