



Farm Machinery Testing and Training Centre
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SPECIFICATION SHEET OF BATTERY OPERATED BOOM SPRAYER

| | | | |
|-----------|--|---|--|
| 1 | General | | |
| | Name and address of manufacturer | : | |
| | Name and address of applicant | : | |
| | Name of machine | : | |
| | Type | : | |
| | Make | : | |
| | Model | : | |
| | Batch No/Code No. | : | |
| | Capacity of Sprayer, l | : | |
| | Serial No | : | |
| | Recommended working pressure, kg/cm ² | : | |
| | Operating pressure range, kg/cm ² | : | |
| | Output capacity, l/min | : | |
| | Year of Manufacture | : | |
| Mass, kg. | : | | |
| 2 | Recommended source of power | | |
| | Performance parameters declared by applicants | : | |

| | | | |
|------------|-------------------------------------|---|--|
| 2.1 | Make | : | |
| 2.2 | Type | : | |
| | Rating | : | |
| | Voltage | : | |
| | Capacity at C20 discharge rate | : | |
| | Dimension, mm | : | |
| | Wight, kg | : | |
| | Charging efficiency | : | |
| | Charger | : | |
| | Charging system | : | |
| | Volt indicator | : | |
| | Current regulator | : | |
| | Switch, On/Off | : | |
| 3 | Pump | : | |
| | Type | : | |
| | Make | : | |
| | Model | : | |
| | Discharge, lit/min | : | |
| | Maximum Pressure, | : | |
| | Wight, kg | : | |
| | Motor | : | |
| | Duty Cycle | : | |
| | Ampere | : | |
| 4 | Optional source of power | : | |
| 4.1 | Performance parameters to be tested | : | |
| 4.2 | Main Frame | | |
| | Material | : | |
| | Type | : | |
| | Size, mm (Length X Width) | : | |

| | | | |
|------------|---|---|--|
| 4.2 | Agitation Device | : | |
| 5 | Handle | | |
| | Material | : | |
| | Size (Dia. & Length), mm | : | |
| 5.1 | Handle grip | | |
| | Material | : | |
| | Size (Dia. & Length), mm | : | |
| 6 | Tank | | |
| | Capacity, lit | : | |
| | Material | : | |
| 7 | Nozzle | | |
| | Make | : | |
| | Type | : | |
| | Designation | : | |
| | Number of nozzle | : | |
| | Number of holes | : | |
| | Size of nozzle, mm | : | |
| | Recommended operating pressure, Kg/cm ² | : | |
| | Recommended discharge rate, l/min (for Cone & Jet spray) | | |
| | Recommended cone angle at 3 kg/cm ² pressure, degree | : | |
| 8 | Filter | | |
| | Make | : | |
| | Mesh size | : | |
| | Size (dia. and length), mm | : | |
| | Arrangement | : | |
| 9 | Boom | | |
| | Type | : | |

| | | | | |
|-----------|--|------------|---|---------|
| | Material | : | | |
| | Size, mm | : | | |
| | Height from ground, mm | | | |
| | Maximum | : | | |
| | Minimum | : | | |
| | Range of adjustment of height, mm | : | | |
| | Provision of height adjustment | : | | |
| | Method of attachment | : | | |
| 10 | Parking stand | | | |
| | Type | : | | |
| | Material | : | | |
| | Size, mm | : | | |
| | No of stand | : | | |
| | Arrangement | : | | |
| 11 | Overall dimensions, mm | | | |
| | Height | : | | |
| | Length | : | | |
| | Width | : | | |
| | Colour | : | | |
| 12 | Accessories | | | |
| | For operator's safety against pesticides | : | | |
| | Tool kit | : | | |
| 13 | Mass with all accessories and without fuel and chemicals, kg | : | | |
| 14 | Mass with all accessories, fuel and chemicals tank, kg | : | | |
| 15 | Application/Area of Use | : | | |
| 16 | Marketing/Labelling | : | | |
| | Sr. no. | Parameters | : | Details |
| | 1 | Make | : | |

| | | | | |
|--|---|----------------------------------|---|--|
| | 2 | Model | : | |
| | 3 | Sr No | : | |
| | 4 | Battery rating | : | |
| | 5 | Discharge, l/min | : | |
| | 6 | Year of manufacture | : | |
| | 7 | Name and address of manufacturer | : | |

Place:

Date:

Signature: _____

Name: _____

Designation: _____