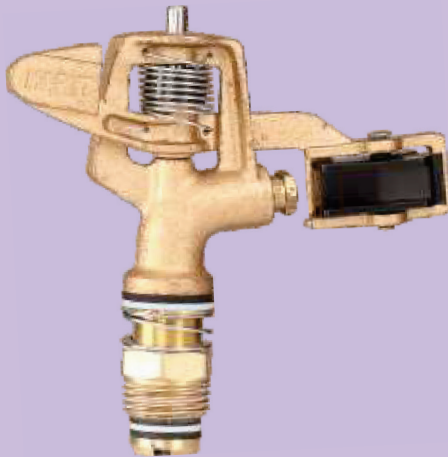


# AQ - 5N7W

## Undertree Sprinklers



### Features

- Available in 1/2" BSP/ NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- Durable Bronze body and arm.
- Heavy duty brass Nut and tube.
- Energy saving with plastic wedge drive spool.
- Excellent water distribution at low pressure.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 1.5 - 4.0 kg/cm<sup>2</sup> or 20 -55Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 7°

### Application

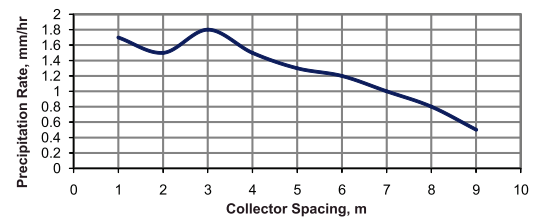
- Low volume, Low angle metal sprinkler for irrigation of undertree, bananas, vineyards, orchards and plantation.

### Performance Table

Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
2.38	3/32"	1.5	21.33	13.8	45.26	5.04	1.33
		2	28.44	14.2	46.58	5.25	1.39
		2.5	35.55	15.4	50.51	5.75	1.52
		3	42.66	16.2	53.14	6.2	1.64
		3.5	49.77	17	55.76	6.7	1.77
		4	56.88	18.2	59.70	7.4	1.95
2.77	7/64"	1.5	21.33	14	45.92	6.74	1.78
		2	28.44	14.8	48.54	7.5	1.98
		2.5	35.55	16	52.48	8.35	2.21
		3	42.66	17.2	56.42	8.95	2.36
		3.5	49.77	18	59.04	9.9	2.61
		4	56.88	18.8	61.66	10.65	2.81
3.17	1/8"	1.5	21.33	14.2	46.58	8.58	2.27
		2	28.44	15	49.20	10.25	2.71
		2.5	35.55	16.2	53.14	10.8	2.85
		3	42.66	17.4	57.07	11.6	3.06
		3.5	49.77	18.4	60.35	12.8	3.38
		4	56.88	19.6	64.29	13.4	3.54
3.57	9/64"	1.5	21.33	14.8	48.54	9.7	2.56
		2	28.44	15.8	51.82	11.8	3.12
		2.5	35.55	17	55.76	13.2	3.49
		3	42.66	18.2	59.70	14.45	3.82
		3.5	49.77	19	62.32	15.55	4.11
		4	56.88	19.8	64.94	16.7	4.41

Nozzle Size: 3.17mm Pressure: 2.0kg/cm<sup>2</sup>

### Distribution Curve



Spacing (m)	CU%	DU%	SC(5%)	APR
8 x 8	97%	95%	1.1	9.6
9 x 9	90%	87%	1.2	7.6
10 x 10	87%	82%	1.4	6.2



\*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.



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