

Acurain™ 5024 SD

ACURAIN SPRINKLER



Under Tree Irrigation



Low Angle Sprinkler for Under Tree Application

12° low angle body with lower trajectory for optimal under tree irrigation



Patented Super Diffuser Plate

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



Innovative Bayonet Nozzle Design

Color-coded bayonet nozzles for easy service



Nozzles with Guide Vanes

Integrated stream straightening vanes provided in nozzles for maximum range.



High Performance Washers

Long life Teflon washer helps to give uniform hassle free rotation



Threaded Inlet Connection

Available in 1/2" male BSP threaded connection

Acurain 5024 SD

Additional Features

- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants.
- **Quality Comes First:** Each batch is tested for stringent quality parameters.
- **Available with Anti-theft adaptor :** Also special wrench designed to open anti theft adaptor.

Applications

- Orchards and plantations, especially table grapes and bananas, or any other full coverage irrigation in orchards

Specifications

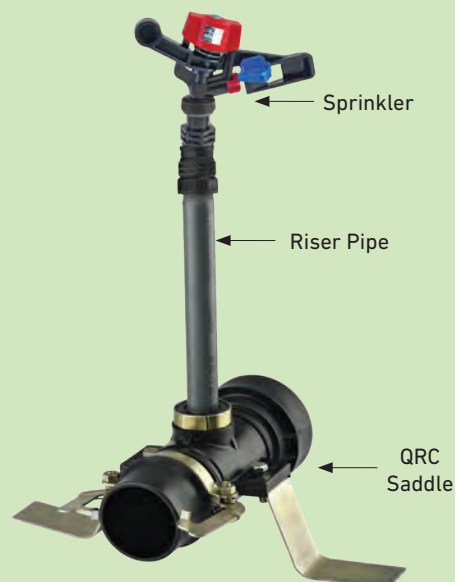
- Discharges : 430 - 965 lph
- Diameter : 17 m to 23 m
- Recommended Pressure : 1.5 kg/cm² to 4 kg/cm²
- Inlet Connection : 1/2" BSP male threaded
- Nominal operating pressure is 1.5 kg/cm². Can be used for other pressure ratings (lower / higher) after consulting company representative and due care for spacing and application rate
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section.

Technical Specifications- 5024 SD

Sleeve Color	Nozzle Color (mm)	P (kg/cm ²)	Q (lph)	D (m)	MSH* (cm)
Black	3.0 Red	1.5	430	17.0	120
		2.0	500	18.0	
		2.5	560	19.0	
		3.0	615	20.0	
		3.5	670	21.0	
		4.0	715	21.0	
	3.2 Green	1.5	510	17.0	125
		2.0	595	18.0	
		2.5	670	19.0	
		3.0	735	20.0	
		3.5	790	21.0	
		4.0	845	22.0	
	3.5 Blue	1.5	580	18.0	127
		2.0	675	19.0	
		2.5	755	20.0	
		3.0	830	21.0	
		3.5	900	22.0	
		4.0	965	23.0	

- * MSH - Max. Stream Height (from nozzle)
 - Performance table prepared under laboratory conditions
 - For windy conditions use closer spacing.

5024 SD Assembly



5024 SD with Antitheft Adaptor



Ordering Specifications - 5024 SD

Nozzle Color	Nozzle mm	Items male
Red	3.0	5152663
Green	3.2	5152664
Blue	3.5	5152665

Note: For Indian market add "J" at end of code
 1/2" Male base; plastic; Low-angle for under - tree irrigation