



# TORO<sup>®</sup>



## APPLICATION

The Micro-Sprinkler VI Classic has been engineered to provide uniform water application for under-tree and over-head applications in Orchards, Vineyards and Nurseries.



## SPECIFICATIONS

- Use 4 mm tube and stake (CPS1004)  
Recommended Operating Pressure:  
20 psi (1.38 Bar)
- Available in 8 flow rates ranging from 9.1 to 65.1 gph (34.4 to 246.4 lph) at 20 psi (1.38 Bar)
- Diameter of throw 16.4 to 36.8 Feet  
(5 to 11.2 Meters)
- Available in 3/8" MPT inlets

# Micro-Sprinkler VI Classic

## FEATURES & BENEFITS

- Deflector plate design maximizes start-up torque to ensure reliability of operation in the most hostile environments
- Anti-insect/dust-proof spinner retracts to protect nozzle when not in operation
- New snap-fit conical bearing design ensures long life, ease of maintenance and trouble free spinning
- Available in 8 color coded nozzles flow rates for easy identification
- Low angle of throw and large droplet size for maximizing under foliage penetration and less susceptible to windy conditions
- Balanced spin rate to minimize stake vibration
- Double G-frame design provides long life under harsh field conditions
- Constructed of durable, weather resistant, engineering grade materials and manufactured under stringent quality control conditions
- Engineered to provide uniform water application for low volume, under-tree and over-head installations
- Easy installation on stakes, as well as suspension from trellis wire
- Optional break off deflector tab allows the sprinkler to be placed near young trees to concentrate water where the roots are developing

## MATERIALS

- Frame, Bearing & Nozzle - Acetal; Spinner - Nylon

# Micro-Sprinkler VI Classic

## PERFORMANCE CHART

Model	with Deflector tab Model No.	Nozzle Color	Orifice Dia. Inch (mm)	Pressure		Flow rate		Diameter		Diameter with Deflector Tab		Stream Height	
				PSI	Bar	gph	lph	Feet	Meters	Feet	Meters	Feet	Meters
SAM610	SAM610-D	Black	0.039 (1.00)	15	1.03	7.9	29.9	16.4	5.0			1.8	0.56
				20	1.38	9.1	34.4	17.7	5.4	3.3	1.0	2.0	0.62
				25	1.72	10.2	38.6	19.0	5.7			2.1	0.65
SAM613	SAM613-D	White	0.041 (1.05)	15	1.03	11.8	44.7	20.5	6.2			1.8	0.56
				20	1.38	13.7	51.9	22.4	6.8	3.3	1.0	2.0	0.62
				25	1.72	15.3	57.9	24.0	7.3			2.1	0.65
SAM614	SAM614-D	Maroon	0.049 (1.25)	15	1.03	16.5	62.5	23.0	7.0			1.9	0.57
				20	1.38	19.0	71.9	25.0	7.6	3.3	1.0	2.3	0.71
				25	1.72	21.2	80.3	27.5	8.4			3.0	0.90
SAM616	SAM616-D	Green	0.055 (1.40)	15	1.03	21.5	81.4	27.0	8.2			2.0	0.60
				20	1.38	24.8	93.9	30.0	9.1	3.9	1.2	2.7	0.83
				25	1.72	27.8	105.2	31.6	9.6			3.0	0.90
SAM620	SAM620-D	Blue	0.065 (1.65)	15	1.03	29.2	110.5	30.0	9.1			2.0	0.60
				20	1.38	33.7	127.6	32.2	9.8	5.3	1.6	2.6	0.80
				25	1.72	37.7	142.7	34.6	10.5			3.0	0.92
SAM622	-	Grey	0.071 (1.80)	15	1.03	33.8	127.9	32.0	9.8	-	-	2.0	0.60
				20	1.38	39.0	147.6	34.0	10.4	-	-	2.5	0.77
				25	1.72	43.6	165.0	35.6	10.9	-	-	3.0	0.90
SAM624	-	Yellow	0.079 (2.01)	15	1.03	41.7	157.9	32.5	9.9	-	-	2.1	0.65
				20	1.38	48.1	182.1	35.0	10.7	-	-	2.5	0.75
				25	1.72	53.8	203.7	36.8	11.2	-	-	2.8	0.85
SAM628	-	Red	0.091 (2.31)	15	1.03	56.4	213.5	32.0	9.8	-	-	2.4	0.74
				20	1.38	65.1	246.4	34.1	10.4	-	-	3.2	0.97
				25	1.72	72.8	275.6	36.8	11.2	-	-	3.4	1.05

- Diameters are quoted according to ASAE S398.1. Actual diameter may exceed quoted Diameter
- Assemblies will include a Micro-Sprinkler, CPS1004 Stake, 4mm Leader Tube 24", 30", 36", or 48" length, and 4mm Coupling

### ACCESSORIES:

Optional 180 Deg Red or Black Deflectors and Red or Black Stakes are available



### STAKE ASSEMBLIES:

Assemblies will include a Micro-Sprinkler, CPS1004 Stake, 4mm Leader Tube 24", 30", 36", or 48" length, and 4mm Coupling



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### Understanding Part Numbers

Example: SAM620-D36

SAM 620 -D XX  
 |        |        |        |  
 Model No.    Assembly lead length  
 Add -D for break-off deflector  
 Nozzle Number



**Count on it.**