Aquatuff Excel

AQ-206

Aquatuff Excel Micro Sprinkler (AQ-206) is designed to efficiently irrigate tree plantations, orchards, and widely spaced plants. Its self-tapping connection and durable, insect-proof design ensures reliable performance and long-lasting usage in various agricultural environments.



HIGHLIGHTS

- **Undertree Irrigation:** For irrigation of tree plantation of large root volumes, fruit trees, orchards etc.
- **Connection:** For irrigation of widely spaced plants upto 4x4m (13x13ft.) spacing with self tapping option.
- Excellent distribution uniformity.
- **Robust Manufacturing:** Manufactured with excellent material for high wear resistant and trouble free swivel rotation.
- Insect proof design.
- Excellent gripping of self tapping connection with 4x7mm (0.158"x0.276") PVC / PE tube.
- **Ease of Maintenance:** Specially designed circlip to easily open micro sprinkler for cleaning by the end user.
- UV & Chemical resistant material.

TECHNICAL DATA

- Recommended working pressure: 1.0 – 2.5 kg/cm^2 (14-36 psi).
- Flow Rates: 37-180 L/H (10 - 47 GPH).
- Wetted diameter range: 6.0 - 9.5m (20 - 31 ft.)
- Recommended filtration:
  Brown & Grey Nozzles : 200 microns (80 mesh)
  Green, Orange & Black nozzles : 500 microns (30 mesh)



Performance Table

Swivel	Nozzle Size/ Colour	Pressure		Flow Rate		Wetted Diameter		Precipitation rate (mm/hr.) Rectangular Spacing (m)					
Colour	mm / inch	kg/cm²	psi	LPH	GPM	mtr.	ft.	3 x 3	3 x 4	4 x 4	3 x 5	4 x 5	5 x 5
Grey	1.0mm / 0.039" Brown	1	14	37	9.8	6.0	19.7	4.1	3.1	2.3	2.5	1.8	1.5
		1.5	21	45	11.9	6.5	21.3	5	3.7	2.8	3	2.2	1.8
		2	28	52	13.7	6.5	21.3	5.7	4.3	3.2	3.4	2.6	2.1
		2.5	36	59	15.6	6.5	21.3	6.5	4.9	3.6	3.9	2.9	2.3
	1.2mm / 0.047" Grey	1	14	52	13.7	7.0	23.0	5.7	4.3	3.2	3.4	2.6	2
		1.5	21	64	16.9	7.5	24.6	7.1	5.4	4	4.3	3.2	2.6
		2	28	74	19.5	8.0	26.2	8.2	6.1	4.6	4.9	3.7	2.9
		2.5	36	82	21.6	8.0	26.2	9.1	6.8	5.1	5.4	4.1	3.3
	1.4mm / 0.055" Green	1	14	72	19.0	7.5	24.6	8	6	4.5	4.8	3.6	2.9
		1.5	21	88	23.2	7.5	24.6	9.6	7.2	5.4	5.8	4.3	3.5
		2	28	102	26.9	8.0	26.2	11.2	8.4	6.3	6.7	5	4
		2.5	36	114	30.1	8.5	27.9	12.7	9.5	7.1	7.6	5.7	4.6
	1.5mm / 0.059" Orange	1	14	82	21.6	7.5	24.6	9.1	6.8	5.1	5.4	4.1	3.3
		1.5	21	100	26.4	8.0	26.2	11	8.3	6.2	6.6	5	4
		2	28	116	30.6	8.5	27.9	12.8	9.6	7.2	7.7	5.8	4.6
		2.5	36	130	34.3	9.5	31.2	14.5	10.9	8.2	8.7	6.5	5.2
	1.8mm / 0.071" Black	1	14	112	29.6	8.5	27.9	12.3	9.2	6.9	7.4	5.5	4.4
		1.5	21	137	36.1	9.5	31.2	15.2	11.4	8.6	9.1	6.9	5.5
		2	28	158	41.7	9.5	31.2	17.6	13.2	9.9	10.6	7.9	6.3
		2.5	36	177	46.7	9.5	31.2	19.8	14.8	11.1	11.9	8.9	7.1

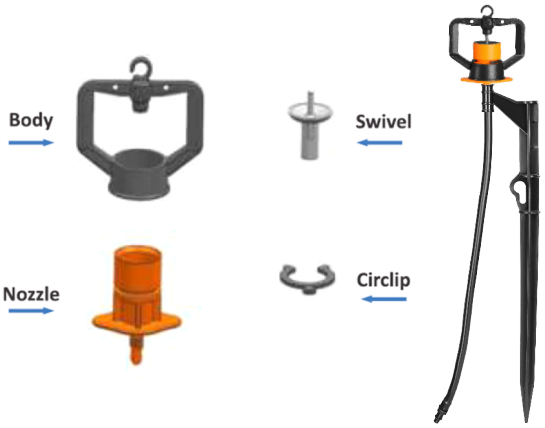
• Tested in Ideal laboratory condition of temperature, wind and humidity.
• Riser Height - 25 cm (10 inch).

Colour codes of distribution uniformity

CDU < 75%	75% ≤ CDU < 80%	80% ≤ CDU < 85%	85% ≤CDU < 90%	CDU≥90%

Nozzle Sizes				
1.0mm	1.2mm	1.4mm	1.5mm	1.8mm
				
0.039"	0.047"	0.055"	0.059"	0.071"

Aquatuff Excel Assembly



Aquatuff Excel with stake & PVC / PE Tube

Creating a Green World®