



Farm Machinery Testing and Training Centre
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SPECIFICATION SHEET OF ENGINE OPERATED SPRAYER

1	General		
	Name of manufacturer	:	
	Name of machine	:	
	Type	:	
	Make	:	
	Model	:	
	Batch No/Code No.	:	
	Capacity of Sprayer, lit/min.	:	
	Serial No	:	
	Recommended working pressure, kg/cm ²	:	
	Output capacity, lit/min.	:	
	Year of Manufacture	:	
	Mass with Accessories, kg.	:	
2	Recommended Source of Power	:	
	Prime Mover Used	:	
	Type	:	
	Make	:	
	Model	:	
	Performance parameters declared by Applicant:		
	Net power output, rpm	:	

	Continuous Rated Power, rpm		
	Net Torque , N-m	:	
	Engine No.	:	
	Country of origin	:	
2.1	Cylinder		
	Number	:	
	Disposition	:	
	Bore/Stroke, mm	:	
	Capacity, c.c.	:	
	Compression ratio	:	
	Cylinder lining	:	
2.2	Fuel and Ignition System		
	Fuel feed	:	
	Carburetor	:	
	Ignition	:	
	Magneto contact breaker point gap, mm	:	
	Spark plug Model		
	Electrode gap of spark plug, mm	:	
	Capacity of fuel tank, l	:	
2.3	Air Cleaner		
	Type	:	
	Location	:	
2.4	Lubrication		

	Type	:	
	Ratio of petrol and mixing oil	:	
	Grade of lubricating oil	:	
2.5	Cooling System		
	Type	:	Forced air cooled
	Blower	:	Rotor Provided with Vanes
	Type of Starting system	:	Manual, Recoil starter
3	Pump Description		
	Make of pump	:	
	Type	:	
	No. of Plunger/Diaphragm	:	
	Recommend pump speed for spraying, rpm	:	
	Suction Volume, lit/min	:	
	Rated pressure for spraying, Kg/cm ²	:	
	Pump, (kW)	:	
	Lubricating oil	:	
	Method of fixing	:	
4	Spray Gun		
	Make	:	
	Type	:	

	Designation	:	
	Nozzle Size , mm	:	
	Recommended operating pressure, Kg/cm ²	:	
	Discharge rate, lit/min	:	
5	Tank	:	
6	Main Frame		
	Type	:	
	Size, mm (Length X Width X Height)	:	
6.1	Power Transmission system		
	Ratio	:	
7	Agitation Device	:	
8	Mounting arrangement	:	
9	Accessories	:	
9.1	For operators safety against pesticides	:	
9.2	Tool kit	:	
10	Overall dimensions, mm		
	Length (without hose), mm	:	
	Width, mm	:	
	Height , mm	:	
11	Mass with all accessories and without fuel and chemicals, kg	:	
	Mass with all accessories, kg	:	
12	Application/Area of Use	:	

13	Marketing/Labelling		:	
	Sr. no.	Parameters	:	Details
	1	Make	:	
	2	Model	:	
	3	Sr No	:	
	5	Year of manufacture	:	
	6	e-mail/website	:	
	7	Name and address of manufacturer	:	