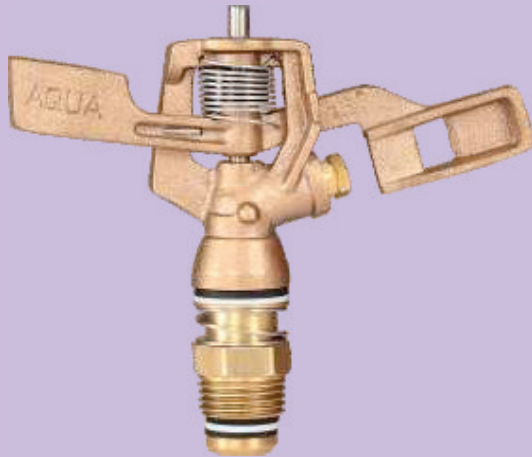


AQ - 5N15

Undertree Sprinklers



Features

- Available in 1/2" BSP/NPT Male threaded
- Nozzle above 3.17mm with stream straightening vane for long range.
- Durable Bronze body and arm
- Heavy duty brass Nut and tube
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 2 - 4.5 kg/cm² or 30 -65Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 15°

Application

- Low volume, Low angle metal sprinkler for irrigation of undertree, bananas, vineyards, orchards and plantation.

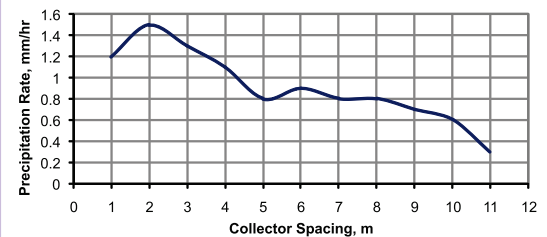
Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm ²	Psi	mtr.	ft.	LPM	GPM
2.38	3/32"	2	28.44	19	62.32	5.4	1.43
		2.5	35.55	19.5	63.96	5.95	1.57
		3	42.66	20	65.6	6.5	1.72
		3.5	49.77	20.5	67.24	6.9	1.82
		4	56.88	21.5	70.52	7.4	1.95
2.77	7/64"	2	28.44	20	65.6	7.5	1.98
		2.5	35.55	20.5	67.24	8.35	2.21
		3	42.66	21	68.88	8.95	2.36
		3.5	49.77	21.5	70.52	9.9	2.61
		4	56.88	22	72.16	10.35	2.73
3.17	1/8"	2	28.44	20.5	67.24	9.58	2.53
		2.5	35.55	21	68.88	10.8	2.85
		3	42.66	21.5	70.52	11.6	3.06
		3.5	49.77	22	72.16	12.8	3.38
		4	56.88	22.5	73.8	13.4	3.54
3.57	9/64"	2	28.44	21	68.88	11.8	3.12
		2.5	35.55	21.5	70.52	13.2	3.49
		3	42.66	22	72.16	14.45	3.82
		3.5	49.77	22.5	73.8	15.55	4.11
		4	56.88	23	75.44	16.7	4.41
		4.5	63.99	24	78.72	17.25	4.56

*Performance is based on ideal conditions of Temperature, wind velocity and Humidity.
 **On higher pressure (above 3 Kg/cm²) stream straightener is recommended for all the nozzles.

Nozzle Size: 2.77mm Pressure: 3.5kg/cm²

Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
8 x 8	89%	79%	1.4	9.28
9 x 9	92%	89%	1.1	7.33
10 x 10	93%	88%	1.2	5.94
11 x 11	87%	77%	1.4	4.91
12 x 12	85%	77%	1.5	4.13

