

D3000



SPRAYHEAD

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D3000

water application solutions for center pivot irrigation



— Universal Flo 3000 Series Pressure Regulator for optimal sprinkler performance with new extended flow range



— Square Thread for quick change
— 3TN Nozzle



— Sprayhead Body



— Sprayhead Plate



— Spray Cap (black)



— Chemigation Plate

IMPORTANT! If your system is designed with Nelson sprinklers, use Nelson Pressure Regulators. Individual manufacturers' pressure regulator performance varies. Interchanging could result in inaccurate nozzle selection.

NELSON'S D3000 SPRAYHEAD PIVOT SPRINKLER

The D3000 Sprayhead is a fixed spray designed with future needs in mind. As irrigation requirements change throughout the season, the D3000 features a flip-over cap to change spray patterns. The D3000 is easily convertible to LEPA or other 3000 Series sprinklers.

FEATURES & BENEFITS:

GERMINATE, IRRIGATE & CHEMIGATE. The flip-over dual spray cap allows easy conversion of the spray pattern. Choose from spray plate options to germinate, irrigate and chemigate.

“LOW ENERGY DOWN IN THE CROP”. The sleek, crop-guarded body design provides durability for dragging the D3000 Sprayhead down in the growing crops like corn.

OPTIONAL LEPA ACCESSORIES. The hose drag adapter allows simple conversion of the D3000 to a hose drag system while the bubbler clip transforms the D3000 into a LEPA “bubbler” device.

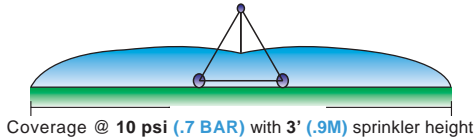
COLOR-CODED NOZZLES. The 3TN Nozzle system is at the center of the 3000 Series Pivot Product line with easy-to-identify, wear-resistant, precision-accurate nozzles. The quick-change adapter allows you to remove the Sprayhead for easy cleaning of a plugged nozzle — without tools and without shutting down the system. It's a snap to change nozzles in mid-season.

VERSATILE MODULAR DESIGN. Because no one sprinkler is right for all conditions, the 3000 Series features modular design components which are easily changed with a simple push and turn. You may want to start out the season with one configuration and change to a different one later.

SAVE WATER, SAVE ENERGY AND
DO A BETTER JOB OF IRRIGATING

> D3000 SPRAYHEAD PERFORMANCE

THROW DIAMETER DATA (NO-WIND TEST)












6-40 PSI
(0.41-2.8 BAR)
PERFORMANCE RANGE

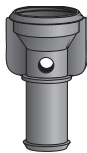


CORN CHEMIGATION PLATE

For use in insect wash applications when mounted at a drop height under the canopy. 57° Concave-Smooth.

Trajectory	Groove		Plate	3TN Nozzle #24	3TN Nozzle #36	3TN Nozzle #44	TYPE OF WATER APPLICATION WIND RESISTANCE
	Description	No.		Flowrate: 3.16 gpm 11.94 lpm	Flowrate: 7.06 gpm 26.72 lpm	Flowrate: 10.75 gpm 40.69 lpm	
Flat	Smooth	0	 Turquoise	Diameter: 19' 5.8 M	Diameter: 25' 7.6 M	Not designed to be operated above a #40 3TN Nozzle	GERMINATION Limited throw; susceptible to wind drift. Wind Resistance: POOR
Concave	Fine	30	 Green	24' 7.3 M	28' 8.5 M	30' 9.1 M	GERMINATION/IRRIGATION For plant emergence. Irrigation on sensitive crops and soils. Wind Resistance: GOOD
Flat	Fine	30	 Yellow	22' 6.7 M	24' 7.3 M	27' 8.2 M	IRRIGATION For irrigation on sensitive crops and soils. Wind Resistance: BETTER
Convex	Fine	30	 Purple	16' 4.9 M	18' 5.5 M	18' 5.5 M	IRRIGATION Fights the wind when mounted on a drop, but has limited throw distance. Wind Resistance: BETTER
Concave	Medium	36	 Blue	28' 8.5 M	34' 10.4 M	32' 9.8 M	IRRIGATION Good throw distance and superior wind-fighting ability. Wind Resistance: BETTER
Flat	Medium	36	 Black	24' 7.3 M	30' 9.1 M	30' 9.1 M	IRRIGATION Same spray pattern as BLUE plate with flat trajectory and superior wind-fighting ability. Wind Resistance: BEST
Flat	Coarse	24	 Gray	26' 7.9 M	28' 8.5 M	30' 9.1 M	IRRIGATION Aggressive stream and droplets for maximum wind-fighting. Wind Resistance: BEST
Multi-trajectory: 6 Convex 15 Flat	Coarse	21	NEW!  Orange	24' 7.3 M	28' 8.5 M	30' 9.1 M	IRRIGATION Most aggressive stream and droplets for maximum wind-fighting. Wind Resistance: BEST
Triple-trajectory: +9°, +4°, -3°	Medium	33	NEW!  Brown	Preliminary Data 30' 9.1 M	Preliminary Data 36' 11 M	Preliminary Data 36' 11 M	IRRIGATION Widest throw distance and good wind-fighting. Multi-trajectory for reduced stream collision and better overlap. Wind Resistance: BETTER

This flow data was obtained under ideal test conditions and may be adversely affected by poor hydraulic entrance conditions, turbulence, or other factors. NIC makes no representation regarding sprinkler flow rate accuracy under various plumbing and drop pipe conditions.



HD3000 HOSE DRAG ADAPTER

For (LEPA) low energy precision application, utilize the 3/4" hose drag adapter on the 3000 Series to apply a hose drag or a drag sock. With LEPA, the plant canopy remains dry and water is applied directly to the furrow — typically every other furrow. Pressure regulators are generally a necessity for good LEPA uniformity of nozzle discharge.

WARRANTY AND DISCLAIMER: Nelson D3000 Sprayheads are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

This product may be covered by one or more of the following U.S. Patent Nos. 4796811, RE33823, DES312865, 5415348, 5409168 and other U.S. Patents pending or corresponding issued or pending foreign patents.

D3000 SPRAYHEAD WITH BUBBLER CLIP



Transform the D3000 Sprayhead into a LEPA Bubbler by inverting the D3000 Cap and attaching a bubbler clip to the D3000 Body. (Not to be used with second spray plate.)



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