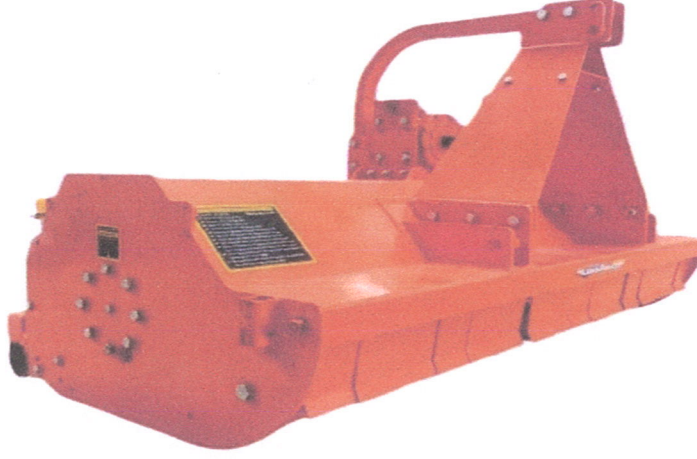


THIS TEST REPORT IS VALID UPTO 31.12.2031



LISHANTH, SRAT 5 FEET MULCHER
(Tractor Mounted, PTO Operated)



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग

Department of Agriculture 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.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: fmti-sr@nic.in

IMP-435/1813	LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO Operated)	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 31.12.2031	

Manufacturer : M/S. S R Agro tech, Sri Basaveshwara
Badavane, Bellari Road, Bheemasandra,
Tumakuru-572101, Karnataka.

Applicant : The Manufacturer

LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO Operated)

Report No.: IMP-435/1813

Month: January

Year: 2025



Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare
Southern Region Farm Machinery Training and Testing Institute
Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)
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Website: <http://srfmtti.dacnet.nic.in/>

E-mail: fnti-sr@nic.in

IMP-435/1813	LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO Operated)	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 31.12.2031	

Type of test : COMMERCIAL(ICT)

Name of Machine : Mulcher (Tractor Mounted, PTO operated)

Period of test : December, 2024 to January, 2025

Test Report No. : IMP-435/1813

Month / Year : January, 2025

- The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- The data given in this report pertain to the particular machine randomly selected by testing authority.
- The results presented in this report do not, in anyway, attribute to the durability of the machine.
- This Test Report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne, Anantapur (A.P.).
- This is a report on Commercial Test of Mulcher named "**LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO OPERATED)**" This report is valid up to **31.12.2031**, Vide Ministry's O.M. No. 13-22/2020-M&T (I&P) dated **12.12.2023**.

SELECTED CONVERSIONS

S. No.	Units	Conversion Factor
1	Force	
	1 kgf	9.80665 N
		2.20462 lbf
2	Power	
	1 hp	1.01387 metric hp (Ps)
		745.7 W
	1 Ps	735.5 W
	1 kW	1.35962 Ps
3	Pressure	
	1 psi	6.895 kPa
	1 kgf/cm ²	98.067 kPa = 735.56 mm of Hg
	1 bar	100 kPa = 10 N/cm ²
	1 mm of Hg	1.3332 m-bar

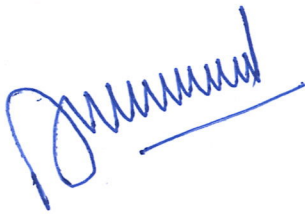


IMP-435/1813	LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO Operated)	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 31.12.2031	

12. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

- 12.1 The specification of implement hitch does not conform fully to the IS: 4468 (Pt-I)-1997. It is recommended that the same should be provided conforming to the relevant Indian Standards.
- 12.2 The specification of blades does not conform fully to the requirement of IS 6690:1981(Reaffirmed 2012) This should be looked into for corrective action.
- 12.3 The chemical composition of blades does not meet, in full, the requirement of IS: 1511-1979. This should be looked into for corrective action.
- 12.4 Dimensions of PIC of implement, in full, do not conform to IS: 4931-1995 and therefore, it should be looked into for corrective action.
- 12.5 **Marking /labeling:**
The labeling plate does not reveal all the required information. It is therefore recommended that a suitable labeling plate covering all essential components, inter alia, the following must be provided:
- i) Type
 - ii) weight (Kg)
- 12.6 **Adequacy of literature:**
The Operating, Maintenance, Service manual and parts catalogue was supplied with the Mulcher for reference during the testing in English. It is however, recommended that same may be revised as per IS: 8132- 1999.

IMP-435/1813	LISHANTH, SRAT 5 FEET MULCHER (Tractor Mounted, PTO Operated)	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 31.12.2031	

TESTING AUTHORITY

 Er. PRAMOD YADAV AGRICULTURAL ENGINEER	 Er. VIJAY KUMAR BADAYA SENIOR AGRICULTURAL ENGINEER
 Dr. B.M. NANDEDE DIRECTOR	



13. APPLICANT COMMENTS

S. No.	Reference No.	Applicant Comments
1	12.1	The specification of the implement hitch has been modified in future product as per IS: 4468(Part-I)-1997.
2	12.2	The specification of the blades has been modified in future product as per IS: 6690:1981.
3	12.3	The chemical composition of the blades has been modified in future product as per IS: 6690:1981.
4	12.4	The Dimension of PIC of implement has been modified in future product as per IS:4931-1995.
5	12.5	The labeling plate of implement has been modified in future product as per Indian Standard.
6	12.6	The machine literature, the operator manual, parts catalogue and service manual will be revised and updated as per IS 8132:1999 requirements and will bring out in Hindi & in other regional languages.