

MZ 400 SERIES

MZ406 1"

BSP NPT Female Thread

All Crop Types

Overhead Sprinkler

High Distribution Uniformity



This general irrigation plastic sprinkler is designed for versatile use across all types of crops that require overhead irrigation. It features a 1" BSP/NPT female threaded connection, and a recommended spacing of up to 18m (60ft) to ensure high distribution uniformity.

This sprinkler is available with both brass and plastic threaded nozzles, and is equipped with an integrated stream straightening vane for extended range and coverage, ensuring long-lasting performance in demanding agricultural environments.

HIGHLIGHTS

- Versatile overhead sprinkler, available in 1" BSP/NPT female threaded connection
- Uniform water distribution: Recommended spacing up to 18m (60ft)
- Available with both brass and plastic threaded nozzles
- Comes with an integrated stream straightening vane for longer range and good irrigation even in windy conditions
- MS weight inserted in the arm, eliminates arm vibration and ensures smooth rotation with good impact
- Made of durable, high-impact, heavy-duty plastics for excellent corrosion and radiation resistance

TECHNICAL DATA

- Pressure range: 2-5 kg/cm² (28.4-71.1 PSI)
- Flow rate range: 3,350-7,790 l/hr (14.7-34.3 GPM)
- Coverage diameter: 32.0-40.2 m (105-132 ft)
- Trajectory angle: 25°

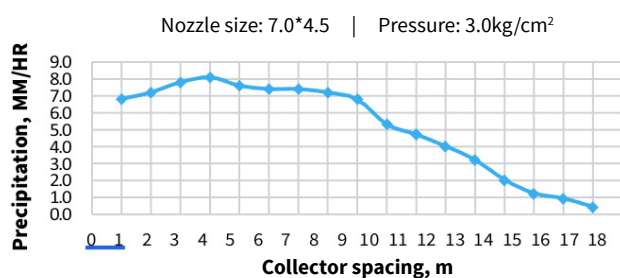
Nozzle Color & Size		Pressure		Coverage Diameter		Flow Rate	
mm	inch	kg/cm ²	PSI	m	ft	LPH	GPM
6.5x4.5	1/4"x 11/64"	2	28	32.0	105.0	3350	14.7
		3	43	33.2	108.9	4056	17.8
		4	57	34.2	112.2	4750	20.9
		5	71	35.6	116.8	5270	23.2
7.0x4.5	9/32"x 11/64"	2	28	33.2	108.9	3680	16.2
		3	43	34.0	111.5	4570	20.1
		4	57	36.4	119.4	5330	23.4
		5	71	38.0	124.7	5810	25.5
8.0x5.5	5/16"x 7/32"	2	28	34.4	112.9	4950	21.8
		3	43	36.0	118.1	6110	26.9
		4	57	38.2	125.3	6920	30.4
		5	71	40.2	131.9	7790	34.3

- Performance based on ideal temperature, wind velocity, and humidity conditions
- Tested at a height of 100cm (3ft) above the ground

SPACING TABLE

Spacing (m)	CU	DU	SC (5%)	PR (mm/hr)
15 x 15	90%	85%	1.3	16.5
16 x 16	89%	83%	1.4	14.5
17 x 17	89%	82%	1.5	12.9
18 x 18	90%	83%	1.5	11.5

DISTRIBUTION CURVE



MODELS



MZ406



MZ406 with brass nozzle

Keep in touch!



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metzer-group.com

