

# AQ-5DN (Kiwi)

## Overhead Sprinklers



### Features

- Available in 1/2" BSP/NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- Heavy duty brass body, arm, Nut, tube and nozzles.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 1.0 - 3.0 kg/cm<sup>2</sup> or 15 - 45Psi
- Recommended spacing up to 12m for higher distribution uniformity.
- Trajectory Angle: 25°

### Application

- All row crops irrigation irrigated by overhead irrigation on solid set systems - portable or permanent.
- Agriculture fields.

### Performance Table

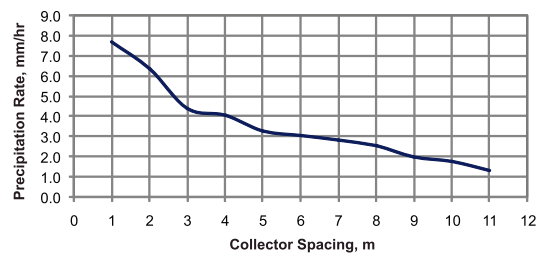
Nozzle (mm)	Nozzle (Inch)	Pressure		Coverage Diameter		Discharge Rate	
		kg/cm <sup>2</sup>	Psi	mtr.	ft.	LPM	GPM
3.17x2.5	5/64"	1	14.22	19	62.32	11.5	3.04
		1.5	21.33	20	65.6	14	3.7
		2	28.44	21	68.88	16	4.23
		2.5	35.55	21.5	70.52	18.2	4.81
		3	42.66	22	72.16	20	5.28
3.57x2.5	3/32"	1	14.22	20	65.6	12.5	3.3
		1.5	21.33	21.5	70.52	15.2	4.01
		2	28.44	22	72.16	17.4	4.6
		2.5	35.55	23.5	77.08	20	5.28
		3	42.66	24	78.72	21.5	5.68
3.96x2.5	7/64"	1	14.22	21	68.88	15	3.96
		1.5	21.33	22.5	73.8	18.2	4.81
		2	28.44	24	78.72	20.7	5.47
		2.5	35.55	24.4	80.032	23.5	6.21
		3	42.66	25	82	25.8	6.81

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

Spacing (m)	CU (%)	DU (%)	SC (5%)	APR
9 x 9	90%	88%	1.1	12.9
10 x 10	92%	87%	1.2	10.4
11 x 11	88%	81%	1.3	8.6
12 x 12	88%	83%	1.2	7.3

Nozzle Size: 3.57x2.5mm Pressure: 2.0kg/cm<sup>2</sup>

### Distribution Curve



3/4" Female Connector also Available



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