

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)

COMMERCIAL TEST REPORT (ICT)

संख्या/No: SPE/SRFMTTI,

ANANTAPUR/2025-26/01/01/1855

माह/Month: April, 2025

THIS TEST REPORT IS VALID UP TO 31.03.2032



**ISEKI & CO. LTD., ISEKI AGRISTAR PZ60D
SELF PROPELLED RIDE ON RICE TRANSPLANTER**



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]

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SPE/SRFMTTI, ANANTAPUR/2025-26/ 01/01/1855	ISEKI & CO. LTD., ISEKI AGRISTAR PZ60D SELF PROPELLED RIDE ON RICE TRANSPLANTER THIS TEST REPORT IS VALID UP TO 31.03.2032	
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Manufacturer, (apa)

: M/s. ISEKI & CO. LTD., 3-14, Nishi-Nippori 5 Chome, Arakawaku, Tokyo, Japan -116-8541.

Applicant

: M/s. Tractors and Farm Equipment Limited, 77 Nungambakkam High Road, Nungambakkam, Chennai-600 034, India.

**ISEKI & CO. LTD., ISEKI AGRISTAR PZ60D
SELF PROPELLED RIDE ON RICE TRANSPLANTER**

Report No.: SPE/SRFMTTI, ANANTAPUR/2025-26/01/01/1855

Month: April

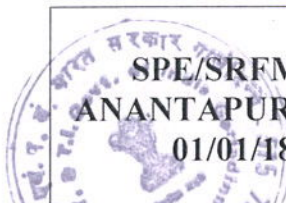
Year: 2025



**Government of India
Ministry of Agriculture and Farmers Welfare
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 SPE/SRFMTTI, ANANTAPUR/2025-26/ 01/01/1855	ISEKI & CO. LTD., ISEKI AGRISTAR PZ60D SELF PROPELLED RIDE ON RICE TRANSPLANTER	COMMERCIAL (ICT)
	THIS TEST REPORT IS VALID UP TO 31.03.2032	

Type of test : COMMERCIAL (ICT)
Period of test : August, 2024 to November, 2024
Test Report No. : **SPE/SRFMTTI, ANANTAPUR/2025-26/01/01/1855**
Month / Year of release : April, 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 directly submitted by applicant.
- The results presented in this report do not, in any way, attribute to the durability of the machine.
- 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.).
- Initially the firm has submitted the test sample under confidential test, but vide requesting letter dated **19.12.2024**, has requested to convert the nature of test from confidential to commercial
- This is a report on Commercial Test of Paddy transplanter named "**ISEKI & CO. LTD., ISEKI AGRISTAR PZ60D SELF PROPELLED RIDE ON RICE TRANSPLANTER**". This report is valid up to **31.03.2032**, 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



SPE/SRFMTTI,
ANANTAPUR/2025-26/
01/01/1855

ISEKI & CO. LTD., ISEKI AGRISTAR
PZ60D SELF PROPELLED RIDE ON
RICE TRANSPLANTER
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COMMERCIAL
(ICT)

17.3 Components/assembly inspection:

17.3.1 The transplanter and engine were dismantled 41.67 hours of operation, respectively and wear of critical components were observed within the limits.

17.3.2 The main gear box, planting box, planting arm drive mechanism and bearings were dismantled after completion of field operation and found in satisfactory working condition.

17.4 Safety provisions:

The machine is provided with various safety provisions while working in the field or moving on the road as mentioned in the **clause 5.16** of this test report.





17.5 The notations for all controls, Instrument panel, labeling plate and safety provisions are written on the machine in English language. This should be looked into for sake of Indian farmers/users.

17.6 Technical literature:

Operator's manual, technical manual and parts catalogue of Rice Transplanter and engine in separate booklet were supplied with the Rice Transplanter for reference during the test. It is however, recommended that same may be revised in Hindi and other regional languages as per IS 8132 :1999 (Reaffirmed 2004) for the sake of user & technical personnel.

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TESTING AUTHORITY

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

18. APPLICANT COMMENTS

Sl. No.	Para No.	Comments
1	17.6	Will be considered and take appropriate corrective actions.