

# AQ - 20LA

## Undertree Sprinklers



### Features

- 3/4" BSP/NPT male threaded
- Durable Bronze body and arm.
- Heavy duty Brass Nut & Tube.
- Stainless Steel Pivot Pin, Springs
- Bearing & Sealing washers are made of material for extending life.
- Recommended Pressure 3.0 - 4.5 kg/cm<sup>2</sup> or 35 - 65Psi
- Recommended spacing up to 15m for higher distribution uniformity.
- Trajectory Angle: 10°

### Application

- It can be applied to Undertree, bananas, vineyards, orchards and all kind of cultivation in windswept land.
- Better wind fighting ability with long flow range.

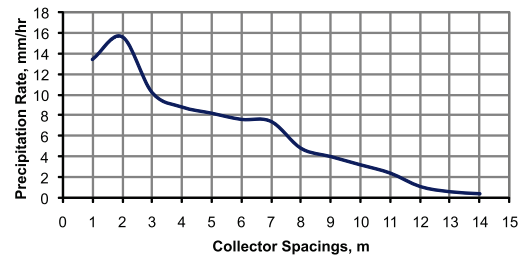
### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
3.57 *3.17	9/64" x 1/8"	3	42.66	26.2	85.94	24.4	6.44
		3.5	49.77	26.8	87.9	26.2	6.92
		4	56.88	27.4	89.87	28.2	7.45
		4.5	63.99	28	91.84	30.4	8.03
3.96 *3.17	5/32" x 1/8"	3	42.66	26.6	87.25	26.3	6.95
		3.5	49.77	27	88.56	28.5	7.53
		4	56.88	27.4	89.87	31.2	8.24
		4.5	63.99	28	91.84	32.8	8.66
4.76 *3.17	3/16" x 1/8"	3	42.66	27.2	89.22	33.6	8.87
		3.5	49.77	27.6	90.53	36.8	9.72
		4	56.88	28	91.84	39.1	10.33
		4.5	63.99	28.4	93.15	42.4	11.2
5.15 *3.17	13/64" x 1/8"	3	42.66	27.8	91.18	37	9.77
		3.5	49.77	28	91.84	40.5	10.7
		4	56.88	28.2	92.5	43.3	11.44
		4.5	63.99	28.8	94.46	46.5	12.28
5.55 *3.17	7/32" x 1/8"	3	42.66	27.8	91.18	41.5	10.96
		3.5	49.77	28.2	92.5	45.1	11.91
		4	56.88	28.4	93.15	48.4	12.78
		4.5	63.99	29	95.12	51.2	13.52
5.95 *3.17	15/64" x 1/8"	3	42.66	27.8	91.18	44.2	11.67
		3.5	49.77	28.2	92.5	49.2	13
		4	56.88	28.6	93.81	52.3	13.81
		4.5	63.99	29.4	96.43	55.4	14.63

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

Nozzle Size: 4.76x3.17mm Pressure: 4.0 kg/cm<sup>2</sup>

### Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
R9.0 x 9.0	94%	93%	1.1	29
R10.0 x 10.0	96%	95%	1	23.5
R11.0 x 11.0	95%	93%	1.1	19.4
R12.0 x 12.0	93%	91%	1.1	16.3
R13.0 x 13.0	94%	91%	1.1	13.9
R14.0 x 14.0	94%	94%	1.1	12
R15.0 x 15.0	93%	89%	1.1	10.4



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