

SPRAYS

Senninger Pivot-Master® Irrigation Products

Senninger Sprays Selection Chart						
Product	Nozzle Pressure Range ¹	Pivot Pressure Range ²	Nozzle Height	Application Rate	Application Efficiency ³	Diameter of Coverage ⁴
i-Wob®	10 - 20 psi (.69 - 1.38 bars)	20 - 30 psi (1.38 - 2.07 bars)	3 - 9 ft (.92 - 2.75 m)	Low - Medium	85 - 95%	40 - 57 ft (12.2 - 17.4 m)
LDN®	6 - 20 psi (.42 - 1.38 bars)	15 - 20 psi (1.04 - 1.38 bars)	1.5 - 14 ft (.46 - 4.27 m)	Medium - High	90 - 97%	30 - 40 ft (9.2 - 12.2 m)
Super Spray®	6 - 25 psi (.42 - 1.72 bars)	15 - 25 psi (1.04 - 1.73 bars)	1.5 - 14 ft (.46 - 4.27 m)	Medium - High	75 - 95%	25 - 40 ft (7.6 - 12.2 m)
Quad-Spray®	6 - 10 psi (.42 - .69 bars)	10 - 20 psi (.69 - 1.38 bars)	8 in - 1.5 ft (.20 - .46 m)	Very High	95 - 98%	1 - 2 ft (.3 - .6 m) (Bubble Mode)
6° Impact	25 - 70 psi (1.72 - 4.83 bars)	35 - 70 psi (2.42 - 4.83 bars)	10 - 14 ft (3.05 - 4.27 m)	Low	65 - 80%	70 - 100 ft (7.6 - 12.2 m)

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¹ Lower end of pressure range on some products allows larger droplets which can cause compaction in some soil conditions.

² Pivot Pressure = pressure at top of mainline at the first outlet
(range given is assuming 1300' of 6-5/8" galvanized pipe and < 800 gpm).

³ Application efficiency = percent of water pumped that reaches the soil surface
(may vary significantly depending on actual nozzle pressure and, where applicable, pad selection).

⁴ SPACING - Senninger recommends a minimum of 150% overlap (nozzles spaced no farther apart than 2/3 of throw radius) for all sprinklers and spray nozzles.
In windier conditions, a 200% overlap is preferable.
(Exception: The Quad-Spray should be spaced to travel down every other furrow.)

See the following pages for additional detailed information on these irrigation products.

For your convenience when ordering sprinkler packages, use the handy Sprinkler Chart Data Form on page 112 at the end of this section.