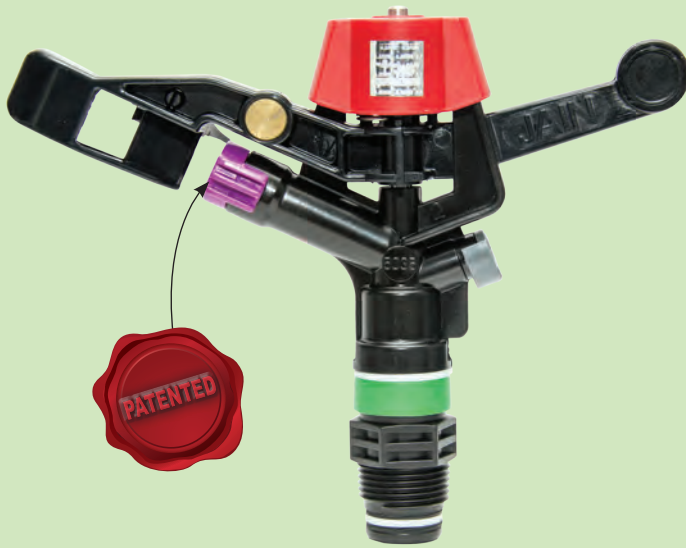


Acurain™ 5035 SD ULP

ACURAIN SPRINKLER



Germination Irrigation



Irrigation Full Coverage



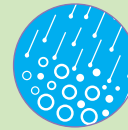
Pasture Irrigation



Field Crops



Crop Coloring



Crop Cooling



Heap Leaching



Unique Hammer With SD Plate

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



Red Cap for Protection of SS Spring

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



Heavy Duty Retraction Spring

Stainless steel retraction spring maintains uniform rotation speed



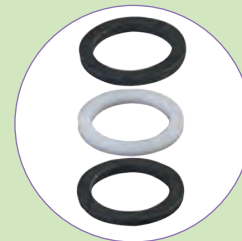
Innovative Bayonet Nozzles

Integrated stream straightening vanes in nozzles for maximum throw



Operates at low Pressure

Special sprinkler which operates at 1.5 kg/cm² pressure



Equipped with High Performance Washers

Special washers used to give uniform & hassle free rotation along with leakage prevention

Acurain 5035 SD LP

Additional Features

- High-impact, resistant heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation
- Easy to install and maintain
- Uniform precipitation rate
- High water distribution spacing up to 18m
- Higher resistance to wind
- Each batch is tested for stringent quality parameters

Application

- Suitable for field crops like pulses, oil seeds, vegetables, sugarcane, cotton, cereals, tea, coffee and fodder crops.

Specification

- Discharges : 1136 to 2631 lph
- Diameter : 22 m to 34 m
- Recommended Pressure : 1.0 to 4.0 kg/cm²
- Inlet Connection : 3/4" male threaded
- Usability : Quick Connect System

Performance Table - Acurain 5035 SD ULP

Dual Nozzle, Black Long SD

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

Sleeve Color	Nozzle Color (mm)	P (kg / cm ²)	Q (lph)	D (m)	Spacing (m)					
					12x12	12x15	12x18	15x15	15x18	18x18
Green	5.0 x 2.5L Purple	1.0	1136	22.0	7.9	6.3	5.3	5.0	4.2	3.5
		1.5	1388	26.0	9.6	7.7	6.4	6.2	5.1	4.3
		2.0	1622	28.0	11.3	9.0	7.5	7.2	6.0	5.0
		2.5	1830	30.0	12.7	10.2	8.5	8.1	6.8	5.6
		3.0	2007	32.0	13.9	11.1	9.3	8.9	7.4	6.2
		3.5	2203	33.0	15.3	12.2	10.2	9.8	8.2	6.8
	4.0	2377	34.0	16.5	13.2	11.0	10.6	8.8	7.3	
	5.5 x 2.5L Orange	1.0	1275	22.0	8.9	7.1	5.9	5.7	4.7	3.9
		1.5	1573	26.0	10.9	8.7	7.3	7.0	5.8	4.9
		2.0	1829	30.0	12.7	10.2	8.5	8.1	6.8	5.6
		2.5	2060	30.0	14.3	11.4	9.5	9.2	7.6	6.4
		3.0	2271	32.0	15.8	12.6	10.5	10.1	8.4	7.0
		3.5	2460	33.0	17.1	13.7	11.4	10.9	9.1	7.6
		4.0	2631	34.0	18.3	14.6	12.2	11.7	9.7	8.1

Colour code - Distribution uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
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P= Pressure; Q= Discharge; D = Diameter

Note:

* Performance table prepared under laboratory conditions.

* For windy conditions use closer spacings.

Ordering Specifications

Nozzle Size mm	Code
5.0 x 2.5	515351501SDULP
5.5 x 2.5	515351551SDULP

Acurain 5035 SD LP Assembly

