



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 HTP SPRAY PUMP

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	:
	Optional connection	:
Mass, kg.	:	
2	Recommended Source of Power	
	Prime more used, kW	:
2.1	Power transmission	
	Type	:
2.1.1	Pulley	
	Material	:

	Diameter of drive pulley, mm	:	
	Diameter of driven pulley, mm	:	
	Type and size of belt	:	
	No. of belt	:	
3	Pump Description		
	Make of pump	:	
	Type	:	
	No. of Plunger	:	
	Diameter of plunger	:	
	Plunger length, mm	:	
	No. of cylinder	:	
	Recommend pump speed for spraying, rpm	:	
	Suction Volume, l/min	:	
	Rated pressure for spraying, Kg/cm ²	:	
	Pump, kW	:	
4	Spray gun	:	
	Make	:	
	Type	:	
	No. of spray gun		
	Designation	:	
	Recommended operating pressure, Kg/cm ²	:	
	Recommended discharge, ml/min (cone and jet spray)	:	
	Recommended cone angle at 3 kg/cm ² pressure, degree		
5	Tank		
	Shape	:	
	Size, mm (L x B x H)	:	
	Capacity, l	:	
	Material	:	
	Method of Mounting	:	

6	Main Frame		
	Type	:	
	Material	:	
	Size, mm (Length X Width)	:	
7	Mounting arrangement		
8	Accessories		
	For operator's safety against pesticides	:	
	Tool kit	:	
9	Overall dimensions (L x B x H), mm		
	Colour	:	
10	Mass, kg (without accessories)		
11	Application/Area of Use	:	
12	Marketing/Labelling	:	
	Sr. no.	Parameters	:
	1	Make	:
	2	Model	:
	3	Sr No	:
	4	Year of manufacture	:
	5	Name and address of manufacturer	:

Place:

Date:

Signature:_____

Name:_____

Designation:_____