

AQ - 5DN (KIWI)

Overhead Sprinklers



New

Features

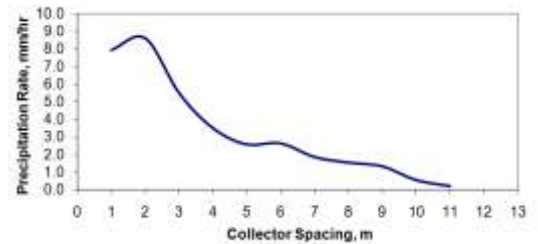
- Available in 1/2" BSP/NPT Male threaded
- Nozzle size above 3.17mm with stream straightening vane for long range.
- Heavy duty brass body, arm, Nut, tube and nozzles.
- Pivot pin and Springs made of Stainless steel.
- Recommended Pressure 1.0 - 3.0 kg/cm² or 15 - 45Psi
- Recommended spacing up to 12m 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.

Nozzle Size: 3.57 x 2.5mm Pressure: 2.0kg/cm²

Distribution Curve



Performance Table						
Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
3.17 x 2.5	1	14.22	19	62.32	11.5	3.04
	1.5	21.33	20	65.6	14	3.70
	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
3.57 x 2.5	1	14.22	20	65.6	12.5	3.30
	1.5	21.33	21.5	70.52	15.2	4.01
	2	28.44	22	72.16	17.4	4.60
	2.5	35.55	23.5	77.08	20	5.28
3.96 x 2.5	3	42.66	24	78.72	21.5	5.68
	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
3.96 x 2.5	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	CU	DU	SC(5%)	APR
R8 x 8	87%	81%	1.3	12.8
R9 x 9	86%	85%	1.2	10.1
10 x 10	85%	83%	1.3	8.2
R11 x 11	83%	81%	1.3	6.8
R12 x 12	81%	81%	1.2	5.7

