

## **Farm Machinery Testing and Training Centre**

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## SPECIFICATION SHEET OF ENGINE OPERATED KNAPSACK SPRAYER

1	General				
	Name and address of manufacturer	:			
	Name and address of applicant	:			
	Name of machine	:			
	Туре	:			
	Make	:			
	Model	:			
	Batch No/Code No.	:			
	Capacity of Sprayer, l	:			
	Serial No	:			
	Recommended working pressure,	:			
	kg/cm <sup>2</sup>				
	Recommended engine speed, rpm	:			
	Output capacity, l/min	:			
	Year of Manufacture	:			
	Mass, kg.	:			
2	Prime mover	:			
	Prime mover used	:			
	Make	:			
	Model	:			
	Engine. No	:			
	CM/l No.	:			

Country of origin	:		
Power, kW	:		
Rated speed, rpm	:		
Cylinder	<b>-</b>		
Number	:		
Displacement	:		
Compression ratio	:		
Cylinder lining	:		
Cubic capacity, cm <sup>3</sup>	:		
Bore/stroke, mm	:		
Fuel and lubrication system			
Type of fuel used	:		
Fuel feed	:		
Capacity of fuel tank, l	:		
Air cleaner			
Type	:		
Height of air cleaner above ground	:		
level, mm			
Location	:		
Ignition system			
Type	:		
Spark plug	:		
Electrode gap, mm	:		
Cooling system			
Type	:		
Starting system	:		
Exhaust pipe	:		
Shape	:		
Height above ground level, mm	:		
Location			
	Power, kW Rated speed, rpm  Cylinder  Number Displacement Compression ratio Cylinder lining Cubic capacity, cm³ Bore/stroke, mm  Fuel and lubrication system Type of fuel used Fuel feed Capacity of fuel tank, l  Air cleaner  Type Height of air cleaner above ground level, mm Location Ignition system  Type Spark plug Electrode gap, mm  Cooling system  Type Starting system  Exhaust pipe Shape		

10	Tank				
	Shape	:			
	Size, mm (L x B x H)	:			
	Capacity, l	:			
	Method of mounting	:			
11	Frame				
	Type	:			
	Size, mm (L x B x H)	:			
12	Agitation Device				
	Type	:			
	Method of working	:			
13	Spray nozzle				
	Type	:			
	Number nozzle	:			
	Recommended operating pressure,	:			
	kg/cm <sup>2</sup>				
	Recommended discharge, ml/min	:			
	(cone and jet spray)				
	Recommended cone angle at 3				
	kg/cm <sup>2</sup> pressure, degree				
14	Spray gun				
	Make	:			
	Type	:			
	Designation	:			
	Recommended operating pressure,	:			
	kg/cm <sup>2</sup>				
	Recommended discharge, ml/min	:			
	(cone and jet spray)				
	Recommended cone angle at 3				
	kg/cm <sup>2</sup> pressure, degree				
15	Pump				
	Make	:			
	Type	:			
	Pump body material	:			
	No. of piston	:			
	Recommend engine speed for	:			

	spraying, rpr					
	Piston diame	eter/ stroke, mm	:			
	Suction Volume, l/min		:			
	Rated pressure for spraying, kg/cm <sup>2</sup>		:			
	Nos. of tee	th of gear on engine	:			
	shaft					
	Nos. of teeth of gear on pump shaft		:			
	Gear reduc	tion ratio engine to	:			
	pump					
16	Accessories	(operator safety	:			
10	against pest	icides)				
17	Overall dimensions (Without hose			leave	r), mm	
	Height Length Width		:			
			:			
			:			
	Colour		:			
18	Mass with all accessories and		:			
	without fuel and chemicals, kg					
19	Mass with all accessories, fuel and		:			
	chemicals tank, kg					
20	Application/Area of Use		:			
21	Marketing/Labelling		:			
	Sr. no.	Parameters		:	Details	
	1	Type Make & Model Sr No Engine (make & model)		:		
	2			:		
	3			:		
	4			:		
	5 Discharge, l/min 6 Year of manufacture			:		
				:		

Place:	
Date:	Signature:
	Name:
	Designation: