

2005 AquaMaster



IrriStand systems

Jet-drive, low-volume sprinkler mounted on IrriStand 55

Applications: field crops, greenhouses, orchards, residential and landscaping

- For extra-range spacing up to 7 m
- Improved performance
- Innovative insect-resistant structure
- Improved durability to wear and tear, radiation and chemicals
- Unique water spreader for optimum distribution, maximum range and fine droplets
- Stable irrigation stand with minimum pressure loss
- Recommended pressure: 1.5-2.5 bar
- Flow rates: 120-300 l/h

2005 PERFORMANCE TABLE

Precipitation rates (mm/hr) and uniformity (CU) at various spacing

Swivel color	Nozzle color	P (bar)	Q (l/h)	D (m)	Spacing (m)									
					4x4	4x5	4x6	4x7	5x5	5x6	5x7	6x6	6x7	7x7
Green	Orange	1.5	104	9.5	6.5	5.2	4.3	3.7	4.2	3.5	3.0	2.9	2.5	2.1
		2.0	120	9.5	7.5	6.0	5.0	4.3	4.8	4.0	3.4	3.3	2.8	2.4
		2.5	134	9.5	8.4	6.7	5.6	4.8	5.3	4.5	3.8	3.7	3.2	2.7
	Black	1.5	138	9.5	8.5	6.8	5.7	4.9	5.4	4.5	3.9	3.8	3.2	2.8
		2.0	160	10.0	10.0	8.0	6.7	5.7	6.4	5.3	4.6	4.5	3.8	3.3
		2.5	179	10.5	11.3	9.1	7.5	6.5	7.2	6.0	5.2	5.0	4.3	3.7
	Blue	1.5	173	10.5	10.7	8.6	7.2	6.1	6.9	5.7	4.9	4.8	4.1	3.5
		2.0	200	11.0	12.6	10.1	8.4	7.2	8.0	6.7	5.7	5.6	4.8	4.1
		2.5	223	11.0	14.0	11.2	9.3	8.0	8.9	7.4	6.4	6.2	5.3	4.6
Yellow	1.5	215	10.5	13.3	10.7	8.9	7.6	8.5	7.1	6.1	5.9	5.1	4.4	
	2.0	250	11.5	15.7	12.5	10.4	8.9	10.0	8.3	7.2	7.0	6.0	5.1	
	2.5	305	12.0	19.0	15.2	12.6	10.8	12.1	10.1	8.7	8.4	7.2	6.2	
Red	1.5	260	12.0	16.4	13.1	10.9	9.4	10.5	8.7	7.5	7.3	6.2	5.3	
	2.0	300	12.5	18.5	14.8	12.3	10.6	11.8	9.9	8.5	8.2	7.1	6.0	
	2.5	335	13.0	21.0	16.6	14.0	12.0	13.4	11.2	9.6	9.3	8.0	6.8	

Color code - Distribution uniformity	CU > 92%	CU 88-92%	CU 85-88%	CU < 85%
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Tested at 60 cm height

* Performance table prepared under laboratory conditions

* For windy conditions use closer spacing

