Farm Machinery Testing and Training Centre
Department of Farm Power and Machinery
College of Agricultural Engineering and Technology
Dr. PANJABRAO DESHMUKH KRISHI VIDYAPEETH
AKOLA- 444 104 (MS)
Email: fmtt28@gmail.com

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/cm2		
	Discharge, lit/min		
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	:	Details
1	Make	:	
2	Model	:	
3	Sr No	:	
4	Battery ratting	:	
5	Discharge, l/min	:	
6	Year of manufacture	:	
7	Name and address of manufacturer	:	

Place:

Date:

Signature:_____

Name:_____

Designation:_____