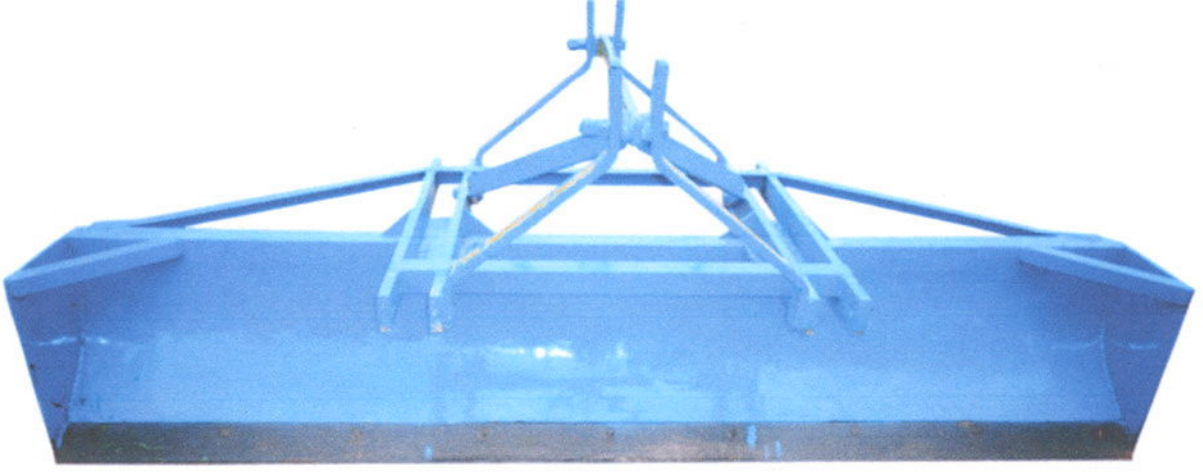


**THIS TEST REPORT IS VALID UPTO 31.10.2033**



**SAI PEERA PVS-TB TERRACER BLADE  
(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

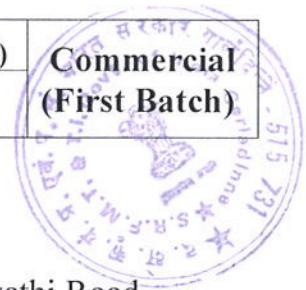
**Southern Region Farm Machinery Training and Testing Institute**

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

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

**[An ISO 9001:2015 CERTIFIED INSTITUTE]**

IMP-415/1762	SAI PEERA PVS-TB TERRACER BLADE (Tractor Mounted)	Commercial (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	



Manufacturer : Sai Peera Tractor Works,  
Beside Naresh Complex, Gangavathi Road,  
Sindhanur, Raichur (District), Karnataka -  
584 128.

Applicant : The Manufacturer

### SAI PERRA PVS-TB TERRACER BLADE

Report No. IMP-415/1762

Month: November

Year: 2024



**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.)**  
**[An ISO 9001:2015 CERTIFIED INSTITUTE]**

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

E-mail: [fmti-sr@nic.in](mailto:fmti-sr@nic.in)

**SOUTHERN REGION FARM SOUTHERN MACHINERY  
TRAINING & TESTING INSTITUTE, ANANTAPUR (A.P.)**

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<b>IMP-415/1762</b>	<b>SAI PEERA PVS-TB TERRACER BLADE (Tractor Mounted)</b> <b>THIS TEST REPORT IS VALID UP TO 31.10.2033</b>	<b>Commercial (First Batch)</b>
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Type of test : COMMERCIAL (First batch)  
Period of test : October, 2024 to November, 2024  
Test Report No. : **IMP-415/1762**  
Month / Year : November, 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 the testing authority at the manufacturer site.
- iii) The results presented in this report do not, in any way, attribute to the durability of the machine.
- iv) This report should not be reproduced in part or full without prior permission of the Director, Southern Region Farm Machinery Training and Testing Institute, Garladinne, Anantapur (A.P.).
- v) This is the first batch test report and therefore, should be read in conjunction with the test report of base model i.e. “**SAI PEERA PVS-TB TERRACER BLADE (Tractor Mounted)**” which was tested under Initial commercial testing vide test report no. **IMP-315/538**, released in January 2016. This report is valid up to **31.10.2033**, **Vide Ministry's O.M. No. 13-22/2020-M&T (I&P) dated 12.12.2023.**

### SELECTED CONVERSIONS

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



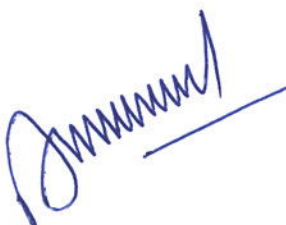


IMP-415/1762	SAI PEERA PVS-TB TERRACER BLADE (Tractor Mounted)	Commercial (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	

## 11. SUMMARY OF OBSERVATIONS, COMMENTS AND RECOMMENDATION

- 11.1** The specification of implement hitch does not conform fully to the IS: 4468-1997(Part-I). It is recommended that the same should be provided conforming to the relevant Indian Standard.
- 11.2** The specification for tractor mounted blade terracers does not conform fully to IS: 9813-2002. It is recommended that same should be provided conforming to the relevant Indian Standard.
- 11.3 Hardness & chemical analysis:**  
The hardness and chemical composition of Terracer Blade does not meet, in full, the requirement of IS: 9813-2002. This should be looked into for corrective action.
- 11.4 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, interlaid, the following must be provided:
- I. Size of Terracer Blade
  - II. Type
  - III. Country of origin
  - IV. Batch or code number
  - V. Length and width of the blade
- 11.5 Adequacy of literature:**  
User's manual is not provided during the test. However, the same must be brought out in Hindi & other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the guidance of users.  
The following literature should be provided.
- i) Service manual
  - ii) Parts catalogue

IMP-415/1762	SAI PEERA PVS-TB TERRACER BLADE (Tractor Mounted)	Commercial (First Batch)
	THIS TEST REPORT IS VALID UP TO 31.10.2033	

### TESTING AUTHORITY

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

### 13. APPLICANT COMMENTS

Sl. No.	Para No.	Comments
1	11.1	The suggestion is noted and the company would work on the same to bring specification of implement hitch to meet the requirement of IS: 4468 (Pt-1)-1997.
2	11.2	The suggestion is noted and the company would work on the same to bring specification of tractor mounted blade terracers to meet the requirement of IS: 9813-2002.
3	11.3	We will do corrective improvement in the future product for chemical analysis and hardness of terracer blade to meet the requirement of IS: IS: 9813-2002.
4	11.4	The suggestion is noted and would work on to incorporate all details in labeling plate of the implement.
5	11.5	We will be brought out literature as per IS: 8132-1999.