



**Farm Machinery Testing and Training Centre**  
**Department of Farm Machinery and Power**  
**College of Agricultural Engineering and Technology**  
**DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH**  
**AKOLA- 444 104 (MS)**



E-mail: [fmtt28@gmail.com](mailto:fmtt28@gmail.com)

**SPECIFICATION SHEET OF SPIRAL SEPERATOR**

<b>1</b>	<b>GENERAL</b>		
	a) Name	:	
	b) Type	:	
	c) Make	:	
	d) Serial	:	
	e) Model	:	
	f) Year of manufacture	:	
	g) Different grains which tested for cleaning	:	
	h) Source of power	:	
	i) Recommended Capacity	:	
	j) Recommended Labour Requirement	:	
<b>2</b>	<b>Seed Cleaning Mechanism:</b>		
	1) Seed Cleaner		
	a) Type,	:	
	i) Gravity Type		
	ii) Screen Cleaning type		

	iii) Air Screen Cleaner type		
<b>3</b>	<b>HOPPER</b>		
	<b>Feeding Hopper</b>		
	a) Method of feeding	:	
	b) Capacity (Kg) of hopper	:	
	c) Hopper type	:	
	d) Height and location of feeding hopper	:	
	e) Feed rate adjustment	:	
	f) Material of construction	:	
<b>4</b>	Separation Zone		
	Number of spiral compartments	:	
	Number of spiral ribbons in each compartment	:	
	Slope of spiral ribbon with horizontal	:	
	Material of construction	:	

	Height of compartment rim	:	
<b>5</b>	<b>Outlets</b>		
	a) Size and location of seed discharge outlet 1	:	
	b) Size and location of seed discharge outlet 2	:	
	c) Material of construction	:	
<b>6</b>	<b>Transport Arrangement</b>		
	a) Type	:	
	b) Mode of transport	:	
<b>7</b>	<b>Specific Dimension</b>		
	a) Height	:	
	b) Bottom diameter (Base ring)	:	
	c) Top diameter (Hopper)	:	
	d) Slope of spiral	:	
	e) Height of feeding hopper	:	
	f) Ground clearance	:	
	g) Spiral Pitch	:	

<b>8</b>	<b>DETAILS OF ADJUSTMENTS:</b>		
	<b>Sl. No.</b>	<b>Adjustments</b>	<b>Method</b>
	1	Feed rate	:
<b>9</b>	Details of safety arrangement for rotating parts		:
<b>10</b>	<b>OVERALL DIMENSIONS</b>		
	Width, mm	:	
	Height, mm	:	
	Weight, kg	:	
<b>11</b>	<b>Mass of Spiral</b>		
<b>12</b>	<b>Color of Spiral</b>		

Place:

Date:

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Designation: \_\_\_\_\_