



Farm Machinery Testing and Training Centre
Department of Farm Machinery and Power
College of Agricultural Engineering and Technology
DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH
AKOLA- 444 104 (MS)



E-mail: fmtt28@gmail.com

SPECIFICATION SHEET OF BATTERY OPERATED SPRAYER

| | | | |
|------------|---|---|--|
| 1 | General | | |
| | Name of manufacturer | : | |
| | Name of machine | : | |
| | Type | : | |
| | Make | : | |
| | Model | : | |
| | Batch No/Code No. | : | |
| | Capacity of Sprayer | : | |
| | Recommended working pressure | : | |
| | Serial No | : | |
| | Output capacity, l/min (apa.) | : | |
| | Year of Manufacture | : | |
| | Mass, kg. | : | |
| 2 | Source of Power | : | |
| 2.1 | Performance parameters declared by applicants | : | |
| 2.2 | Make | : | |
| 2.3 | Type | : | |
| | Rating | | |
| | Voltage | : | |
| | Capacity at C20 discharge rate | : | |
| | Dimension, mm | : | |
| | Wight (approximate), kg | : | |
| | Charging Efficiency, % | | |
| | Capacity on discharging at(C20) constant current continuously up to cut off voltage of 10.5 V | : | |

| | | | |
|----------|---|---|--|
| | Capacity after the recharging the battery by 7.37 Ah and then again discharging up to cut of voltage 10.5 V | : | |
| | Charging efficiency | : | |
| | Charger | : | |
| | Charging system | : | |
| | Volt indicator | : | |
| | Current regulator | : | |
| | Switch, On/Off | : | |
| 3 | Pump | : | |
| | Type | : | |
| | Make | : | |
| | Model | : | |
| | Discharge, lit/min | : | |
| | Maximum Pressure, | : | |
| | Wight (app)., kg | : | |
| | Motor | : | |
| | Duty Cycle | : | |
| | Ampere | : | |
| 4 | Performance parameters declared by applicants | : | |
| 5 | Tank | | |
| | Capacity, lit | : | |
| | Material | : | |
| 6 | Nozzle | | |
| | Type | : | |
| | Number nozzle | : | |
| | Size of nozzle , ϕ mm | : | |
| | Discharge, Lit/min (Pressure at 300kPa) | : | |
| 7 | Overall dimensions,(Without hose and leaver) mm | | |
| | Height | : | |

| | | | |
|----------|---------------|---|--|
| | Length | : | |
| | Width | : | |
| | Colour | : | |
| 8 | Figure | | |
| | | | |