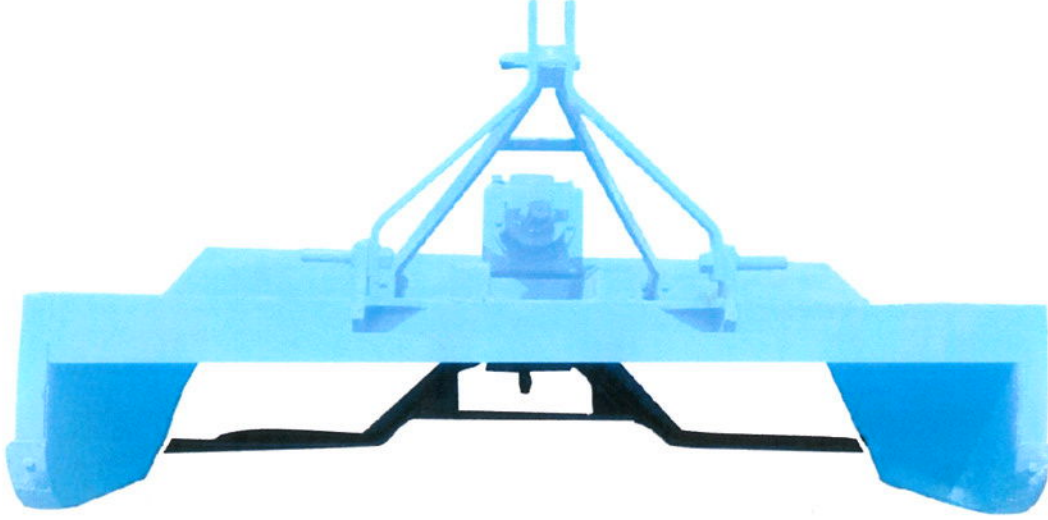


व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)
COMMERCIAL TEST REPORT (INITIAL)

संख्या/No: IMP-408/1735
माह/Month: October, 2024

THIS TEST REPORT IS VALID UP TO 30.09.2031



**SHANKAR AGRO INDUSTRY, SAI - PS
PADDY STUBBLE SLASHER (Tractor Mounted)**



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.)

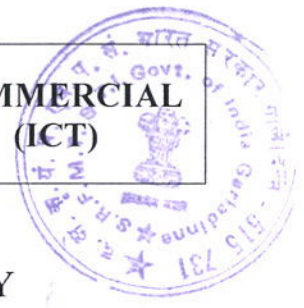
Tractor Nagar, Garladinne-515 731, District: Anantapur (A.P.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

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

E-mail: fmti-sr@nic.in

IMP-408/1735	SHANKAR AGRO INDUSTRIES, SAI - PS PADDY STUBBLE SLASHER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 30.09.2031	



Manufacturer : M/s. SHANKAR AGRO INDUSTRY
Ward No.19, CMC No.6-1-1735/1, Shiva
Jyoti Nagar, Railway Station Road,
Sindhur, Raichur Dist., Karanataka-
584128.

Applicant : The Manufacturer

SHANKAR AGRO INDUSTRY, SAI - PS PADDY STUBBLE SLASHER

Report No.: IMP-408/1735

Month: October

Year: 2024

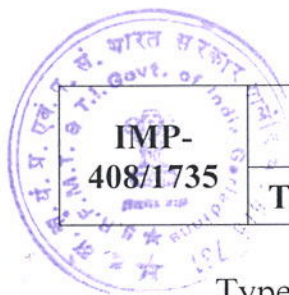


सत्यमेव जयते

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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**SHANKAR AGRO INDUSTRIES, SAI - PS
PADDY STUBBLE SLASHER**

**COMMERCIAL
(ICT)**

THIS TEST REPORT IS VALID UP TO 30.09.2031

Type of test : COMMERCIAL (ICT)

Period of test : September, 2024

Test Report No. : **IMP-408/1735**

Month / Year : October, 2024

- i) The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.
- ii) The data given in this report pertain to the particular machine randomly selected by testing authority.
- iii) The results presented in this report do not, in anyway, attribute to the durability of the machine.
- iv) 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.).
- v) This is a report on Commercial Test of Stubble slasher named "SHANKAR AGRO INDUSTRY, SAI - PS PADDY STUBBLE SLASHER". This report is valid up to **30.09.2031**, 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-408/1735	SHANKAR AGRO INDUSTRIES, SAI - PS PADDY STUBBLE SLASHER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 30.09.2031	






11. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

- 11.1 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.
- 11.2 The specification of blades does not conform fully to the requirement of IS: 1511-1979. This should be looked into for corrective action.
- 11.3 The chemical composition of blades does not meet, in full, the requirement of IS: 1511-1979. This should be looked into for corrective action.
- 11.4 Dimensions of PIC of implement, in full, do not conform to IS: 4931-1995 and therefore, it should be looked into for corrective action.
- 11.5 The cutting blade is rotating outside the shield cover from front side, the rotation of blade is beyond the cover. The blade should be covered fully inside the shield to avoid accidents during the operation. This should be looked into for corrective action.
- 11.6 **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) Thickness
- 11.7 **Adequacy of literature:**
The Operating, Maintenance, Service manual and parts catalogue was supplied with the Paddy Stubble Slasher for reference during the testing in English. It is however, recommended that same may be revised as per IS: 8132- 1999.

IMP- 408/1735	SHANKAR AGRO INDUSTRIES, SAI - PS PADDY STUBBLE SLASHER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 30.09.2031	

TESTING AUTHORITY

Er. PRAMOD YADAV AGRICULTURAL ENGINEER	
Dr. B.M. NANDEDE DIRECTOR	 

12. APPLICANT COMMENTS

Reference No.	Applicant comments
11.1	We will take corrective action to meet the requirement of IS: 4468 (Pt-I)-1997.
11.2	We will take corrective action to meet the requirement of IS: 1511-1979.
11.3	We will take corrective action to meet the requirement of IS: 1511-1979.
11.4	We will take corrective action to meet the requirement of IS: 4931-1995.
11.6	We will provide correct labelling plate in future production.
11.7	We will be brought out the literature as per IS 8132:1999.