

व्यावसायिक परीक्षण रिपोर्ट (प्रारंभिक)  
COMMERCIAL TEST REPORT  
(INITIAL)

संख्याNo: Machine-460/1439  
माहMonth: October, 2022  
Validity: 30.09.2027



**STIHL FS 250( KA 250)BRUSH CUTTER**



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 (आ. प्र.)

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

**[An ISO 9001:2015 CERTIFIED INSTITUTE]**

Website: <http://srfmtti.dacnet.nic.in/>

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Tele. 08551-286441

<b>Machine-460/1439</b>	<b>STIHL FS 250( KA 250) BRUSH CUTTER</b>	<b>COMMERCIAL (ICT)</b>
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Name of Manufacturer : **M/s. ANDREAS STIHL POWER TOOLS CO. LTD. QUINGDAO, CHINA**  
(designed by Andreas Stihl AG & Co KG, Germany)

Name of Applicant : M/S. ANDREAS STIHL PVT. LTD, Plot No. E-2/5 & 2/6, Chakan Industrial Area, Phase III, Tal-Khed, Pune – 410501, Maharashtra, India

**STIHL FS 250( KA 250) BRUSH CUTTER**

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सत्यमेव जयते

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**SOUTHERN REGION FARM MACHINERY TRAINING & TESTING INSTITUTE, ANANTAPUR, (A.P.)**

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Machine-  
460/1439

STIHL FS 250( KA 250)BRUSH CUTTER

COMMERCIAL  
(ICT)

TESTING AUTHORITY



D.C. MOULI  
AGRICULTURAL ENGINEER



P.KAMALABAI  
SENIOR AGRICULTURAL ENGINEER



K.K.NAGLE  
DIRECTOR



17. Applicants Comments  
No specific comments received

ANNEXURE- I

FIELD PERFORMANCE RESULTS

Attachments used : 3 teethblade  
Place of test : At Institute, SRFMT&TI,  
Anantapur  
Usage : For cutting the elephant grass

Sl. No.	Parameters	No. of tests	
		I	II
1	Date of test	12.10.2022	13.10.2022
2	Net test duration (h)	8.0	5.0
3	Intensity of grass	Dense	Dense
4	Av. height of grass (cm)	85	100
5	Av. no. of grass per m <sup>2</sup>	239.4	207.0
6	Av. mass of grass per m <sup>2</sup> (kg)	0.98	1.02
7	Area harvested, (ha/h)	0.082	0.080
8	Av. time required for one ha (h)	12.135	12.500
9	Av. mass of grass harvested, (kg/h)	114.50	104.74
10	Av. fuel consumption		
	- l/h	1.05	1.10
	- l/ha	12.74	13.75