

AQ-15

Overhead Sprinklers



Features

- Available in 1/2" or 3/4" BSP/NPT Female threaded
- Durable Zamac Pressure Die Casted Body & Arm.
- Heavy duty Brass Nut, Tube and nozzles.
- Plastic parts made of engineering plastic for durability.
- Stainless Steel Pivot Pin and springs
- Recommended Pressure 1.0 - 3.0 kg/cm² or 15 - 45Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 30°

Application

- All row crops irrigation compatible by overhead irrigation on Solid sets - Portable and permanent systems.

Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
4.0 x 2.5	1	14.22	18	59.04	13	3.43
	1.5	21.33	21	68.88	16.8	4.44
	2	28.44	24	78.72	19.7	5.20
	2.5	35.55	25	82.00	22.2	5.86
	3	42.66	27	88.56	24.7	6.52
4.5 x 2.5	1	14.22	18	59.04	16.7	4.41
	1.5	21.33	22	72.16	20	5.28
	2	28.44	24	78.72	24.2	6.39
	2.5	35.55	25	82.00	26.7	7.05
	3	42.66	27	88.56	29.7	7.84
4.5 x 3.0	1	14.22	18	59.04	17.5	4.62
	1.5	21.33	22	72.16	20.9	5.52
	2	28.44	24	78.72	25	6.60
	2.5	35.55	26	85.28	28.4	7.50
	3	42.66	27	88.56	31	8.19
5.0 x 3.0	2	28.44	25	82.00	29.2	7.71
	2.5	35.55	26	85.28	33.4	8.82
	3	42.66	27	88.56	35.9	9.48
	3.5	49.77	28	91.84	38.4	10.14
	4	56.88	29	95.12	39.2	10.35

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

Spacing (m)	CU%	DU%	SC(5%)	APR
9.0 x 9.0	94%	89%	1.3	26.37
10.0 x 10.0	91%	85%	1.3	19.7
11.0 x 11.0	90%	85%	1.2	16.3
12.0 x 12.0	90%	87%	1.1	13.7

Nozzle Size: 5.0 x 3.0mm Pressure: 3.0kg/cm²

Distribution Curve

