

AQ - 22U

Agristand Sprinklers






Features

- Available in 1/2" Male threaded
- Square Yellow main nozzle & Slit design spray nozzle.
- Nozzle Bayonet connection for easy service in field condions.
- Nozzle designed for excellent distribution uniformity.
- Graphite bottom washer for smooth and consistent rotation.
- Recommended Pressure 2.0 - 4.0 kg/cm² or 28.45 -56.85Psi
- Recommended spacing up to 10m for higher distribution uniformity.
- Trajectory Angle: 24°

Application

- All row crops irrigation compatible by overhead irrigation on permanent solid set systems.
- Agriculture fields and germination of vegetable, flowers and nursery crops.
- Specially used for tubular crops/leafy vegetable.

Performance Table

Nozzle (mm)	Pressure		Coverage Diameter		Discharge Rate	
	kg/cm ²	Psi	mtr.	ft.	LPM	GPM
2.3x1.8 	2	28.44	19.6	64.29	7.67	2.03
	2.5	35.55	20	65.6	8.5	2.25
	3	42.66	20.4	66.91	9.33	2.46
	3.5	49.77	20.6	67.57	10	2.64
	4	56.88	21	68.88	10.67	2.82
2.4x1.8 	1	14.22	17.5	57.4	6.4	1.7
	1.5	21.33	18	59.04	7.9	2.09
	2	28.44	19	62.32	8.9	2.36
	2.5	35.55	19.5	63.96	10	2.64
2.5x1.8 	3	42.66	20	65.6	10.9	2.88
	2	28.44	20	65.6	8.67	2.29
	2.5	35.55	20.6	67.57	9.67	2.55
	3	42.66	21	68.88	10.67	2.82
	3.5	49.77	21.4	70.19	11.33	2.99
	4	56.88	21.6	70.85	12.17	3.21

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

Spacing (m)	CU%	DU%	SC(5%)	APR
8.0 x 8.0	94%	91%	1.2	8.3
9.0 x 9.0	92%	86%	1.2	6.6
8.0 x 10.0	92%	87%	1.3	6.7
9.0 x 10.0	91%	86%	1.2	5.9
10.0 x 10.0	92%	89%	1.1	5.3

Slit Nozzle



- Specially Design Spray Milling Nozzle For Higher Distribution Uniformity at low pressure.
- Solution For Dry Patches In The Field.

Nozzle Size: 2.4mm Square x 1.8mm Slit Pressure: 2.0kg/cm²

Distribution Curve

