

AQ - 20 (Hybrid)

Overhead Sprinkler



Features

- 1/4" BSP/NPT male threaded inlet connection.
- Body & Arm made of durable light weight engineering plastic for low pressure application.
- Heavy duty Brass Nut, Tube & nozzle for long life.
- Stainless Steel Pivot Pin, Springs.
- Plastic Arm with 2nos. Press fitted plated weight for good impact balancing & avoid wind effect .
- Bearing & Sealing washers are made of special material for extending life.
- Recommended Pressure 1.0 - 3.0 kg/cm² or 15 - 45Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 24°

Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
4.1* 3.17	1	14.22	19	62.32	18.83	4.97
	2	28.44	21	68.88	26.83	7.09
	3	42.66	22	72.16	32.83	8.67
4.36* 3.17	1	14.22	19	62.32	21.5	5.68
	2	28.44	22	72.16	29.67	7.84
	3	42.66	24	78.72	35.83	9.46
4.76* 3.17	1	14.22	21	68.88	23.5	6.21
	2	28.44	24	78.72	33	8.72
	3	42.66	25	82	40.67	10.74
5.15* 3.17	1	14.22	24	78.72	25.33	6.69
	2	28.44	25	82	36.17	9.55
	3	42.66	26	85.28	44.5	11.75

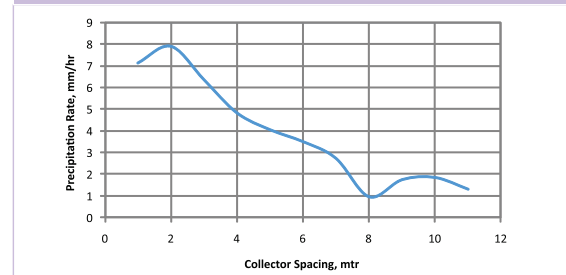
*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.

Application

- All crops irrigation compatible by overhead irrigation on Solid set, permanent set, hard lines, portable lines etc.
- Use for low pressure agriculture field, fruit farming and vegetable farming.

Nozzle Size : 4.1x3.1mm Pressure: 2.0 kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
9.0 x 9.0	89%	83%	1.2	16.6
10.0 x 10.0	91%	85%	1.2	13.4
11.0 x 11.0	89%	85%	1.3	11.1
12.0 x 12.0	88%	83%	1.2	9.3