

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

संख्या / No: IMP-388/1456
माह / Month: December, 2022
Validity: 30.11.2029



SUGAL NSF SD09 SEED CUM FERTILIZER DRILL (Tractor Mounted)



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://srfmmtti.dacnet.nic.in/>

E-mail: fmti-sr@nic.in

Tele.: 08551-286441

IMP- 388/1456	SUGAL NSF SD09 SEED CUM FERTILIZER DRILL (Tractor Mounted)	COMMERCIAL (ICT)
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Manufacturer : M/s. New Sugal Fabricators, Nagpur –
Chandrapur, Highway, Warora -442 907, Dist-
Chandrapur, Maharastra, India

Applicant : The Manufacturer

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- 11.5 Suitable clutches are not provided to stop the movement of metering mechanisms when the wheels are turned in reverse direction. This should be looked into.
- 11.6 It is recommended that a permanent metallic calibration plate indicating the metering position and quantity of seed and fertilizer should be attached under the top cover of the seed box.
- 11.7 The variation in dropping due to box filling at 3/4th, 1/2nd and 1/4th of rated capacity was excessive and calls for improvement in the design.
- 11.8 The variation of dropping of seed due to change of speed is not conforming to the limit specified in IS 6813:2000. Therefore, this should be looked into for corrective action.
- 11.9 The provided labeling plate should be as per the requirement IS.

11.10 Technical Literature:

Operation manual, Service manual, Maintenance manual and Spare parts catalogue of seed cum fertilizer drill in English was provided in a single booklet form for reference during the test. However, this may be brought out in Hindi and other regional languages as per IS: 8132- 1999 (Reaffirmed 2004) for the sake of user & technical personnel.



TESTING AUTHORITY:

B.N. DIXIT AGRICULTURAL ENGINEER	
P. KAMALABAI SENIOR AGRICULTURAL ENGINEER/DIRECTOR(I/C)	

12. APPLICANTS COMMENTS

All recommendation are taken into consideration we working on modification according to your recommendation in our future lot