

AQ - 42G (PELICAN)

Water Guns



Application

- Suitable for Overtree irrigation for coffee, Tea, sugarcane, fodder crop, landscape and horticulture also for pastures and dust suppression.
- It can be applied to all kind of land and cultivation.
- Designed for both full field and irrigation of field edges.

Features

- Available in 1-1/2" BSP/NPT Female threaded
- Aluminium Pressure die casted Body and arm.
- Heavy duty brass nut, tube, nozzles & Diffuser Screw.
- Stainless Steel Pivot Pin, springs, Nut and bolt.
- Plastic parts made of engineering plastic for durability.
- Available both Full Circle & Part -circle design.
- Jet breaker screw to change the water jet from heavy droplets to fine spray.
- Recommended Pressure 2.0 - 5.0 kg/cm² or 30 - 70Psi
- Recommended spacing up to 36m for higher distribution uniformity.
- Trajectory Angle: 23°

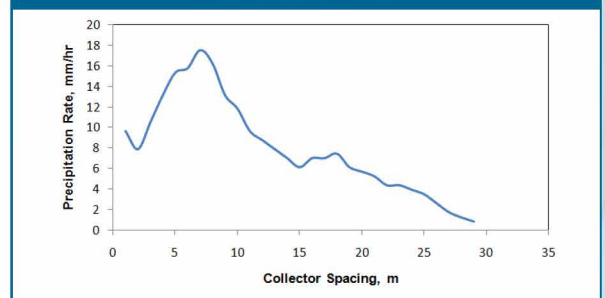
Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
12 x 5	2	28.44	40	131.20	152	40.15
	3	42.66	48	157.44	182	48.07
	4	56.88	54	177.12	211	55.73
	5	71.1	60	196.80	236	62.33
14 x 5	2	28.44	42	137.76	195	51.51
	3	42.66	50	164.00	239	63.13
	4	56.88	58	190.24	277	73.16
	5	71.1	62	203.36	309	81.62
16 x 5	2	28.44	44	144.32	247	65.24
	3	42.66	52	170.56	303	80.03
	4	56.88	60	196.80	351	92.71
	5	71.1	66	216.48	391	103.28

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

Nozzle Size: 14 x 5mm Pressure: 4.0kg/cm²

Distribution Curve



Spacing	CU	DU	SC(5%)	APR
R24.0 x 24.0	95%	93%	1.1	27.1
R27.0 x 27.0	91%	83%	1.3	21.4
R30.0 x 30.0	88%	81%	1.5	17.3
R33.0 x 33.0	90%	85%	1.3	14.3
R36.0 x 36.0	86%	80%	1.2	12



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