



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 CULTIVATOR (TRACTOR DRAWN)

(To be Submitted in Triplicate duly Filled in Typed)

1. **General: -**
- 1.1 Manufacturer :
- 1.2 Name of applicant :
- 1.3 Name of machine :
- 1.4 Make :
- 1.5 Serial number :
- 1.6 Year of manufacture :
2. **Size of Cultivator (mm) :**
- 2.1 Power source :
- 2.2 Recommended Power- kW (Ps):
- 2.3 Type of soils recommended for :
3. **Constructional Details :-**
- 3.1 **Main Frame Details :**
- 3.2 Material :
- 3.3 Dimensions of frame (mm) :
- 3.4 No & size of horizontal

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 :

- channels (mm) :
- 3.5 Length of channel (mm) :
- 3.6 No. & size of cross member (mm):
- 3.7 Length of cross members (mm):

4. Springs:-

- 4.1 Material :
- 4.2 No & type of springs :

5. Specification details of spring coil are given below as per IS: 6638- 1972 (Specification for tractor mounted spring loaded cultivators) : -

Sl.No.	Parameters	Dimensions (mm)		Conformity to IS
		AS per IS	As measured	
1	Dia. Of spring wire (A)			
2	Length of the spring (B)			
3	Inner dia. Of spring ©			
4	Outer dia. Of spring (D)			
5	No. of coils			
6	Spring index			

6. Tyne: -

- 6.1 Material :
- 6.2 Number of tines :
- 6.3 Type :
- 6.4 **Dimensions (mm): -**
- 6.4.1 Projected length :
- 6.4.2 Width at top :
- 6.4.3 Width at bottom (Between holes of shovel) :
- 6.4.4 Thickness at top :
- 6.4.5 Thickness at bottom :

7. Shovel (Furrow openers): -

- 7.1 Material :

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Signature : Name : Designation : Date :	Make : Model : Sheet No. _____ of _____	Signature : Name : Designation : Date :

7.2 No. of Shovels (Furrow openers) :

7.3 Type :

7.4 Method of fixing :

8. Specification for Shovels (Furrow openers)

Sl. No.	Notations	Dimensions (mm)		Conformity to IS
		As per IS	As measured	
1	A			
2	B			
3	C			
4	D			
5	E			
6	α			
7	β			

9. Three point linkage: -

Sl. No.	Specifications	Dimension (mm)		Remarks
		As per IS	As measured	
1.	Upper hitch points (Cat.I/ Cat.II) :-			
	A. Dia. of pin hole			
	B. Width between outer surfaces of yoke			
	C. Width between inner surfaces of hole			
2.	Lower hitch point (Cat.I/ Cat.II) :-			
	D. Dia. of hitch pin			
	E. Dia. of hitch pin hole			
	F. Linch pin hole distance			
	G. Dia. of linch pin hole			
3.	Mast height			
4.	Lower hitch point span			

Place _____ Signature _____
Date : _____ Name of the Signatory : _____
Designation : _____
Address : _____

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 :