

Acurain™ 5022 SD PC



Germination
Irrigation



Irrigation
Full Coverage



Pasture
Irrigation



Field
Crops



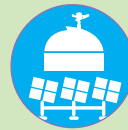
Crop
Coloring



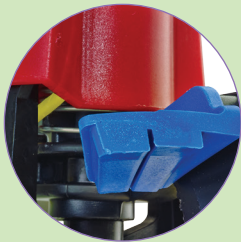
Crop Cooling



Animal
Husbandry

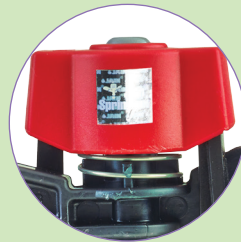


Cleaning &
Cooling



Patented Super Diffuser Plate

Innovative hammer with SD (super-diffuser) plate design for uniform distribution



Red Cap for Protection

Plastic protection cap protects the spring from sand and gives longer life to sprinkler



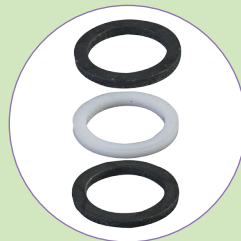
Strong and Reliable Part Circle Arrangement

Patented easy part circle mechanism for managing field corners



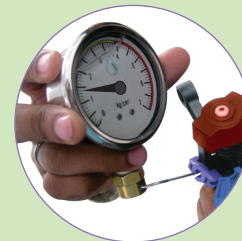
Innovative Bayonet Nozzle Design

Colour coded bayonet nozzles with integrated stream straightening vanes in nozzles for maximum throw



High Performance Washer

Long life Teflon washer helps to give uniform & hassle free rotation.



Low Pressure Operating Sprinkler

Specially designed stainless spring to work at lower pressure (1.5 kg/cm²)

Acurain 5022 SD PC

Additional Features

- Low droplet impact and low application rate ensure better conditions for perfect germination and development. The fine, low droplet impact velocity prevents splashing of sand and fertilizers on to the seedlings
- Less sensitive to clogging
- Higher resistance to wind
- Available with leakage prevention device (LPD) as an option to prevent low head drainage.

Applications

- Recommended for closely spaced field crops, such as potato, leafy vegetables, cotton, oil seeds, pulses, cereals and fodder crops.
- Can be used with 5022 SDU full circle sprinkler for field corner protection
- Suitable to use with Jain Rainport Systems.
- Orange nozzle (2.8 mm), red nozzle (3.0 mm) sprinklers used with Rainport assembly and other nozzles are used with Quick Connect Sprinkler system.

Specifications

- Discharges : 320 - 730 lph
- Diameter : 19 - 23 m
- Recommended Pressure: 1.5 kg/cm² to 4 kg/cm²
- Inlet Connection : 1/2" male threaded.

Performance Table - Acurain 5022 SD PC

	Nozzle (mm)	Pressure (kg/cm ²)	Q (lph)	D (m)
Red	2.5 Purple	1.5	320	19.0
		2.0	375	20.0
		2.5	420	21.0
		3.0	460	21.0
		3.5	490	22.0
	2.8 Orange	4.0	525	22.0
		1.5	415	21.5
		2.0	475	22.0
		2.5	530	22.5
		3.0	580	23.0
Black	3.0 Red	3.5	630	23.0
		4.0	680	23.5
		1.5	445	21.0
		2.0	520	21.5
		2.5	575	22.0
		3.0	625	22.5
	3.5	680	23.0	
	4.0	730	23.0	

Note:

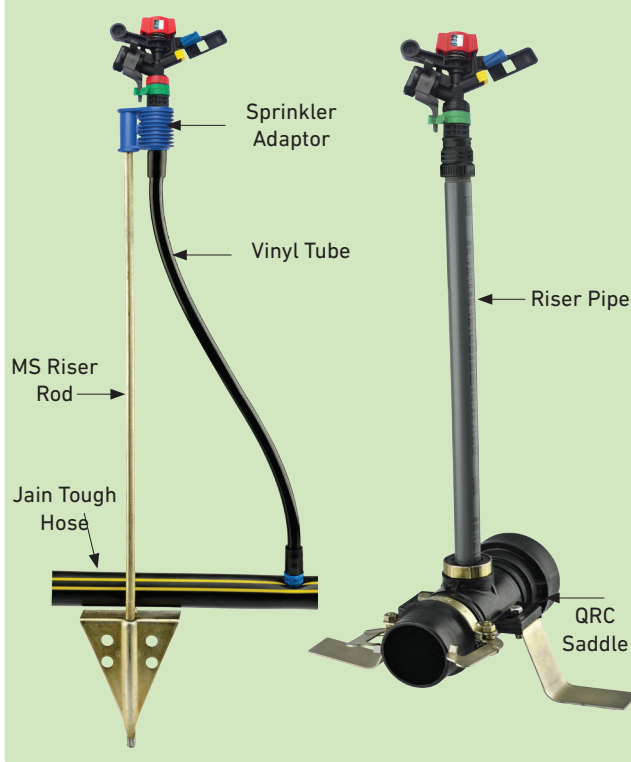
- Performance table prepared under laboratory conditions.
- For windy conditions use closer spacings.

Acurain 5022 SDU PC

Assembly for Purple & Orange Nozzle

Acurain 5022 SD PC

Assembly for Red & Green Nozzle



Ordering Specifications

5152	X	XX	19	X
	7 - Male Connection	8 - Female Connection		Digit : Nozzle Size
01 - 2.5 mm				
02 - 2.8 mm				
03 - 3.0 mm				
04 - 3.2 mm				
05 - 3.5 mm				

Example: 515270119J - This code represents 5022 SD PC sprinkler with nozzle size 2.5 mm and male connection for domestic (within India) order.

