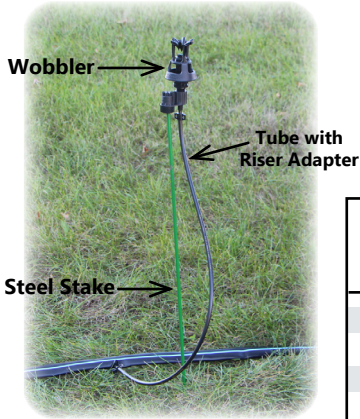


XCEL WOBBLER

the wobbler®
Off-center rotary-action sprinkler

Wobblers are designed for frost protection and have very uniform coverage. Wobblers installed in test beds withstood winds up to 25 MPH and temperatures as low as 28°. They are an excellent sprinkler from small diameters up to approx. 52' and 1 to 15 GPM. New Xcel has less vibration.



1/2" Male Base

Wobbler..... \$7.50
Nozzle Only..... \$0.85
Nozzle Part# NZIN (Specify Color)

Senninger®
AGRICULTURAL IRRIGATION | A Hunter Industries Company



Performance Chart Based On 1.5' Height

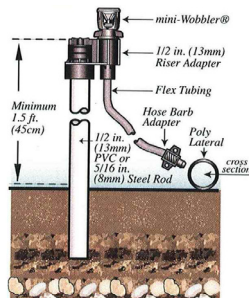
Noz PSI	GOLD NOZZLE 3/32" #XCEL-6		LIME NOZZLE 7/64" #XCEL-7		LAVENDER NOZZLE 1/8" #XCEL-8		GRAY NOZZLE 9/64" #XCEL-9		TURQUOISE NOZZLE 5/32" #XCEL-10		YELLOW NOZZLE 11/64" #XCEL-11		RED NOZZLE 3/16" #XCEL-12		WHITE NOZZLE 13/64" #XCEL-13		BLUE NOZZLE 7/32" #XCEL-14	
	GPM	DIA	GPM	DIA	GPM	DIA	GPM	DIA	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 Xcel 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®
AGRICULTURAL IRRIGATION | A Hunter Industries Company

- 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.



1/2" Male Base

Wobbler..... \$3.25
Nozzle Only..... \$0.75
Nozzle Part# MWNZ (Specify Color)

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'

Wobbler performance chart based on 1.5' riser height

Riser Assembly

ITEM#	DESCRIPTION	PRICE
RS3*	1/4" x 36" Tubing with 1/2" adapter.....	\$3.50
RS4*	1/4" x 48" Tubing with 1/2" adapter.....	\$3.75
SS24	24" Steel Stake.....	\$2.75
SS36	36" Steel Stake.....	\$3.00
SS48	48" Steel Stake.....	\$3.25

*Steel Stake Sold Separately

- Riser adapters will accept 1/2" or 3/4" PVC pipe or 5/16" steel stake.
- Install with standard FP-420 punch tool; Page 12.

Inverted wobblers work great as hanging assemblies in greenhouses; 30' Diameter.

Wobbler \$3.25
Nozzle Only..... \$0.75
Nozzle Part# MWNZ (Specify Color)

1/2" Male Base



ITEM#	DESCRIPTION	PRICE
DS2	Check Valve For Inverted Wobbler	\$7.50
DRA24	24" Drop Tube For Inverted Wobbler.....	\$7.75

Noz PSI	#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.
20	0.75 29.5	1.10 31	1.51 33	1.95 34
25	0.84 30.8	1.25 33.2	1.69 34.8	2.18 35.6

Inverted wobbler performance chart dia. based on 3' height above crop