



Farm Machinery Testing and Training Centre
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SPECIFICATION SHEET SOLAR POWER OPERATED KNAPSACK 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 (Approx.)	:	
	Year of Manufacture	:	
Mass, kg.	:		
2	Source of Power	:	
2.1	Solar Panel for charging	:	
	Make	:	
	Tested Model	:	
	Model Covered	:	
	Module	:	
	Type	:	
	Rated Peak Power , W	:	
	Rated Voltage, Vmp	:	
	Rated Current , Amp.	:	
	Open Circuit Voltage , V	:	
	Short Circuit Current , Amp.	:	
2.2	Battery	:	
	Performance parameters declared by	:	

	applicants		
	Make	:	
	Type	:	
	Rating		
	Voltage, V	:	
	Capacity at C20 discharge rate, Ah	:	
	Dimension, mm	:	
	Wight (approximate), kg	:	
	Charging Efficiency, %		
	Capacity on discharging at(C20) constant current continuously upto cut off voltage of 10.5 V, Ah	:	
	Capacity after the recharging the battery by 8.52 Ah and then again discharging up to cut of voltage 10.5 V , Ah	:	
	Charging efficiency , %	:	
	Charger	:	
	Charging system	:	
	Volt indicator	:	
	Currant regulator	:	
	Switch, On/Off	:	
3	Optional Charger	:	
	Output Voltage	:	
	Output Current		
4	Pump	:	
	Pump Test Report provided by manufacturer	:	
	Type	:	
	Make	:	
	Model	:	
	Discharge, lit/min	:	
	Maximum Pressure, psi	:	
	Wight (app)., kg	:	
	Motor	:	
	Duty Cycle	:	

	Ampere , A	:	
5	Performance parameters declared by applicants.	:	
6	Tank		
	Capacity, lit	:	
	Material	:	
7	Nozzle		
	Type	:	
	Number nozzle	:	
	Size of nozzle ,mm	:	
	Discharge, Lit/min (Pressure at 300kPa)	:	
8	Overall dimensions,(Without hose and lever) mm		
	Height	:	
	Length	:	
	Width	:	
	Colour	:	

Place:

Date:

Signature : _____

Name : _____

Designation: _____