

Acurain™ Super 10



Germination
Irrigation



Irrigation
Full Coverage



Pasture
Irrigation



Field
Crops



Crop
Coloring



Crop Cooling



Blossom
Shower



Frost
Protection



Innovative Sprinkler Design

Compact, sturdy, closed and protected ball engine



Bayonet Nozzle

Bayonet color coded nozzle for easy service



Flow Regulation Option

Available with flow regulated option with silver colored base



Road Protector Option

Specially designed road protector for part circle sprinkler



Cyclonic Plate for Rotation

Equipped with cyclonic plate in sprinkler body to guide water & ball for nozzle rotation.



Threaded Inlet Connection

Available in 1/2" male BSP threaded connection for assembling with system.

Acurain Super 10

Additional Features

- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants
- **Quality Comes First:** Each batch is tested for stringent quality parameters

Applications

- Overhead irrigation for extra-range spacing's up to 12 m.
- Recommended for closely spaced field crops, such as potato, leafy vegetables, cotton, oil seeds, pulses, cereals and fodder crops.

Specifications

- Discharges : 360-850 lph
- Diameter : 16 m to 20.5 m
- Recommended Pressure : 2.5 kg/cm² to 4 kg/cm²
- Inlet Connection : 1/2" BSP male threaded
- Operating pressure : 3 to 5 kg/cm² (For Flow regulated option)
- Easy to install with different mounting options, for details please refer to "Polyfittings & Accessories" section.
- Suitable to use with Jain Rainport Systems.

Performance Table - Acurain Super 10

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

Nozzle (mm)	P (kg/cm ²)	Q (lph)	D (m)	Precipitation (mm/hr) / spacing (m)						
				9x9	9x10	10x10	9x12	10x12	12x12	
Blue	2.5	360	17.0	4.5	4.0	3.6				
	3.0	395	17.0	4.8	4.4	3.9				
	3.5	425	16.5	5.2	4.7	4.2				
	4.0	455	16.0	5.6	5.1	4.6				
F.R.	3.0-5.0	360	18.0	4.5	4.0	3.6				
Yellow	2.5	450	20.0	5.5	5.0	4.5	4.1	3.7	3.1	
	3.0	495	20.0	6.1	5.5	4.9	4.6	4.1	3.4	
	3.5	530	19.5	6.5	5.9	5.3	4.9	4.4	3.7	
	4.0	570	19.0	7.0	6.3	5.7	5.3	4.7	3.9	
F.R.	3.0-5.0	450	20.0	5.5	5.0	4.5	4.2	3.7	3.1	
Green	2.5	550	20.0	6.7	6.0	5.4	5.0	4.5	3.8	
	3.0	600	20.0	7.4	6.7	6.0	5.6	5.0	4.2	
	3.5	650	19.5	8.0	7.2	6.5	6.0	5.4	4.5	
	4.0	695	20.0	8.6	7.7	6.9	6.4	5.8	4.8	
F.R.	3.0-5.0	550	20.5	6.8	6.1	5.5	5.1	4.6	3.8	
Red	2.5	670	20.5	8.2	7.4	6.6	6.1	5.5	4.6	
	3.0	735	20.5	9.0	8.1	7.3	6.8	6.1	5.1	
	3.5	790	20.0	9.7	8.7	7.8	7.3	6.5	5.4	
	4.0	850	20.0	10.4	9.4	8.4	7.8	7.0	5.9	
F.R.	3.0-5.0	670	20.5	8.2	7.4	6.6	6.2	5.5	4.6	

F.R. = Flow Regulator - Colour code - Coefficient of uniformity

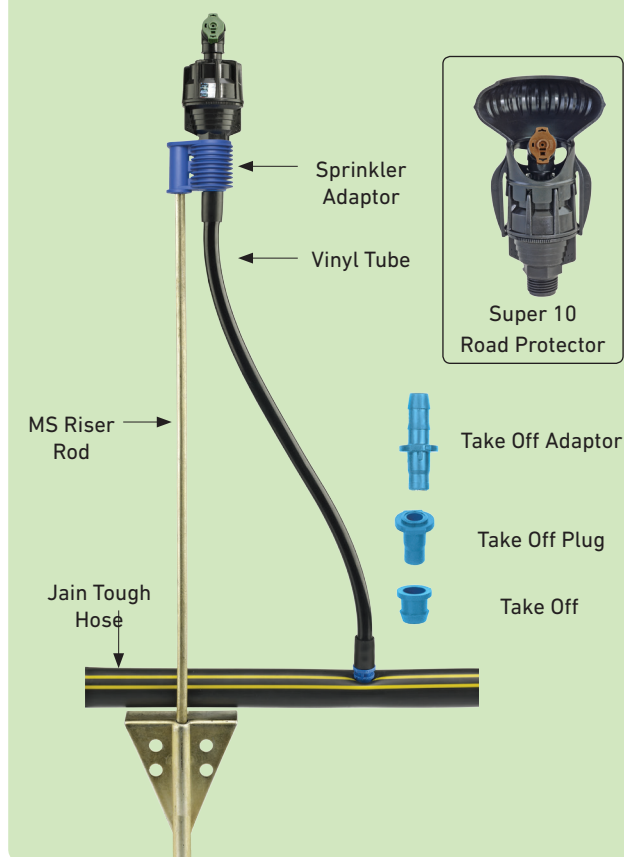
CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
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Note:

* Performance table prepared under laboratory conditions.

* For windy conditions use closer spacings.

Acurain Super 10 Assembly



Performance Table for Road Protector only

(Special Brown Nozzle)

Nozzle (mm)	P (kg/cm ²)	Q (lph)	D (m)
Brown	2.5	320	19
	3.0	350	19
	3.5	380	19
	4.0	405	19
F.R.	3.0-5.0	320	19

Ordering Specifications

Super 10	Super 10 Regulated	Nozzle Colour	Flow Rate, (lph)
335443	336443	Blue	360
335446	336446	Yellow	450
335442	336442	Green	550
335447	336447	Red	670
335440*	336440*	Brown	320

Example: 335446 - This code represents Super 10 sprinkler with yellow nozzle.

* Super 10, Brown nozzle 320 lph for road protector option only.