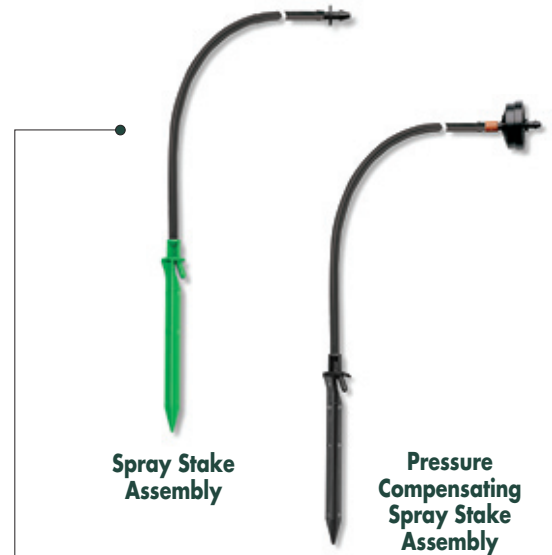


Nursery Irrigation for Containers



Applications

Spray Stake Assemblies

- Uniform distribution for pots 3 to 30 gallons
- Yellow (3.0 GPH) 3 to 5 gallon containers
- Green (5.0 GPH) 5 to 10 gallon containers
- Black (7.0 GPH) 10 to 30 gallon containers

Pressure Compensating Spray Stake Assemblies

- For longer length rows and sloping terrain
- Only available with Black (7.0 GPH) stake

Specifications

Recommended filtration: 120 mesh

Flex PE Tubing: 5/3mm

Recommended operating pressure:

Spray Stake Assemblies - 20 psi

Pressure Compensating

Spray Stake Assemblies - 23 psi

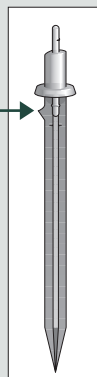
Product Advantages

- Spray Stakes are specifically designed and better matched to the container shape producing a uniform and accurate wetting pattern.
- Excellent uniformity means a fast growing, evenly sized crop.
- Eliminates water and fertilizer run-off between plants.
- Wets the entire container from top down and is ideal for bark-based growing media.
- Pressure Compensating Spray Stakes achieve up to 94% uniformity – even on slopes.
- High levels of UV inhibitors provide durability in direct sunlight and years of reliable service.
- Three flow rates are available for maximum design versatility – each with individual shut-off capabilities.
- Standard Flex Polyethylene Tubing – a 5/3mm flexible tubing that's fully UV resistant.



Spray Direction Indicator

Faster, accurate installation - Directional indicator provides a hand-feel as well as visual cue to the spray direction so installers don't need to stop and study each stake to ensure proper spray direction.



Spray Stakes Technical Information

ZONE FLOW CHART (GPM)

Stake Color	Number of Spray Stakes									
	200	400	600	800	1000	1200	1400	1600	1800	2000
Yellow	10	20	30	40	50	60	70	80	90	100
Green	17	33	50	67	83	100	117	133	150	167
Black	23	47	70	93	117	140	163	187	210	233
PC (Black)	23	47	70	93	117	140	163	187	210	233

SPRAY STAKE ASSEMBLY MAXIMUM ROW LENGTH

Nominal Flow	Tubing Size / I.D.	Distance Between Spray Stakes					
		18"	24"	36"	48"	60"	72"
3.0 GPH (Yellow Stake)	1/2" - .600"	120'	140'	180'	240'	280'	300'
	3/4" - .820"	200'	250'	330'	400'	460'	500'
	1" - 1.060"	340'	400'	520'	620'	720'	800'
5.0 GPH (Green Stake)	1/2" - .600"	80'	100'	140'	170'	190'	210'
	3/4" - .820"	160'	190'	240'	300'	340'	370'
	1" - 1.060"	240'	280'	380'	460'	520'	570'
7.0 GPH (Black Stake)	1/2" - .600"	60'	80'	110'	140'	160'	180'
	3/4" - .820"	120'	150'	200'	240'	280'	300'
	1" - 1.060"	180'	240'	300'	370'	430'	450'

Above table is for use on flat ground, and is based on a +/- 5% flow variation.

PRESSURE COMPENSATING SPRAY STAKE ASSEMBLY MAXIMUM ROW LENGTH

Nominal Flow	Inlet Pressure	Distance Between Spray Stakes																	
		1/2" - .600" I.D.						3/4" - .820" I.D.						1" - 1.06" I.D.					
		18"	24"	36"	48"	60"	72"	18"	24"	36"	48"	60"	72"	18"	24"	36"	48"	60"	72"
7.0 GPH (Black Stake)	25 psi	40'	50'	60'	80'	100'	120'	70'	90'	110'	140'	160'	180'	100'	120'	160'	190'	200'	210'
	30 psi	70'	90'	120'	140'	170'	200'	120'	150'	200'	250'	280'	300'	200'	240'	320'	380'	440'	500'
	35 psi	90'	110'	150'	190'	220'	240'	160'	200'	260'	320'	360'	400'	250'	310'	400'	500'	580'	640'
	40 psi	110'	130'	180'	210'	250'	280'	190'	230'	300'	370'	430'	490'	290'	360'	480'	580'	680'	760'

Increases in elevation (in feet) need to be converted to psi and added to the inlet pressure (2.31 ft. = 1.0 psi).

PRESSURE COMPENSATING SPRAY STAKE ASSEMBLY

Part Number	Tube Length	Bundle Quantity
01WPCCSABK-36	36"	25

SPRAY STAKE ASSEMBLIES

Part Number	Stake	Tube Length	Bundle Quantity
01SSAYL-36	Yellow 3.0 GPH	36"	25
01SSAGN-36	Green 5.0 GPH	36"	25
01SSABK-36	Black 7.0 GPH	36"	25

SPRAY STAKES

Part Number	Stake	Bag Quantity
01SSYL-B	Yellow 3.0 GPH	25
01SSGN-B	Green 5.0 GPH	25
01SSBK-B	Black 7.0 GPH	25

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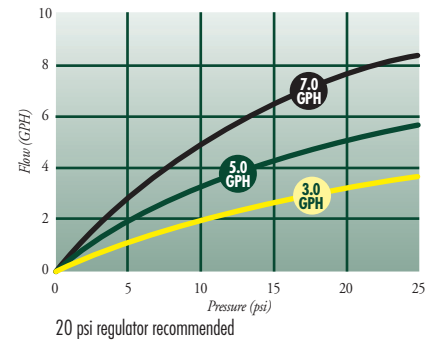
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For more information call your Authorized Netafim USA Distributor or call Netafim USA Customer Service at (888) 638-2346.

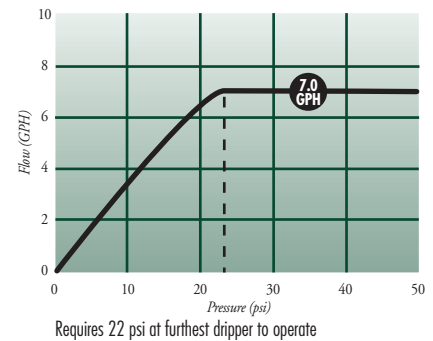
SPRAY STAKE

Flow Rate vs. Pressure



PRESSURE COMPENSATING SPRAY STAKE

Flow Rate vs. Pressure



Requires 22 psi at furthest dripper to operate