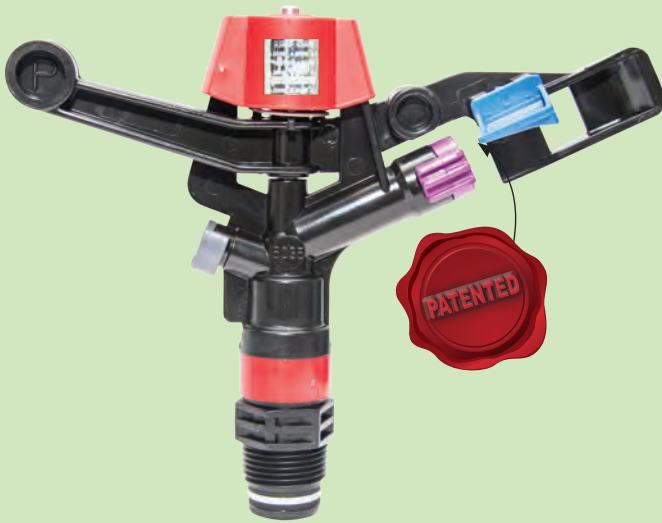


Acurain™ 5035 SD LP

ACURAIN SPRINKLER



Germination Irrigation



Irrigation Full Coverage



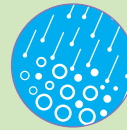
Pasture Irrigation



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



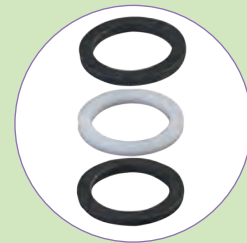
Innovative Bayonet Nozzles

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 : 940 to 2598 lph
- Diameter : 25 m to 34m
- Recommended Pressure : 1.7 to 3.0 kg/cm²
- Inlet Connection : 3/4" male threaded
- Usability : Quick Connect System

Performance Table - Acurain 5035 SD LP

Single Nozzle, Black Long SD

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

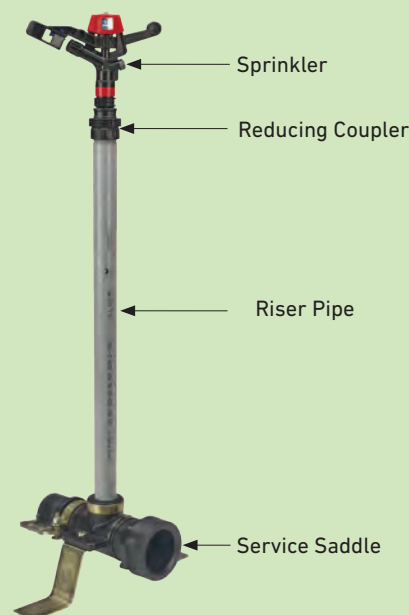
Sleeve Color	Nozzle Color (mm)	P (kg/cm ²)	Q (lph)	D (m)	Spacing (m)					
					12x12	12x15	12x18	15x15	15x18	18x18
Red	4.5 Brown	1.7	940	25.0	6.5	5.2	4.4	4.2	3.5	2.9
		2.0	1056	27.0	7.3	5.9	4.9	4.7	3.9	3.3
		2.5	1151	27.0	8.0	6.4	5.3	5.1	4.3	3.6
	5.0 Purple	3.0	1254	28.0	8.7	7.0	5.8	5.6	4.6	3.9
		1.7	1156	25.0	8.0	6.4	5.4	5.1	4.3	3.6
		2.0	1246	27.0	8.7	6.9	5.8	5.5	4.6	3.8
	5.5 Or- ange	2.5	1387	29.0	9.6	7.7	6.4	6.2	5.1	4.3
		3.0	1528	30.0	10.6	8.5	7.1	6.8	5.7	4.7
		1.7	1382	27.0	9.6	7.7	6.4	6.1	5.1	4.3
	6.0 Red	2.0	1499	28.0	10.4	8.3	6.9	6.7	5.6	4.6
		2.5	1672	31.0	11.6	9.3	7.7	7.4	6.2	5.2
		3.0	1833	32.0	12.7	10.2	8.5	8.1	6.8	5.7
6.0 Red	1.7	1616	28.0	11.2	9.0	7.5	7.2	6.0	5.0	
	2.0	1754	30.0	12.2	9.7	8.1	7.8	6.5	5.4	
	2.5	1957	32.0	13.6	10.9	9.1	8.7	7.2	6.0	
	3.0	2147	34.0	14.9	11.9	9.9	9.5	8.0	6.6	

Colour code - Distribution uniformity

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

Acurain 5035 SD LP Assembly



Dual Nozzle, Blue Short 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
Red	4.5 x 2.5L Brown	1.7	1281	26.0	8.9	7.1	5.9	5.7	4.7	4.0
		2.0	1390	27.0	9.7	7.7	6.4	6.2	5.1	4.3
		2.5	1555	28.0	10.8	8.6	7.2	6.9	5.8	4.8
		3.0	1749	29.0	12.1	9.7	8.1	7.8	6.5	5.4
	5.0 x 2.5L Purple	1.7	1500	27.0	10.4	8.3	6.9	6.7	5.6	4.6
		2.0	1622	28.0	11.3	9.0	7.5	7.2	6.0	5.0
		2.5	1830	29.0	12.7	10.2	8.5	8.1	6.8	5.6
		3.0	2007	30.0	13.9	11.1	9.3	8.9	7.4	6.2
	5.5 x 2.5L Orange	1.7	1709	27.0	11.9	9.5	7.9	7.6	6.3	5.3
		2.0	1829	28.0	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	33.0	15.8	12.6	10.5	10.1	8.4	7.0
	6.0 x 2.5L Red	1.7	1910	29.0	13.3	10.6	8.8	8.5	7.1	5.9
		2.0	2097	30.0	14.6	11.7	9.7	9.3	7.8	6.5
		2.5	2373	32.0	16.5	13.2	11.0	10.5	8.8	7.3
		3.0	2598	34.0	18.0	14.4	12.0	11.5	9.6	8.0

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.