

प्रारंभिक व्यावसायिक परीक्षण रिपोर्ट
INITIAL COMMERCIAL TEST REPORT
THIS TEST REPORT VALID UP TO

संख्या/No. CSIR/CMERI/FMTTC/2024/025
माह/Month: June, 2024
: 31st MAY, 2031



**GREENFARM MACHINERIES PVT. LTD.
MOTORISED CHAFF CUTTER (GF-CC-9ZTB)**



कृषि मशीनरी प्रशिक्षण और परीक्षण केंद्र
Farm Machinery Training and Testing Centre
सीएसआईआर- केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान
CSIR - Central Mechanical Engineering Research Institute
महात्मा गांधी एवेन्यू, दुर्गापुर
Mahatma Gandhi Avenue, Durgapur
पश्चिम बंगाल - 713209
West Bengal - 713209
Website: <https://cmeri.res.in>

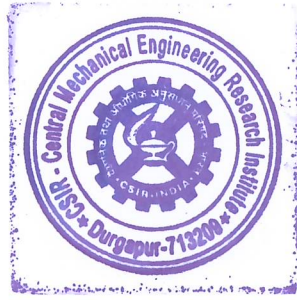
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CSIR/CMERI/FMTTC/2024/025	GREENFARM MACHINERIES PVT. LTD. MOTORISED CHAFF CUTTER (GF-CC-9ZTB) (INITIAL COMMERCIAL TEST)
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Name of Machine : Power Operated Chaff Cutter
Type : Motor Operated
Make : Greenfarm Machineries Pvt. Ltd.
Model : GF-CC-9ZTB
Name and address of Manufacturer : Human Weiyan Machinery Technology Co. Ltd.
Hongqi Group, Donghua village, Yongfeng Town, Shuangfeng County, Loudi City.
Name and address of Applicant : Greenfarm Machineries Pvt. Ltd.
(A Group company of Sanatan Merchants Pvt. Ltd.)
16 Strand Road, Diamond Heritage, 9th Floor, Unit No. 901, Kolkata – 700001
Test Conducted at : Farm Machinery Training and Testing Centre
CSIR - Central Mechanical Engineering Research Institute, M G Avenue, Durgapur, Pin – 713209, West Bengal.

THIS TEST REPORT VALID UP TO: 31ST May 2031
[vide DAC&FW OM No. 13-22/2020- M&T (I&P) dated 12.12.2023]



Report No.: CSIR/CMERI/FMTTC/2024/025	Month: April	Year: 2024
CSIR - Central Mechanical Engineering Research Institute, Durgapur - 713209 (W.B.), INDIA		

Report prepared by

[Signature]

Report verified by
[Signature]

4 SPECIFICATION

4.1 General

Type of machine	: Motor Operated
Make	: Greenfarm Machineries Pvt. Ltd.
Model	: GF-CC-9ZTB
Serial No.	: WY23082388
Name and address of manufacturer	: Human Weiyang Machinery Technology Co Ltd. Hongqi Group, Donghua village, Yongfeng Town, Shuangfeng County, Loudi City.
Year of manufacture	: 2023
Country of origin	: China

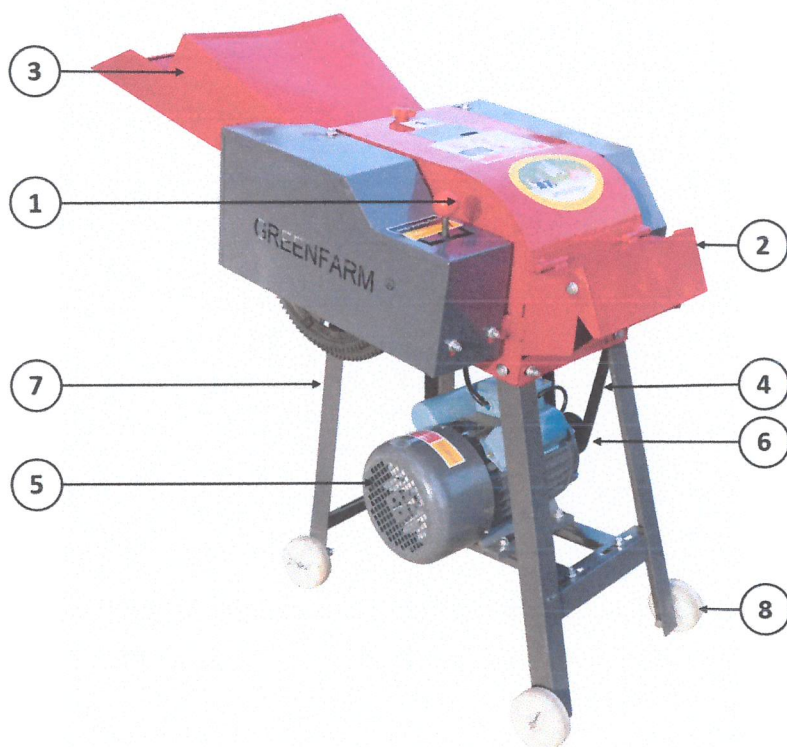


Figure - 2

Key Words:

- | | |
|------------------------|--------------------|
| 1. Gear Shifting lever | 2. Feed outlet |
| 3. Feeding Chute | 4. Belt |
| 5. Motor | 6. Pulley |
| 7. Stand/Frame | 8. Transport Wheel |

8 COMMENTS & RECOMMENDATION

- 8.1 The chemical composition of cutter blade material partially meet the requirement as per IS:1511-79 (RA 2012). It needs to be updated.
- 8.2 Cautionary notice as per BIS was not provided on machine in vernacular language. It should be provided.
- 8.3 Trough support at the rear side is not provided. It needs to be provided.
- 8.4 Minimum length of chute and conveyor needs to be updated as per BIS.
- 8.5 Adjustment of feed rate and direction of rotation of feed rolls is not provided. It needs to be provided.
- 8.6 Parts catalogue and Operator's manual was not supplied with test sample. It should be supplied.
- 8.7 The quantity of cut for dry fodder was recorded as 445.79 to 983.5 kg per hour.
- 8.8 The Performance Index for dry fodder was recorded as -146.39 to 111.34.
- 8.9 Overall performance of the machine was found satisfactory. Knocking and rattling sound was not observed during the test.

9 TECHNICAL LITERATURE

The following literature are not provided by the applicant during the test along with the application form.

- a. Users' manual book
- b. Parts' catalogue
- c. Service manual

These manuals need to be provided as per IS: 8132-1999.

TESTING AUTHORITY

Report Prepared by	Sr. Technical Officer, CSIR-CMERI Farm Machinery Testing Centre	 25/06/2024
Report Verified & Approved by	In-Charge, CSIR-CMERI Farm Machinery Testing Centre	 25.06.2024
Report Approved for release by	Head, Business Development Unit, CSIR-CMERI, Durgapur	 25/6/24

10 APPLICANT'S COMMENTS

Para No.	Our Reference	Applicant's Comments
10	8.1 to 8.9	We would like to confirm that we will comply with all your recommendations as stated in the DTR as soon as possible.

