

# Acurain™ 5022 UNI

ACURAIN SPRINKLER



Germination Irrigation



Irrigation Full Coverage



Pasture Irrigation



Crop Cooling



Crop Coloring

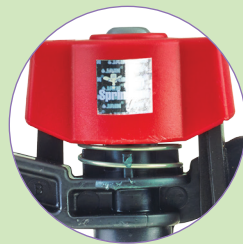


Field Crops



### Patented Super Diffuser Plate with Slotted Arm

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



### Red Cap for Protection

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



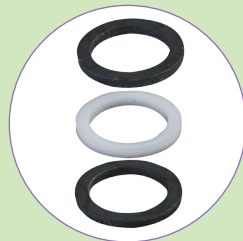
### Heavy Duty Retraction Spring

Heavy duty stainless steel fulcrum pin and strong and reliable SS spring



### Innovative Bayonet Nozzle Design

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 steel spring to work at lower pressure (1.5 kg/cm<sup>2</sup>)

# Acurain -5022 SD

## 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

- Suitable to use with Jain Rainport Systems.
- Recommended for closely spaced field crops, such as potato, leafy vegetables, cotton, oil seeds, pulses, cereals and fodder crops.
- Irrigation and germination of vegetables, flowers and nursery crops.

## Specifications

- Discharges : 440-800 lph
- Diameter : 16 m to 23 m
- Recommended Pressure : 1.5 kg/cm<sup>2</sup> to 4 kg/cm<sup>2</sup>
- Inlet Connection : 1/2" male threaded.

## Performance Table - Acurain 5022 UNI

### Dual nozzle

Precipitation rates (mm/hr) & uniformity (CU) at various spacing

Nozzle Color (mm)	P (kg/cm <sup>2</sup> )	Q (lph)	D (m)	Precipitation (mm/hr) / spacing (m)						
				8x8	8x10	9x9	9x10	10x10	9x12	10x12
2.5x1.8 Purple	1.5	440	16	6.9	5.5	5.4	4.9	4.4	4.1	
	2.0	514	18	8.0	6.4	6.3	5.7	5.1	4.8	4.3
	2.5	568	21	8.9	7.1	7.0	6.3	5.7	5.3	4.7
	3.0	622	21	9.7	7.8	7.7	6.9	6.2	5.8	5.2
	3.5	635	21	9.9	7.9	7.8	7.1	6.4	5.9	5.3
2.8x1.8 Orange	4.0	685	21	10.7	8.6	8.5	7.6	6.9	6.3	5.7
	1.5	510	18	8.0	6.4	6.3	5.7	5.1	4.7	
	2.0	560	19	8.8	7.0	6.9	6.2	5.6	5.2	4.7
	2.5	635	21	9.9	7.9	7.8	7.1	6.4	5.9	5.3
	3.0	690	22	10.8	8.6	8.5	7.7	6.9	6.4	5.8
	3.5	750	23	11.7	9.4	9.3	8.3	7.5	6.9	6.3
	4.0	800	22	12.5	10.0	9.9	8.9	8.0	7.4	6.7

Rear nozzle color: 1.8 mm, light green.

Color code - Coefficient of uniformity

□ CU < 85%   □ CU = 85-88%   □ CU = 88-92%   □ CU > 92%

Note: \* Performance table prepared under laboratory conditions.

\* For windy conditions use closer spacing.

