

व्यावसायिक परीक्षण रिपोर्ट  
COMMERCIAL TEST REPORT



संख्या / No. : Imp.139/187  
माह / Month: September, 2013



New Swan (NSE RT 150) "Super Series" Rotavator



सत्यमेव जयते

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#### 4. SPECIFICATIONS

##### 4.1 General:

Manufacturer	: New Swan Enterprises Agro Division, C-213, Phase-8, Focal point, Ludhiana, Punjab-141010
Name of machine	: Rotavator
Make	: NEW SWAN
Model	: NSE RT 150 "Super Series" Rotavator
Type	: Gear Drive
Serial number	: 006626
Year of manufacture	: 2013
Type of blade	: Hatchet (L-Type)
Working width of implement(mm)	: 150
Recommended power source	: 35-45 hp Tractor
Prime mover used during test	: John Deere 5310

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### 11. COMMENTS AND RECOMMENDATIONS

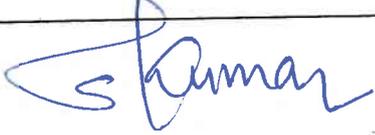
- 11.1 The specifications of implement hitch, does not conform to the IS: 4468 (Part-1)-1997. Hence, it is recommended that implement should be provided with the hitch conforming to relevant Indian Standards.
- 11.2 Dimensions of PIC of implement does not conform to IS: 4931-1995 and therefore, it should be looked into for corrective action.
- 11.3 Chemical composition of rotor blade does not conform to IS: 6690-2002. This needs to be looked into for corrective action in production level.
- 11.4 Size of implement and power requirement should also be indicated on the labeling plate.
- 11.5 **Technical literature:**  
A booklet, named Instruction manual and Parts list was provided for reference during testing.

However, it is recommended to bring out the manuals also in Hindi and other vernacular languages as per IS: 8132-1999.

### 12. APPLICANT'S COMMENTS

The applicant has no comments on the machine.

### TESTING AUTHORITY

SANJAY KUMAR AGRICULTURAL ENGINEER	
M. K. VISHWAKARMA DIRECTOR	

Test conducted and report compiled by : P.C DIHINGIA  
S.T.A.

ANSHUL PANDEY  
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