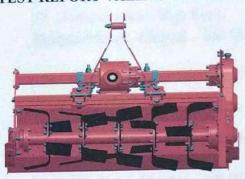
No: LD/FMTC, TRICHY/2025-26/21/94/128

Month: July, 2025

BATCH TEST REPORT (THIS TEST REPORT VALID UPTO : 20 / 07 /2034)



TAFE AGRISTAR 510 MS -20 BLADE SINGLE SPEED ROTARY TILLER





FARM MACHINERY TESTING CENTRE

DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING

AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE

TAMIL NADU AGRICULTURAL UNIVERSITY

KUMULUR – 621712, TRICHY DISTRICT (TAMIL NADU)

AN IDENTIFIED TESTING CENTRE

of

GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

(DEPT. OF AGRICULTURE COOPERATION AND FARMERS WELFARE)

Approved by Govt. of India Vide letter No. F. No 8-1/2004-My (I&P) Dated:14.09.2010)

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FARM MACHINERY TESTING CENTRE

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AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMULUR-621-712,

TRICHY DISTRICT, TAMIL NADU.

1

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 e-mail address

+91 9444788445 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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Year: 2025



FARM MACHINERY TESTING CENTRE DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE TAMILNADU AGRICULTURAL UNIVERSITY KUMULUR - 621712, TRICHY DISTRICT

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

1	BATCH TEST	
1	TAFE AGRISTAR 510 MS – 20 BLADE SINGLE SPEED ROTARY TILLER	
1	Y Ya Mark and A San Andrews	
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	Nungambakkam, Chennai - 600 034	
EN CONTRACTOR	M/s. TAFE Motors & Tractors Limited,	
48	(Subsidiary of Tractors and Farm Equipment Limited),	
	77, Nungambakkam High Road,	
	Nungambakkam, Chennai - 600 034	
1	Farm Machinery Testing Centre,	
	Department of Farm Machinery and Power Engineering	
	Agricultural Engineering College & Research Institute,	
	Tamil Nadu Agricultural University,	
	Kumulur – 621 712, Trichy District.	
1	May- June 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, Kumulur- 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	ABBREVATIONS	
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 FM7C
AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMULUR 621 712,
TRICHY DISTRICT, TAMIL NADU.

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FARM MACHINERY TESTING CENTRE

DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING

AGRICULTURAL ENGINEERING COLLEGE & RESEARCH INSTITUTE, TNAU, KUMULUR 621-72,

TRICHY DISTRICT, TAMIL NADU.

TEST CONDUCTED BY

Er. V. Kavipriya Test Engineer	Charles of the same
Date of mailing to Director, SRFMTTI, Tractor Nagar, Garladinne, Anantapur, AP.	01.07.2025
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	Dung
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	come to

(THIS TEST REPORT VALID UPTO: 20/07/2034)

AEC & RI, Kumulur