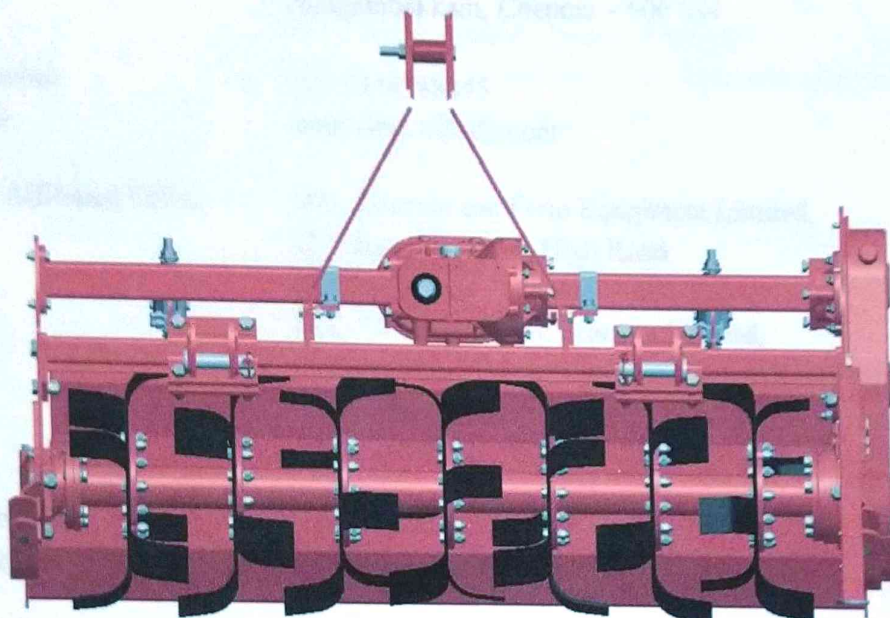


No:LD/FMTC, TRICHY/2025-26/07/80/114

Month:May, 2025

BATCH TEST REPORT
(THIS TEST REPORT VALID UPTO :08/06/2034)



TAFE AGRISTAR 714 V -42 BLADE MULTI /SINGLE SPEED ROTARY TILLER



**FARM MACHINERY TESTING CENTRE
DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
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TRICHY DISTRICT, TAMIL NADU.**



TAFE AGRISTAR 714 V -42 BLADE MULTI /SINGLE SPEED ROTARY TILLER

Manufacturer : M/s Tractors and Farm Equipment Limited,
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034
M/s. TAFE Motors & Tractors Limited,
(Subsidiary of Tractors and Farm Equipment Limited),
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034

Telephone number : +91 9444788445
e-mail address : narayanan.r@tafe.com

Subsidiary & Affiliated Office in India : M/s Tractors and Farm Equipment Limited,
77, Nungambakkam High Road,
Nungambakkam, Chennai – 600 034
M/s. TAFE Motors & Tractors Limited,
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TAFE AGRISTAR 714 V -42 BLADE MULTI /SINGLE SPEED ROTARY TILLER

Report No: LD/FMTC, TRICHY/2025-26/07/80/114

Month: May

Year: 2025



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TAFE AGRISTAR 714 V -42 BLADE MULTI /SINGLE SPEED ROTARY TILLER

Type of test	:	BATCH TEST
Name of machine	:	TAFE AGRISTAR 714 V - 42 BLADE MULTI /SINGLE SPEED ROTARY TILLER
Test Report No	:	LD/FMTC, TRICHY/2025-26/07/80/114
Test requested by	:	M/s. Tractors and Farm Equipment Limited, 77, Nungambakkam High Road, Nungambakkam, Chennai - 600 034 M/s. TAFE Motors & Tractors Limited, (Subsidiary of Tractors and Farm Equipment Limited), 77, Nungambakkam High Road, Nungambakkam, Chennai - 600 034
Testing Authority	:	Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University, Kumalur - 621 712, Trichy District.
Period of Test	:	February- April 2025

- This Test Report should not be reproduced in part or full without prior permission of the Dean, Farm Machinery Testing Centre, Agricultural Engineering College & Research Institute, Kumalur- 621712
- The data given in the Test Report pertain to the particular machine submitted for test by the Applicant.
- The data collected during the test do not in any way attribute to the durability of the machine.
- The results reported in this report are observed values and no corrections have been applied for atmospheric and site conditions.

SELECTED CONVERSIONS

S.No	Units	Conversion Factor	ABBREVIATIONS	
1.	Force		Full form	Symbols
	1 kgf	9.80665 N	As per applicant	apa
		2.20462 lb	Average	Av
2.	Power		Hectare	ha
	1 hp	1.01387 metric hp (Ps)	Rockwell Hardness	HRC
		745.7 W	Brinell Hardness	HB
	1 Ps	735.5 W	Diameter	Dia
	1 kW	1.35965 Ps	Indian Standard	IS
3.	Pressure		Mild Steel	MS
	1 psi	6.895 kPa	Not Applicable	N.A.
	1 kgf/cm ²	98.067 kPa= 735.56 mm of Hg	Not Provided	N.P.
	1 bar	100 kPa= 10 N/cm ²	Revolutions per minute	rpm
	1 mm of Hg	1.3332 m-bar	Power take-off	P.T.O

FARM MACHINERY TESTING CENTRE
DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMALUR-621 712,
TRICHY DISTRICT, TAMIL NADU.




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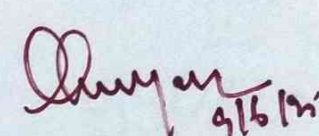
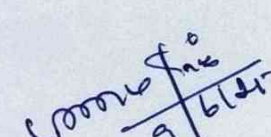

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TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	19.05.2025
REMARKS received if any	-

TESTING AUTHORITY BY

Dr.R.Thiyagarajan Principal Investigator (FMTC), Associate Professor & Head, Dept. of Farm Machinery & Power Engineering, Agricultural Engineering College & Research Institute, Kumulur - 621 712	
Dr. P. Kamaraj Co-Principal Investigator (FMTC), Associate Professor (Farm Machinery), Dept. of Farm Machinery & Power Engineering, Agricultural Engineering College & Research Institute, Kumulur - 621 712	
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(THIS TEST REPORT VALID UPTO: 08/06/2034)


Dean
AEC & RI, Kumulur

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