AQ - 22LA-W

Undertree Sprinklers

Features

- Available in ½" Male threaded
- Color coded nozzles for easy size identification.
- Nozzle Bayonet connection for easy service in field conditions.
- 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.
- Require filtration due to smaller size of nozzles.
- Recommended Pressure 1.0 - 4.0 kg/cm² or 15 - 55Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 12°

Application

- Low angle plastic sprinkler, Low volume, fast rotation, for irrigation of undertree, bananas, vineyards, plantation and **micro-climatic condition for use in orchards.**

Performance Table

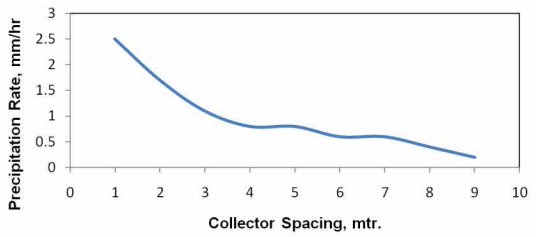
Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate		MSH
	kg/cm²	Psi	mtr.	ft.	LPM	GPM	cm
1.8	1	14.22	14	45.92	2.42	0.64	80
	1.5	21.33	15	49.20	2.85	0.75	
	2	28.44	16	52.48	3.25	0.86	
	2.5	35.55	17	55.76	3.60	0.95	
	3	42.66	17.5	57.40	4.00	1.06	
	3.5	49.77	18	59.04	4.25	1.12	
	4	56.88	19	62.32	4.65	1.23	
*2	1	14.22	14.5	47.56	2.90	0.77	95
	1.5	21.33	15	49.20	3.55	0.94	
	2	28.44	16.5	54.12	4.05	1.07	
	2.5	35.55	17	55.76	4.50	1.19	
	3	42.66	18	59.04	4.90	1.29	
	3.5	49.77	18.5	60.68	5.35	1.41	
	4	56.88	19	62.32	5.75	1.52	
2.2	1	14.22	15	49.20	3.20	0.85	100
	1.5	21.33	16.5	54.12	4.00	1.06	
	2	28.44	17.5	57.40	4.50	1.19	
	2.5	35.55	18	59.04	5.10	1.35	
	3	42.66	18.5	60.68	5.55	1.47	
	3.5	49.77	19	62.32	6.10	1.61	
	4	56.88	19.5	63.96	6.50	1.72	
2.5	1	14.22	15.5	50.84	4.35	1.15	105
	1.5	21.33	17	55.76	5.25	1.39	
	2	28.44	19	62.32	6.10	1.61	
	2.5	35.55	19.5	63.96	6.80	1.80	
	3	42.66	20	65.60	7.52	1.99	
	3.5	49.77	20	65.60	8.15	2.15	
	4	56.88	21	68.88	8.60	2.27	

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

* Standard Nozzle; msh = Max. Stream Height (above nozzle)

Nozzle Size: 2.0mm Pressure: 2.0kg/cm²

Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R6.0 x 6.0	90%	85%	1.3	5.2
R7.0 x 7.0	87%	81%	1.3	3.8
R8.0 x 8.0	89%	88%	1.1	2.9
R9.0 x 9.0	88%	81%	1.3	2.3
R10.0 x 10.0	87%	82%	1.3	1.9