



Farm Machinery Testing and Training Centre
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SPECIFICATION SHEET OF HAND OPERATED KNAPSACK 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	:
	Output capacity, l/min	:
	Year of Manufacture	:
Mass, kg.	:	
2	Recommended source of power	
	Performance parameters declared by applicants	:
3	Pump	
	Type	:
	Make	:
	Model	:

	Discharge, lit/min	:	
	Maximum Pressure,	:	
	Wight, kg	:	
	Motor	:	
	Duty Cycle	:	
	Ampere	:	
4	Piston		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
5	Pump cylinder		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
	Stroke length, mm	:	
6	Pressure chamber		
	Material	:	
	Shape	:	
	Size (Dia. & Length), mm	:	
	Capacity, cm ³	:	
7	Connecting lever		
	Material	:	
	Size (Dia. & Length), mm	:	
8	Handle		
	Material	:	
	Size (Dia. & Length), mm	:	
8.1	Handle grip		
	Material	:	
	Size (Dia. & Length), mm	:	

9	Tank		
	Capacity, lit		
	Material		
10	Nozzle		
	Make		
	Type		
	Designation		
	Number of nozzle		
	Number of holes		
	Size of nozzle, mm		
	Recommended operating pressure, Kg/cm ²		
	Recommended discharge, ml/min (cone and jet spray)	:	
	Recommended cone angle at 3 kg/cm ² pressure, degree		
11	Overall dimensions (Without hose and leaver), 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	:
	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:_____