

# Mini Spray Jet™



## Features & Benefits



### Uniform Stream Jet Pattern

Stream jet pattern covers wide area



### Compact Design

Compact design manufactured from high quality polymers to achieve wear resistance and longer trouble free performance



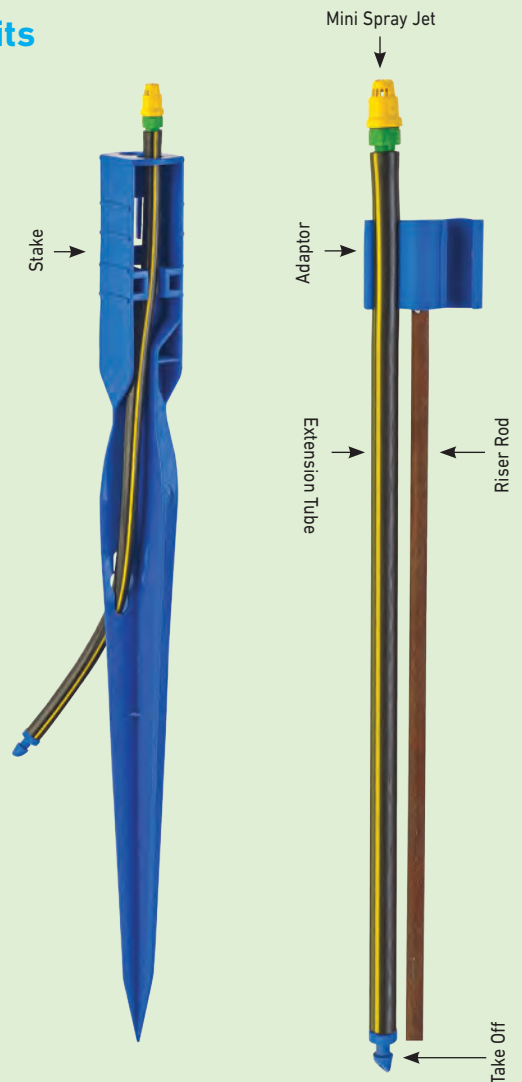
### Color Coded Nozzle

5 Color coded nozzles for easy identification of flow rates



### Quick Thread Technology

Fast and easy installation with quick threads technology



# Mini Spray Jet™

## Additional Features

- Precision molding ensures uniform distribution.
- Lower maintenance, no moving parts/ seals to wear out
- Easy to install with different mounting options like,
  - a) Clip Stake for J-Jets / Foggers / Misters (Code: CSJ) with rigid riser.
  - b) Stake for Modular / J-Jets / Foggers / Misters (Code: SJF4 / SJF8).
  - c) Square stake for J-Jets / Foggers / Misters (Code: SSJ)
- Mini Spray Jet stake assembly including micro jet, 6 mm OD extension tubing (0.5 m or 1.0 m long) and take off available on demand.

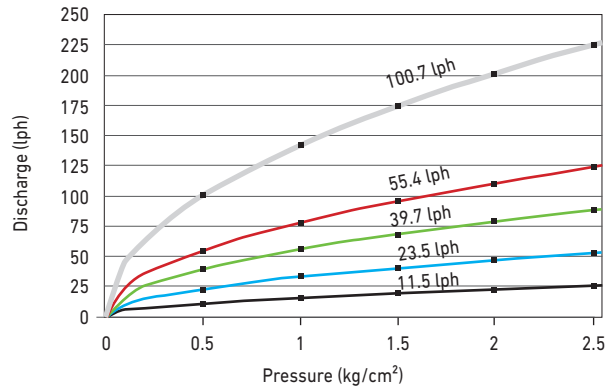
## Applications

- Useful irrigation of orchards, nurseries, vineyards, green houses
- Suitable for irrigation of plants having widespread root zone

## Specifications

- Flow rates: 11.5 to 225.2 lph
- Recommended working pressure: 0.5 to 2.5 kg/cm<sup>2</sup>
- Wetted radius: 0.8 to 4.8 m
- Required filtration: 100 micron

## Performance Graph



## Ordering Specifications

MSJ	XX	XXX
	Colour of Base	Spray Angle
	BK - Black BL - Blue	180-Half Circle 270-Quarter Circle
	GN - Green RD - Red	360- Full Circle 060 - 60 x 2 Side
	WH - White	140 - 140x2 Side

Example: MSJGN360 - This code represents Mini Spray Jet™ having green coloured nozzle and with full circle (360°) spraying pattern.

## Performance Chart

Nozzle colour/Size (mm)	Emitter Expo. (x)	Flow coeff. (k)	P		Q		Spray Pattern/ radius (m)				
			kg/cm <sup>2</sup>	psi	lph	gph	60°x2	140°x2	180°	270°	360°
Black/0.6	0.50	16.2	0.5	7.11	11.5	3.0	0.8	0.8	1.0	1.2	1.2
			1.0	14.22	16.2	4.3	1.1	1.1	1.3	1.4	1.4
			1.5	21.33	20.0	5.3	1.3	1.3	1.5	1.6	1.6
			2.0	28.44	23.0	6.1	1.4	1.4	1.6	1.9	1.8
			2.5	35.55	25.5	6.7	1.5	1.5	1.7	2.1	2.0
Blue/1.0	0.50	33.2	0.5	7.11	23.5	6.2	1.1	1.2	1.3	1.4	1.4
			1.0	14.22	33.2	8.8	1.8	1.6	1.7	1.9	1.9
			1.5	21.33	40.7	10.8	2.2	1.9	2.0	2.3	2.3
			2.0	28.44	47.0	12.4	2.5	2.1	2.2	2.7	2.6
			2.5	35.55	52.6	13.9	2.7	2.2	2.3	2.9	2.8
Green/1.3	0.50	56.1	0.5	7.11	39.7	10.5	1.4	1.6	1.7	1.8	1.8
			1.0	14.22	56.2	14.9	2.0	2.1	2.2	2.4	2.4
			1.5	21.33	68.8	18.2	2.4	2.5	2.6	3.0	2.9
			2.0	28.44	79.5	21.0	2.7	2.8	2.8	3.4	3.3
			2.5	35.55	88.9	23.5	2.9	3.0	3.1	3.7	3.6
Red/1.5	0.50	78.4	0.5	7.11	55.4	14.7	1.6	1.9	2.0	2.1	2.1
			1.0	14.22	78.4	20.7	2.2	2.4	2.6	2.8	2.8
			1.5	21.33	96.0	25.4	2.7	2.8	3.1	3.5	3.4
			2.0	28.44	110.9	29.3	3.1	3.1	3.5	4.0	3.9
			2.5	35.55	124	32.8	3.4	3.3	3.8	4.4	4.3
White/2.3	0.50	142.4	0.5	7.11	100.7	26.6	2.1	2.1	2.2	2.3	2.3
			1.0	14.22	142.4	37.7	3.0	2.5	2.9	3.0	2.9
			1.5	21.33	174.5	46.2	3.8	2.8	3.5	3.7	3.5
			2.0	28.44	201.5	53.3	4.3	3.0	4.0	4.2	4.0
			2.5	35.55	225.2	59.6	4.6	3.1	4.4	4.5	4.4

P= Pressure; Q= Discharge; Tested under laboratory conditions