



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

<b>1</b>	<b>General</b>		
	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 <sup>2</sup>	:	
	Output capacity, l/min	:	
	Year of Manufacture	:	
	Mass, kg.	:	
<b>2</b>	<b>Recommended source of power</b>	:	
	Performance parameters declared by applicants	:	
<b>2.1</b>	<b>Make</b>	:	
<b>2.2</b>	<b>Type</b>	:	
	Rating	:	
	Voltage	:	

	Capacity at C20 discharge rate	:	
	Dimension, mm	:	
	Wight, kg	:	
	Charging Efficiency, %	:	
	The battery shall reach at least 100% rated capacity (12Ah) within 5 cycles when discharge cycle is repeated	:	
	The battery shall be fully charged and stored on open circuit for 120 days. After the storage the capacity shall be not less than 75% of actual capacity C <sub>a</sub> (9.285Ah)	:	
	After deep discharge and recharging, the capacity of the battery shall be not less than 75% of C <sub>20</sub> (9.00Ah)	:	
	Charging efficiency	:	
	Charger	:	
	Charging system	:	
	Volt indicator	:	
	Current regulator	:	
	Switch, On/Off	:	
<b>3</b>	<b>Pump</b>	:	
	Type	:	
	Make	:	
	Model	:	
	Discharge, lit/min	:	
	Maximum Pressure,	:	
	Wight, kg	:	

	Motor	:	
	Duty Cycle	:	
	Ampere	:	
<b>4</b>	Optional source of power	:	
<b>4.1</b>	Performance parameters declared by applicants	:	
<b>4.2</b>	<b>Piston</b>		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
<b>4.2</b>	<b>Pump cylinder</b>		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
	Stroke length, mm	:	
<b>4.3</b>	<b>Pressure chamber</b>		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
	Capacity, cm <sup>3</sup>	:	
<b>5</b>	<b>Connecting lever</b>		
	Material	:	
	Size (Dia. & Length), mm	:	
<b>6</b>	<b>Handle</b>		
	Material	:	
	Size (Dia. & Length), mm	:	
<b>6.1</b>	<b>Handle grip</b>		
	Material	:	
	Size (Dia. & Length), mm	:	
<b>7</b>	<b>Tank</b>		

	Capacity, lit			
	Material			
<b>8</b>	<b>Nozzle</b>			
	Make			
	Type			
	Designation			
	Number of nozzle			
	Number of holes			
	Size of nozzle, mm			
	Recommended operating pressure, Kg/cm <sup>2</sup>			
	Discharge, lit/min			
<b>9</b>	<b>Overall dimensions (Without hose and leaver), mm</b>			
	Height	:		
	Length	:		
	Width	:		
	Colour	:		
<b>10</b>	<b>Accessories</b>			
	For operator's safety against pesticides	:		
	Tool kit	:		
<b>11</b>	Mass with all accessories and without fuel and chemicals, kg	:		
<b>12</b>	Mass with all accessories, fuel and chemicals tank, kg	:		
<b>13</b>	Application/Area of Use	:		
<b>14</b>	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:\_\_\_\_\_