

Technical Data

DES Sprinklers > Mini Sprinklers

> Super XL



DESCRIPTION:

Application

- Fruit farming, nursery, horticulture

Specifics

- Slow rotation dynamic sprinkler
- 4 flow-rates available
- Working pressure: 2,5 ÷ 3,5 bar

Features

- Upwards positioning by peg
- Flow-rate identification by code colour
- Filtration: 40 mesh
- 3/8", 1/2" threaded coupling

Materials

- Polypropylene

Code	Flow-rate	Coupling	Colour		Box
			Nozzle	Pin	
OSR010	191	3/8"	purple	blue	250
OSR011	235	3/8"	yellow	blue	250
OSR012	290	3/8"	brown	green	250
OSR013	341	3/8"	orange	green	250

TECHNICAL FEATURES - H 75 cm

Flow-rate l/h	Colour	P _{max}	mH2O	
			25	30
			mt wet radius	
191	purple	30	n.a.	16,50
235	yellow	30	15,50	16,50
290	brown	30	17,00	16,00
341	orange	30	17,00	16,50

PRESSURE/FLOW RATE RATIO

Flow-rate l/h	Nozzle colour	mH2O	
		25	30
191	purple	191	209
235	yellow	235	258
290	brown	290	315
341	orange	341	373

Positioning	Ground clearance	Purple		Yellow		Brown		Orange	
		191		235		290		341	
		CU	mm/h	CU	mm/h	CU	mm/h	CU	mm/h
6 x 6	75	■	5,81	■	7,17	■	8,75	■	10,36
6 x 7	75	■	4,98	■	6,14	■	7,50	■	8,88
6 x 8	75	■	4,35	■	5,38	■	6,56	■	7,77
6 x 9	75	■	3,87	■	4,78	■	5,83	■	6,91
6 x 10	75	■	3,48	■	4,30	■	5,25	■	6,22
7 x 7	75	■	4,27	■	5,27	■	6,43	■	7,61
7 x 8	75	■	3,73	■	4,61	■	5,63	■	6,66
7 x 9	75	■	3,32	■	4,10	■	5,00	■	5,92
7 x 10	75	■	2,99	■	3,69	■	4,50	■	5,33
8 x 8	75	■	3,27	■	4,03	■	4,92	■	5,83
8 x 9	75	■	2,90	■	3,58	■	4,38	■	5,18
8 x 10	75	■	2,61	■	3,23	■	3,94	■	4,66
9 x 9	75	■	2,58	■	3,19	■	3,89	■	4,60
9 x 10	75	■	2,32	■	2,87	■	3,50	■	4,14

Upside down - pressure 25 mH2O

Legend

■ > 95% | ■ ≤ 95% ÷ > 90% | ■ ≤ 90% ÷ > 85% | ■ ≤ 85%

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Super XL - Maximum number of sprinklers (FV 10%)

Colour nozzle	Flow rate l/h	Ø pipe mm		Distance between dispensers (m)						
				4,0	5,0	6,0	7,0	8,0	9,0	10,0
Purple	191	20	mt	32	28	28	24	24	24	24
Purple	191	20	nr	8	7	7	6	6	6	6
Purple	191	25	mt	48	44	40	40	36	36	32
Purple	191	25	nr	12	11	10	10	9	9	8
Purple	191	32	mt	76	72	68	64	60	56	56
Purple	191	32	nr	19	18	17	16	15	14	14
Purple	191	40	mt	132	120	112	108	100	96	92
Purple	191	40	nr	33	30	28	27	25	24	23
Yellow	235	20	mt	28	24	24	24	20	20	20
Yellow	235	20	nr	7	6	6	6	5	5	5
Yellow	235	25	mt	44	40	36	36	32	32	28
Yellow	235	25	nr	11	10	9	9	8	8	7
Yellow	235	32	mt	68	64	56	56	52	48	48
Yellow	235	32	nr	17	16	14	14	13	12	12
Yellow	235	40	mt	116	108	100	92	88	84	80
Yellow	235	40	nr	29	27	25	23	22	21	20
Brown	290	20	mt	24	24	20	20	20	16	16
Brown	290	20	nr	6	6	5	5	5	4	4
Brown	290	25	mt	36	36	32	32	28	28	28
Brown	290	25	nr	9	9	8	8	7	7	7
Brown	290	32	mt	60	56	52	48	44	44	44
Brown	290	32	nr	15	14	13	12	11	11	11
Brown	290	40	mt	104	96	88	84	80	76	72
Brown	290	40	nr	26	24	22	21	20	19	18
Orange	341	20	mt	20	16	16	16	12	12	12
Orange	341	20	nr	5	4	4	4	3	3	3
Orange	341	25	mt	28	28	24	24	20	20	20
Orange	341	25	nr	7	7	6	6	5	5	5
Orange	341	32	mt	48	44	40	36	36	32	32
Orange	341	32	nr	12	11	10	9	9	8	8
Orange	341	40	mt	80	72	68	64	60	60	56
Orange	341	40	nr	20	18	17	16	15	15	14