

# Super XL Rotating midi-sprinkler

MINI-SPRINKLERS



- The Super XL slow rotating rotor produces a single continuous water jet stream, creating a uniform wetting pattern.
- The rotating speed is controlled by the viscous silicone fluid in the rotor's bearing.
- Available with 3/8" or 1/2" THM base
- May be mounted onto 1/2" riser or assembled with Plastro's Meteor collar adaptor on a metal rod or on a spiked plastic stake
- Applications:
  - High trajectory - for vegetables in open fields
  - Low trajectory - for undertree irrigation in widely spaced trees
  - Ideal for frost protection in orchards

### Super XL - Performance Data

Nozzle Color & Size (mm)	Pressure (bar)	Flow Rate (lph)	Water throw diameter* (m)		Application Rates (mm/h)													
			Black Rotor		Spacing (m x m) - Rectangular Layout													
			Blue cover	Green cover	6x6	6x7	6x8	6x9	6x10	7x7	7x8	7x9	7x10	8x8	8x9	8x10	9x9	9x10
White**	2.5	150																
1.6	3.0	165																
Violet***	2.5	191																
1.8	3.0	209	14.4	-	5.8	5.0	4.4	3.9	3.5	4.3	3.7	3.3	3.0	3.3	2.9	2.6	2.6	2.3
Yellow****	2.5	235	14.6	-	6.5	5.6	4.9	4.4	3.9	4.8	4.2	3.7	3.4	3.7	3.3	2.9	2.9	2.6
2.0	3.0	258	14.5	-	7.2	6.1	5.4	4.8	4.3	5.3	4.6	4.1	3.7	4.0	3.6	3.2	3.2	2.9
Brown	2.0	260	-	15.6	7.2	6.2	5.4	4.8	4.3	5.3	4.6	4.1	3.7	4.1	3.6	3.3	3.2	2.9
	2.5	290	-	15.6	8.1	6.9	6.0	5.4	4.8	5.9	5.2	4.6	4.1	4.5	4.0	3.6	3.6	3.2
2.2	3.0	315	-	15.6	8.8	7.5	6.6	5.8	5.3	6.4	5.6	5.0	4.5	4.9	4.4	3.9	3.9	3.5
	2.0	305	-	15.4	8.5	7.3	6.4	5.6	5.1	6.2	5.4	4.8	4.4	4.8	4.2	3.8	3.8	3.4
Orange	2.5	341	-	15.8	9.5	8.1	7.1	6.3	5.7	7.0	6.1	5.4	4.9	5.3	4.7	4.3	4.2	3.8
	3.0	373	-	15.4	10.4	8.9	7.8	6.9	6.2	7.6	6.7	5.9	5.3	5.8	5.2	4.7	4.6	4.1
Gray	2.0	367	-	15.0	10.3	8.8	7.7	6.9	6.2	7.6	6.6	5.9	5.3	5.8	5.1	4.6	4.6	4.1
	2.5	410	-	15.0	11.4	9.8	8.5	7.6	6.8	8.4	7.3	6.5	5.9	6.4	5.7	5.1	5.1	4.6
2.6	3.0	449	-	15.0	12.5	10.7	9.4	8.3	7.5	9.0	8.0	7.1	6.4	7.0	6.2	5.6	5.5	5.0

\* At 75 cm above ground level

\*\* Soon available

\*\*\* Minimum operating pressure: 3.0 bar

\*\*\*\* Minimum operating pressure: 2.5 bar

8x10, 9x9, 9x10 - Recommended for undertree irrigation





Four rotor types:

- High trajectory stream:
  - Black rotor + blue cover - for violet & yellow nozzles
  - Black rotor + green cover - for brown, orange & gray nozzles
- Low trajectory stream:
  - Gray rotor + blue cover - for violet & yellow nozzles
  - Gray rotor + green cover - for brown, orange & gray nozzles

Specifications:

- Flow rates at 2.5 bar:  
190, 235, 290, 340, 410 lph
- Recommended operating pressure range:  
2.0-3.5 bar (at sprinkler base)

### Super XL Recommended Applications with different Nozzles & Rotors

Rotor Cover Color	Pressure (bar)	Violet	Yellow	Brown	Orange	Gray
 Blue	2.5		☀️ ❄️			
	3.0	☀️ ❄️	☀️ ❄️			
 Green	2.5			☀️	☀️ ❄️	☀️ ❄️
	3.0			☀️ ❄️	☀️ ❄️	☀️ ❄️

- ❄️ Recommended for frost protection
- ☀️ Recommended for irrigation purposes

Effective frost protection requires a minimum precipitation rate of 3.0 mm/h.