

AQ-22

Overhead Sprinklers







Features

- Available in 1/2" 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.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 28.45 -56.85Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 24°

Application

- All row crops irrigation compatible by overhead irrigation on solid set systems - portable or permanent.
- Agriculture fields and germination of vegetable, flowers & nursery crops.

Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
2.9x1.8 	2	28.44	20	65.60	10.08	2.66
	2.5	35.55	20.4	66.91	11.25	2.97
	3	42.66	20.8	68.22	12.33	3.26
	3.5	49.77	21	68.88	13.33	3.52
	4	56.88	21	68.88	14.17	3.74
3.2 x 1.8 	2	28.44	21.0	68.88	11.94	3.15
	2.5	35.55	21.6	70.85	13.43	3.55
	3	42.66	21.6	70.85	14.78	3.90
	3.5	49.77	22.0	72.16	15.86	4.19
3.5x2.4 	2	28.44	21.6	70.85	16.67	4.40
	2.5	35.55	22.0	72.16	18.91	5.00
	3	42.66	22.4	73.47	20.83	5.50
	3.5	49.77	23.0	75.44	22.50	5.94
	4	56.88	23.0	75.44	24.17	6.38
4.0x2.4 	2	28.44	22.0	72.16	19.08	5.04
	2.5	35.55	22.4	73.47	21.25	5.61
	3	42.66	23.0	75.44	23.58	6.23
	3.5	49.77	23.6	77.41	25.67	6.78
4	56.88	24.0	78.72	27.50	7.26	

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

Spray Nozzle



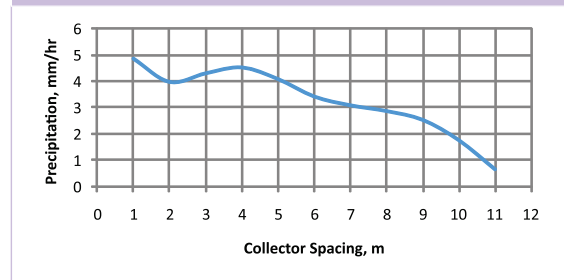
1.8 (Green Color)



2.4 (Yellow Color)

Nozzle Size: 3.2x1.8mm Pressure: 3 kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
9.0 x 9.0	97%	96%	1	10.9
9.0 x 10.0	94%	89%	1.2	9.9
10.0 x 10.0	91%	88%	1.1	8.9
9.0 x 12.0	93%	82%	1.3	8.2
10.0 x 12.0	89%	83%	1.3	7.4
12.0 x 12.0	86%	80%	1.5	6.2

