

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 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
- 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: 2.0-5.0 bar
- Flow rate range: 3,350-7,790 lph
- Coverage diameter: 32.0-40.2 m'
- Trajectory angle: 25°

PERFORMANCE TABLE MZ406

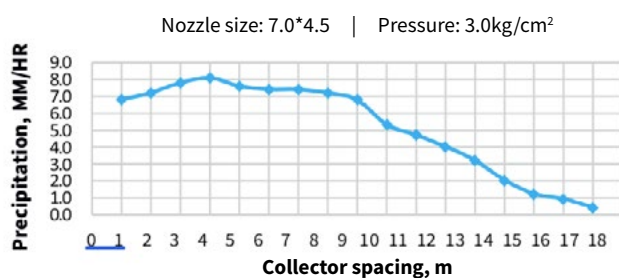
Nozzle Color & Size	Pressure	Coverage Diameter	Flow Rate
mm	bar	m	lph
6.5x4.5	2.0	32.0	3350
	3.0	33.2	4056
	4.0	34.2	4750
	5.0	35.6	5270
7.0x4.5	2.0	33.2	3680
	3.0	34.0	4570
	4.0	36.4	5330
	5.0	38.0	5810
8.0x5.5	2.0	34.4	4950
	3.0	36.0	6110
	4.0	38.2	6920
	5.0	40.2	7790

- Performance based on ideal temperature, wind velocity, and humidity conditions
- Tested at a height of 100cm 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

