

THIS REPORT IS VALID UPTO 30.09.2028



**AGRIDON-186 POWER WEEDER**



सत्यमेव जयते

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/>

Machine- 522/1551	<b>AGRIDON-186 POWER WEEDER</b>	<b>COMMERCIAL</b>
	<b>THIS TEST REPORT IS VALID UP TO 30.09.2028</b>	

Manufacturer, (apa) : M/s. Chongqing Wanggeng Machinery Manufacturing Co. Ltd, Silong Village, Huilongba Town, Shapingba District, Chongqing City, **China**

Applicant : M/s. Minarva Multitech Mars, No 2541/2563/3, Kallukote Extension, Sirs Town, Sira, Tumakkuru, Karnataka, 572137

### **AGRIDON-186 POWER WEEDER**

Report no.: **Machine-522/1551**

Month: **October**

Year: **2023**



**Government of India**  
**Ministry of Agriculture and Farmers Welfare**  
**Department of Agriculture and Farmers Welfare**  
**Southern Region Farm Machinery Training and Testing Institute**  
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<b>Machine-522/1551</b>	<b>AGRIDON-186 POWER WEEDER</b>	<b>COMMERCIAL</b>
	<b>THIS TEST REPORT IS VALID UP TO 30.09.2028</b>	

Type of test : COMMERCIAL

Period of test : 08.05.2023 to 17.10.2023

Test Report No. : Machine-522/1551

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 randomly selected by testing authority.
- iii) The results presented in this report do not, in any, way 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 Power Weeder named "AGRIDON-186 Power Weeder". 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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### 17.6 Technical literature:

User's manual cum parts catalogue in a single booklet was provided for reference during the test. It is recommended that same must be revised and brought out in Hindi & other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the sake of user & technical personnel in booklet form.

### 18. APPLICANTS COMMENTS

All the parameters mentioned would be accepted from our company and shall work and correct the necessary observations made from your end.

### TESTING AUTHORITY

 <b>Er. PRAMOD YADAV</b> AGRICULTURAL ENGINEER	 <b>Er. D.C. MOULI</b> AGRICULTURAL ENGINEER
 <b>Dr. B.M. NANDEDE</b> DIRECTOR	

