

# Xcel-Wobbler® Mid & High Angle

The Xcel-Wobbler uses Senninger's off-center rotary-action technology. It provides an extremely uniform and instantaneous application pattern over a large area at lower pressures, and with very low evaporative loss.



## OVERHEAD COMPARISON OF SPRINKLER DISTRIBUTION PATTERNS

Xcel-  
Wobbler  
(High Angle)

Fixed  
Spray

Stream  
Driven  
Devices

The Xcel-Wobbler's larger area of instantaneous application minimizes the impact on the soil structure, helping to maintain infiltration capability.



**MID-ANGLE**



**HIGH-ANGLE**

## FEATURES

- Counter-balance reduces vibration for a smooth, stable performance
- Only one moving part – which translates to longer life
- Connections: 3/4" or 1/2" NPT male
- Flow rates: 0.78 to 6.97 gpm (177 to 1583 L/hr)
- Operating pressures: 10 to 25 psi (0.69 to 1.72 bar)
- Low wind drift and evaporative loss at low pressures
- Two-year warranty on materials, workmanship and performance
- Color-coded nozzles for easy size identification. Warranted to maintain correct orifice size for five years

*The Xcel-Wobbler provides a maximized area of coverage for under-tree applications and nursery canopy applications.*

Mid & High Angle **Xcel-Wobbler®**

SPRINKLER BASE PRESSURE-US	psi				SPRINKLER BASE PRESSURE-METRIC	bar			
	10	15	20	25		0.69	1.03	1.38	1.72
<b>#6 Nozzle - Gold (3/32")</b>					<b>#6 Nozzle - Gold (2.38 mm)</b>				
Flow (gpm)	0.78	0.95	1.10	1.23	Flow (L/hr)	177	216	250	279
MA Diameter at 1.5 ft ht (ft)	32.0	35.0	38.5	41.0	MA Diameter at 0.46 m ht (m)	9.8	10.7	11.7	12.5
HA Diameter at 1.5 ft ht (ft)	36.5	41.0	45.0	46.0	HA Diameter at 0.46 m ht (m)	11.1	12.5	13.7	14.0
<b>#7 Nozzle - Lime (7/64")</b>					<b>#7 Nozzle - Lime (2.78 mm)</b>				
Flow (gpm)	1.06	1.30	1.50	1.68	Flow (L/hr)	241	295	341	382
MA Diameter at 1.5 ft ht (ft)	33.0	36.5	40.5	41.0	MA Diameter at 0.46 m ht (m)	10.1	11.1	12.4	12.5
HA Diameter at 1.5 ft ht (ft)	40.0	46.5	47.0	50.5	HA Diameter at 0.46 m ht (m)	12.2	14.2	14.3	15.4
<b>#8 Nozzle - Lavender (1/8")</b>					<b>#8 Nozzle - Lavender (3.18 mm)</b>				
Flow (gpm)	1.40	1.71	1.98	2.21	Flow (L/hr)	318	388	450	502
MA Diameter at 1.5 ft ht (ft)	34.0	38.5	41.0	42.5	MA Diameter at 0.46 m ht (m)	10.4	11.7	12.5	13.0
HA Diameter at 1.5 ft ht (ft)	42.0	46.5	47.0	51.5	HA Diameter at 0.46 m ht (m)	12.8	14.2	14.3	15.7
<b>#9 Nozzle - Grey (9/64")</b>					<b>#9 Nozzle - Grey (3.57 mm)</b>				
Flow (gpm)	1.80	2.20	2.54	2.84	Flow (L/hr)	409	500	577	645
MA Diameter at 1.5 ft ht (ft)	34.5	40.5	42.0	43.0	MA Diameter at 0.46 m ht (m)	10.5	12.4	12.8	13.1
HA Diameter at 1.5 ft ht (ft)	44.0	47.0	50.5	52.5	HA Diameter at 0.46 m ht (m)	13.4	14.3	15.4	16.0
<b>#10 Nozzle - Turquoise (5/32")</b>					<b>#10 Nozzle - Turquoise (3.97 mm)</b>				
Flow (gpm)	2.22	2.72	3.14	3.51	Flow (L/hr)	504	618	713	797
MA Diameter at 1.5 ft ht (ft)	36.0	41.0	42.5	44.0	MA Diameter at 0.46 m ht (m)	11.0	12.5	13.0	13.4
HA Diameter at 1.5 ft ht (ft)	44.5	49.0	50.5	53.5	HA Diameter at 0.46 m ht (m)	13.6	14.9	15.4	16.3
<b>#11 Nozzle - Yellow (11/64")</b>					<b>#11 Nozzle - Yellow (4.37 mm)</b>				
Flow (gpm)	2.69	3.30	3.81	4.26	Flow (L/hr)	611	749	865	968
MA Diameter at 1.5 ft ht (ft)	36.0	41.5	43.0	44.0	MA Diameter at 0.46 m ht (m)	11.0	12.7	13.1	13.4
HA Diameter at 1.5 ft ht (ft)	44.5	50.5	51.5	54.0	HA Diameter at 0.46 m ht (m)	13.6	15.4	15.7	16.5
<b>#12 Nozzle - Red (3/16")</b>					<b>#12 Nozzle - Red (4.76 mm)</b>				
Flow (gpm)	3.23	3.96	4.57	5.11	Flow (L/hr)	734	899	1038	1161
MA Diameter at 1.5 ft ht (ft)	36.5	41.5	44.5	44.5	MA Diameter at 0.46 m ht (m)	11.1	12.7	13.6	13.6
HA Diameter at 1.5 ft ht (ft)	46.0	50.5	52.0	54.5	HA Diameter at 0.46 m ht (m)	14.0	15.4	15.9	16.6
<b>#13 Nozzle - White (13/64")</b>					<b>#13 Nozzle - White (5.16 mm)</b>				
Flow (gpm)	3.80	4.65	5.38	6.01	Flow (L/hr)	863	1056	1222	1365
MA Diameter at 1.5 ft ht (ft)	36.5	41.5	44.5	45.0	MA Diameter at 0.46 m ht (m)	11.1	12.7	13.6	13.7
HA Diameter at 1.5 ft ht (ft)	46.5	51.0	52.5	55.5	HA Diameter at 0.46 m ht (m)	14.2	15.6	16.0	16.9
<b>#14 Nozzle - Blue (7/32")</b>					<b>#14 Nozzle - Blue (5.56 mm)</b>				
Flow (gpm)	4.40	5.39	6.23	6.97	Flow (L/hr)	999	1224	1415	1583
MA Diameter at 1.5 ft ht (ft)	37.0	42.5	45.0	46.5	MA Diameter at 0.46 m ht (m)	11.3	13.0	13.7	14.2
HA Diameter at 1.5 ft ht (ft)	47.0	51.0	53.0	55.5	HA Diameter at 0.46 m ht (m)	14.3	15.6	16.2	16.9

Sprinkler performance may vary with actual field conditions. Other nozzle sizes are available. Consult factory for specific performance data. Stream heights range from 2.5 to 5.5 ft (0.8 to 1.7 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).