

**THIS TEST REPORT IS VALID UPTO 30.09.2028**



**ISEKI AGRISTAR PZ60-AHGRE 18 SIX ROW SELF PROPELLED  
RIDE ON RICE TRANSPLANTER**



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि 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

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

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Tele.: 08551-286441

|                      |  |                            |
|----------------------|--|----------------------------|
| Machine-<br>526/1559 | ISEKI AGRISTAR PZ60-AHGRE 18 SIX ROW<br>SELF PROPELLED RIDE ON RICE TRANSPLANTER | COMMERCIAL<br>(1st Batch ) |
|                      | THIS TEST REPORT IS VALID UPTO 30.09.2028  |                            |

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

Applicant : Tractors and Farm Equipment Limited,  
P.O. Box No.: 3302, 35,  
Mahatma Gandhi Road,  
Nungambakkam, Chennai-600 034,  
India.

**ISEKI AGRISTAR PZ60-AHGRE 18 SIX ROW SELF PROPELLED  
RIDE ON RICE TRANSPLANTER**

Report No.: Machine- 526/1559

Month: **October**

Year: **2023**



सत्यमेव जयते

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| <b>Machine-<br/>526/1559</b> | <b>ISEKI AGRISTAR PZ60-AHGRE 18 SIX ROW<br/>SELF PROPELLED RIDE ON RICE TRANSPLANTER</b> | <b>COMMERCIAL<br/>(1st Batch )</b> |
|                              | <b>THIS TEST REPORT IS VALID UPTO 30.09.2028</b>   |                                    |

Type of test : COMMERCIAL (1<sup>st</sup> BATCH)

Name of machine : Rice Transplanter

Period of test : 24.05.2023 to 14.10.2023

Test Report No. : **Machine- 526/1559**

Month/Year of release : October 2023

- 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 selected by the testing authority at applicant's site for batch test.
- 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 a report on Commercial Test of Rice Transplanter named "ISEKI AGRISTAR PZ60-AHGRE 18 SIX ROW SELF PROPELLED RIDE ON RICE TRANSPLANTER". This report is valid up to 30.09.2028, Vide Ministry's O.M. No. 13-24/2018-M&T (I&P) dated 19.09.2018.

### 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                   |

|                      |  |                            |
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#### 16.4 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.

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

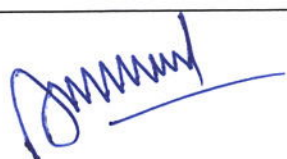


#### 16.6 Technical literature:

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.

### 16 APPLICANTS COMMENTS

The suggestions for improving the performance would be appropriately taken up and incorporated suitably in future.

### TESTING AUTHORITY

|  |   |
|--|---|
| <br>Er. PRAMOD YADAV<br>AGRICULTURAL ENGINEER | <br>Er. D.C. MOULI<br>AGRICULTURAL ENGINEER |
| <br>Dr. B.M. NANDEDE<br>DIRECTOR              |   |

