

5035 SD



Overhead sprinklers

Plastic impact sprinkler
3/4" male

Applications: general field use with solid-set irrigation systems

- Unique hammer combined with SD (super diffuser) plate - designed for uniform distribution with single or dual nozzles
- High water distribution with spacing up to 20m
- Higher resistance to wind
- Color-coded bayonet nozzle for easy service
- Integrated stream-straightening vane for maximum range
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation

5035 SD Performance table - Dual nozzle, Blue short SD

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

Sleeve Color	Nozzle Color (mm)	P (bar)	Q (m ³ /h)	D (m)	Spacing (m)					
					12x15	12x18	15x15	15x18	18x18	20x20
Red	3.5x2.5L Blue	3.0	1.240	27.2	6.9	5.7	5.5	4.6	3.8	3.1
		4.0	1.430	27.2	7.9	6.6	6.4	5.3	4.4	3.6
		5.0	1.620	27.2	9.0	7.5	7.2	6.0	5.0	4.1
	4.0x2.5L Black	3.0	1.490	28.0	8.3	6.9	6.6	5.5	4.6	3.7
		4.0	1.740	29.0	9.7	8.1	7.7	6.4	5.4	4.4
		5.0	1.950	29.2	10.8	9.0	8.7	7.2	6.0	4.9
Black	4.5x2.5L Brown	3.0	1.790	29.7	9.9	8.3	8.0	6.6	5.5	4.5
		4.0	2.070	30.2	11.5	9.6	9.2	7.7	6.4	5.2
		5.0	2.320	32.2	12.9	10.7	10.3	8.6	7.2	5.8
	5.0x2.5L Purple	3.0	2.110	31.5	11.7	9.8	9.4	7.8	6.5	5.3
		4.0	2.400	33.2	13.3	11.1	10.7	8.9	7.4	6.0
		5.0	2.690	35.2	14.9	12.5	12.0	10.0	8.3	6.7
	5.5x2.5L Orange	3.0	2.390	32.2	13.3	11.1	10.6	8.9	7.4	6.0
		4.0	2.760	34.2	15.3	12.8	12.3	10.2	8.5	6.9
		5.0	3.090	35.0	17.2	14.3	13.7	11.4	9.5	7.7
	6.0x2.5L Red	3.0	2.700	34.2	15.0	12.5	12.0	10.0	8.3	6.8
		4.0	3.160	36.0	17.6	14.6	14.0	11.7	9.8	7.9
		5.0	3.540	34.0	19.7	16.4	15.7	13.1	10.9	8.9

5035 SD Performance table - Singel nozzle, Black long SD

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

Sleeve Color	Nozzle Color (mm)	P (bar)	Q (m ³ /h)	D (m)	Spacing (m)					
					12x15	12x18	15x15	15x18	18x18	20x20
Red	3.5 Blue	2.5	0.720	24.0	4.0	3.3	3.2			
		3.0	0.790	24.0	4.4	3.7	3.5			
		4.0	0.910	25.0	5.1	4.2	4.0	3.4		
		5.0	1.040	25.0	5.8	4.8	4.6	3.9		
	4.0 Black	2.5	0.950	26.0	5.3	4.4	4.2	3.5		
		3.0	1.040	26.0	5.8	4.8	4.6	3.9		
4.0		1.200	26.0	6.7	5.6	5.3	4.4	3.7		
Black	4.5 Brown	2.5	1.210	28.0	6.7	5.6	5.4	4.5		
		3.0	1.320	28.0	7.3	6.1	5.9	4.9	4.1	
		4.0	1.540	29.0	14.1	11.8	11.3	9.4	7.8	
		5.0	1.710	30.0	9.5	7.9	7.6	6.3	5.3	
	5.0 Purple	2.5	1.460	29.0	8.1	6.8	6.5	5.4	4.5	
		3.0	1.610	29.0	8.9	7.5	7.2	6.0	5.0	4.0
		4.0	1.870	31.0	10.4	8.7	8.3	6.9	5.8	4.7
		5.0	2.100	32.0	11.7	9.7	9.3	7.8	6.5	5.3
	5.5 Orange	2.5	1.760	30.0	9.8	8.1	7.8	6.5	5.4	4.4
		3.0	1.930	31.0	10.7	8.9	8.6	7.1	6.0	4.8
		4.0	2.230	34.0	12.4	10.3	9.9	8.3	6.9	5.6
		5.0	2.490	35.0	13.8	11.5	11.1	9.2	7.7	6.2
6.0 Red		2.5	2.060	30.0	11.4	9.5	9.2	7.6	6.4	5.2
		3.0	2.260	32.0	12.6	10.5	10.0	8.4	7.0	5.7
	4.0	2.620	34.0	14.6	12.1	11.6	9.7	8.1	6.6	
	5.0	2.940	36.0	16.3	13.6	13.1	10.9	9.1	7.4	

Color code - Distribution uniformity CU > 92% CU 88-92% CU 85-88% CU < 85%

Performance table under review

Rear nozzle color : 2.5L - grey,

Do not change nozzles from Red sleeve group to Black sleeve group or vice versa.

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

For single nozzle or dual nozzle sprinkler be sure using the recommended SD unit (appears above performance table)

5035 SD PC



Overhead sprinklers

Part-circle plastic impact sprinkler
3/4" male

Applications: irrigation of edges in various field crops

- Unique and innovative PC (Part Circle) impact sprinkler.
- Unique hammer combined with SD (super diffuser) plate - designed for uniform distribution when combined with full circle sprinkler.
- Good performance at low pressure (see chart).
- Color-coded bayonet nozzles for easy service.
- Integrated stream-straightening vane for maximum range.
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation.

5035 SD PC PERFORMANCE TABLE

Nozzle color (mm)	P (bar)	Q (m ³ /h)	D (m)
3.5* Blue	2.5	0.720	26
	3.0	0.790	27
	4.0	0.910	27
	5.0	1.020	28
4.0 Black	2.5	0.950	27
	3.0	1.040	28
	4.0	1.200	28
	5.0	1.350	29
4.5 Brown	2.5	1.210	28
	3.0	1.320	30
	4.0	1.540	31
	5.0	1.710	32
5.0 Purple	2.5	1.460	30
	3.0	1.610	31
	4.0	1.870	33
	5.0	2.100	34

*Standard nozzle

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

