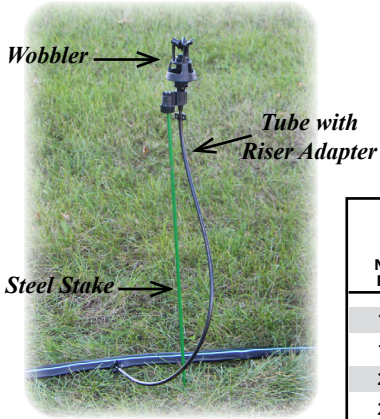


# XCEL WOBBLER

**the wobbler**®  
Off-center rotary-action sprinkler

Wobblers are designed for frost protection and have very uniform coverage. Wobblers installed in test bed withstood winds up to 25 MPH and temperatures as low as 28°. They are an excellent sprinkler from small diameters up to 53.6 ft and 1 to 15 GPM.



Xcel  
1/2" Male Base

\*New Xcel has less vibration.  
**Wobbler ..... \$6.95**  
Extra nozzles..... \$ .50  
Nozzle part #NZIN (specify color)

**Senninger**



Performance Chart Based On 1.5 Ft. Height

Noz PSI	GOLD NOZZLE 3/32" #XCEL-6		LIME NOZZLE 7/64" #XCEL-7		LAVENDER NOZZLE 1/8" #XCEL-8		GRAY NOZZLE 9/64" #XCEL-9		TURQUOISE NOZZLE 5/32" #XCEL-10		YELLOW NOZZLE 11/64" #XCEL-11		RED NOZZLE 3/16" #XCEL-12		WHITE NOZZLE 13/64" #XCEL-13		BLUE NOZZLE 7/32" #XCEL-14	
	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA
10	.77	37.5	1.09	39.5	1.44	41.0	1.84	42.0	2.26	42.8	2.73	43.4	3.23	44.2	3.77	44.8	4.34	45.4
15	.94	41.6	1.33	43.4	1.73	46.0	2.21	46.8	2.72	47.4	3.29	48.2	3.89	48.8	4.45	49.2	5.23	49.6
20	1.08	45.7	1.53	47.2	2.02	48.2	2.58	48.8	3.18	49.4	3.84	50.0	4.54	50.4	5.31	50.8	6.11	51.2
25	1.21	46.0	1.71	47.4	2.25	48.6	2.87	49.4	3.54	50.0	4.27	50.6	5.05	51.2	5.87	51.6	6.84	52.0

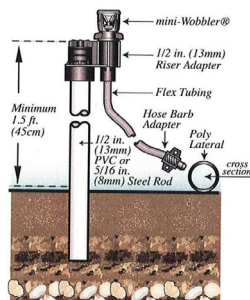
# MINI WOBBLER

The Mini-Wobbler is an off-center rotary-action sprinkler designed for solid-set irrigation systems. Utilizing the same technology as the popular Senninger Wobbler, the Mini-Wobbler provides outstanding uniformity and an excellent distance of throw at low pressure. It produces a gentle application of water with reduced vibration. Its large diameter of coverage combined with outstanding distribution uniformity make it an ideal choice for nursery and under tree irrigation systems.

**Senninger**

- \* Outstanding uniformity and distance of throw at low pressure.
- \* Low angle of throw to reduce wind drift and distortion of spray pattern.
- \* Only one moving part for longer life than conventional rotating or spinning sprinklers.
- \* Constructed entirely of high-impact engineering grade thermoplastics for excellent corrosion resistance.

**Wobbler ..... \$3.85**  
Extra nozzles..... \$ .50  
Nozzle part #MWNZ (specify color)  
1/2" Male Base



Upright wobbler performance chart based on 1.5 ft. riser height.

Noz PSI	#MW5-4 Lt. Blue Nozzle 1/16"		#MW5-5 Beige Nozzle 5/64"		#MW5-6 Gold Nozzle 3/32"		#MW5-7 Lime Nozzle 7/64"		#MW5-8 Lavender Nozzle 1/8"	
	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.
10	.37	25.5	.48	29.5	.77	31	1.09	33	1.44	34
15	.42	26.4	.64	30.8	.95	33.2	1.30	34.8	1.67	35.6
20	.50	28.0	.75	33.6	1.10	36	1.51	37.6	1.95	38.4
25	.56	29.2	.84	34.8	1.25	36.8	1.69	38.4	2.18	39.2
30	.62	30.4	.91	35.6	1.36	37.2	1.86	38.8	2.39	39.6

## Riser Assembly

ITEM#	DESCRIPTION	PRICE
#RS3	1/4" x 36" tubing with 1/2" adapter ....	\$ 3.00
#RS4	1/4" x 48" tubing with 1/2" adapter ....	\$ 3.25
#SS24	24" Steel Stake .....	\$ 2.50
#SS36	36" Steel Stake .....	\$ 2.75
#SS48	48" Steel Stake .....	\$ 3.00

\*Riser adapters will accept 1/2" or 3/4" PVC pipe or 5/16" steel stake.  
\*Install with standard FP-420 punch tool.

*Inverted wobblers work great as hanging assemblies in greenhouses. 30' diameter. 1/2" Male Base*

**Wobbler ..... \$3.85**  
Extra nozzles..... \$ .50  
Nozzle part #MWNZ (specify color)

ITEM#	DESCRIPTION	PRICE
#DS2	Check Valve For Inverted Wobbler .....	\$3.85



Inverted wobbler performance chart dia. based on 1.5 ft. height.

Noz PSI	#MW5-4INV Lt. Blue Nozzle 1/16"		#MW5-5INV Beige Nozzle 5/64"		#MW5-6INV Gold Nozzle 3/32"		#MW5-7INV Lime Nozzle 7/64"		#MW5-8INV Lavender Nozzle 1/8"	
	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.	GPM	Dia.
20	.50	25.5	.75	29.5	1.10	31	1.51	33	1.95	34
25	.56	26.4	.84	30.8	1.25	33.2	1.69	34.8	2.18	35.6