

MICRO-IRRIGATION



MICRO-SPRINKLERS:

Technical Data

Micro-sprinkler flow rates:
20L/h to 135L/h

Distribution Pattern:
90° to 360°

Ridius of Micro-sprinkler:
0.3m to 4.0m

Features

- High and low density cultivation
- Economic operations
- Colour coding
- Quick-clip bayonet connectors
- Advanced flow path
- Lower cost
- Less Maintenance

Applications

- Frost Control
- Crop Cooling
- High pressure = misting
- Low Pressures = Poor distribution
- Space sprinkle

Applications:



Frost Control



Crop Cooling

Product

Performance

Table



FILTRATION	Nozzle size (mm2)	Nozzle Colour	Operating Pressure (M)	Nominal Flow (L/HR)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)	Wetted Radius (M)
130 Micron or Less Recommended	0.9		10	20	0.3	1.0	1.2	0.7	1.4x0.45	1.3	1.3	1.3
			12.5	22	0.35	1.05	1.25	0.8	1.4 5x 0.45	1.35	1.35	1.35
			15	24.5	0.4	1.1	1.3	0.9	1.5 x 0.45	1.4	1.4	1.4
200 Micron or Less Recommended	1.0		10	30	0.35	1.0	1.2	1.2	1.65 x 0.45	1.55	1.55	1.55
			12.5	33.5	0.4	1.05	1.25	1.23	1.75 x 0.45	1.6	1.6	1.6
			15	37	0.45	1.1	1.3	1.26	1.85 x 0.45	1.7	1.7	1.7
	1.1		10	40	0.45	1.0	1.2	1.25	1.95 x 0.5	1.85	1.85	1.85
			12.5	45	0.45	1.1	1.3	1.28	2.05 x 0.5	1.9	1.9	1.9
			15	49	0.5	1.15	1.35	1.31	2.2 x 0.5	1.95	1.95	1.95
	1.2		10	50	0.5	1.0	1.2	1.2	2.2 x 0.5	2.1	2.1	2.1
			12.5	56	0.55	1.1	1.3	1.3	2.35 x 0.5	2.2	2.2	2.2
			15	61	0.6	1.15	1.35	1.35	2.55 x 0.5	2.25	2.25	2.25
	1.4		10	60	0.5	1.0	1.2	1.27	2.2 x 0.6	2.1	2.1	2.1
			12.5	67	0.55	1.1	1.25	1.3	2.3 x 0.6	2.2	2.2	2.2
			15	73	0.55	1.1	1.25	1.35	2.3 x 0.6	2.2	2.2	2.2
	1.5		10	70	0.5	1.05	1.2	1.3	2.25 x 0.6	2.15	2.15	2.15
			12.5	78	0.55	1.15	1.3	1.3	2.45 x 0.6	2.3	2.3	2.3
			15	86	0.6	1.2	1.4	1.4	2.6 x 0.6	2.45	2.45	2.45
	1.7		10	90	0.5	1.05	1.2	1.3	2.25 x 0.7	2.15	2.15	2.15
			12.5	101	0.55	1.15	1.3	1.35	2.4 x 0.7	2.35	2.35	2.35
			15	110	0.6	1.25	1.4	1.5	2.6 x 0.7	2.55	2.55	2.55
2.0		10	110	0.5	1.1	1.2	1.4	2.3 x 0.7	2.2	2.2	2.2	
		12.5	123	0.55	1.2	1.3	1.5	2.45 x 0.7	2.4	2.4	2.4	
		15	135	0.6	1.3	1.45	1.7	2.65 x 0.7	2.65	2.65	2.65	



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