

AQ - 22LA

Undertree Sprinklers



Features

- Available in 1/2" Male threaded
- Color coded nozzles for easy size identification.
- Nozzle Bayonet connection for easy service in field condtions.
- Nozzles with integrated stream straightening vane for long range.
- Engineering Plastic material for durability and corrosion resistant.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 30 - 55Psi
- Recommended spacing up to 10m for higher distribution uniformity.

Application

- Low angle with multi trajectory nozzles plastic sprinkler for irrigation of undertree, bananas, vineyards, orchards and plantation.

Performance Table

Nozzle (mm)	Pressure		Coverage Diameter (mtr.)			Discharge Rate	
	kg/cm ²	Psi	9°	12°	14°	LPM	GPM
2.5 	2	28.44	15	15.5	16.5	6.1	1.61
	3	42.66	16.5	17	18	7.5	1.98
	4	56.88	17	18.5	19	8.6	2.27
2.9 	2	28.44	16	17	17.5	7.6	2.01
	3	42.66	17	18	18.5	9.3	2.46
	4	56.88	18	19.5	20	10.8	2.85
3.2 	2	28.44	17	17.5	18	9.40	2.48
	3	42.66	18	18.5	19	11.55	3.05
	4	56.88	18.5	19.5	20	13.30	3.51
3.5 	2	28.44	17.5	18	18.5	11.4	3.01
	3	42.66	18.5	20	20.5	13.9	3.67
	4	56.88	19.5	21	22	15.9	4.20

*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Three trajectories 9°, 12°, 14° can change just by replacing the nozzle.

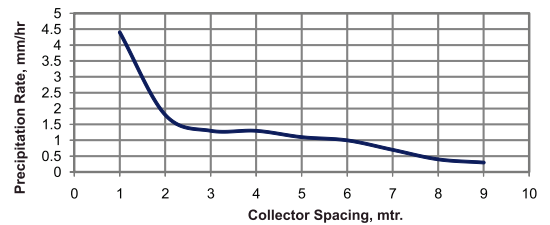
9° fights wind drift and evaporation.

12° ideal for undertree irrigation.

14° ideal for undertree irrigation.

Nozzle Size: 2.5mm Pressure: 3.0kg/cm² Trajectory: 12deg

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
08x08	87%	80%	1.1	7
09x09	83%	76%	1.1	5.6
08x10	83%	76%	1.1	5.6
09x10	83%	81%	1.2	5
10x10	85%	82%	1.2	4.5

