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व्यावसायिक परीक्षण रिपोर्ट
COMMERCIAL TEST REPORT

संख्या / No. : Imp. 96/140
माह / Month : September, 2011



BABA BRTG 150 ROTAVATOR



सत्यमेव जयते

भारत सरकार
GOVT OF INDIA

कृषि मन्त्रालय
MINISTRY OF AGRICULTURE

कृषि एवं सहकारिता विभाग
DEPARTMENT OF AGRICULTURE AND COOPERATION

उत्तर पूर्वी क्षेत्र कृषि यंत्र प्रशिक्षण एवं परीक्षण संस्थान
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4. SPECIFICATIONS

4.1 General:

- Manufacturer : M/s BABA FARM EQUIPMENTS
J – 1, Industrial Area,
Begrajpur, Muzaffarnagar (U.P.) – 251 203
- Name of machine : Rotavator
- Type : Tractor-Mounted (Gear drive)
- Make : BABA
- Model : BRTG-150
- Serial number : 1412 (As per labeling plate)
- Year of manufacture : 04 11 (As per labeling plate)
- Type of blade : Hatchet (L-Shaped)
- Working width of
implement (mm) : 1440
- Power source as
recommended : Above 40 HP (apa)
- Prime Mover Used during
test : New Holland 5500

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11. COMMENTS AND RECOMMENDATIONS

- 11.1 The specifications of implement hitch do not conform to the IS: 4468 (Pt-I)-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 & PIC yoke bore of PTO drive shaft do not conform to IS: 4931-1995 and therefore should be looked into.
- 11.3 Suitable stickers indicating the grade & change period of oil used in gear boxes should be pasted on Rotavator.
- 11.4 Hardness and chemical composition of rotor blades do not conform to relevant Indian Standards. This needs to be looked into for corrective action.
- 11.5 It is recommended that arrangement for changing the rotor speed to suit various soils and moisture condition should be provided.
- 11.6 Make, size of implement and power requirement should also be indicated on the labeling plate.
- 11.7 Name of manufacturer is written as BABA FARM EQUIPMENTS on the application, whereas it is written as BABA FARM EQUIPMENT on the labeling plate, which is erroneous. Necessary correction needs to be done.

TESTING AUTHORITY

P. K. PANDEY SENIOR TEST ENGINEER	
M.K. VISHWAKARMA DIRECTOR	

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12. APPLICANT'S COMMENTS

Para No.	Our Reference	Applicant's comments
12.1	11.1	This will be implemented with immediate effect.
12.2	11.2	PIC dimension are being brought in line with IS : 4931-1995.
12.3	11.3	Relevant Stickers will be developed and implemented soonest possible.
12.4	11.4	The matter is being taken up with the supplier of blades for corrective action.
12.5	11.5	We have already developed the suggested gear box which is undergoing our own trials.
12.6	11.6	Recommendation will be implemented along with correction of the name on the name plate.
12.7	11.7	Correction of name will be done with immediate effect.