

Acurain™ 5024 SD U

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 U

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 : 285 - 630 lph
- Diameter : 14 m to 20 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- Acurain 5024 SD U

Sleeve Color	Nozzle Color (mm)	P (kg/cm ²)	Q (lph)	D (m)	MSH* (cm)
Red	2.5 Purple	1.5	285	14.0	100
		2.0	350	16.0	
		2.5	390	17.0	
		3.0	430	18.0	
		3.5	460	18.0	
		4.0	490	18.0	
	2.8 Orange	1.5	365	16.0	110
		2.0	450	19.0	
		2.5	500	19.0	
		3.0	550	19.0	
		3.5	590	20.0	
	4.0	630	20.0		

* MSH - Max. Stream Height (from nozzle)

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

Ordering Specifications - 5024 SD-U

Nozzle Color	Nozzle mm	Items male
Purple	2.5	5152661
Orange	2.8	5152662

Note: For Indian market add "J" at end of code

1/2" Male base; plastic; Low-angle for under - tree irrigation

Acurain 5024 SD U Assembly

