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:

GERMINE, 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 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.


SINGLE STRUT NOW STANDARD!

Square Thread for quick change

3TN Nozzle

Sprayhead Body

Sprayhead Plate

Spray Cap (black)

Chemigation Plate (Optional)

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.
D3000 SPRAYHEAD PERFORMANCE

THROW DIAMETER DATA (NO-WIND TEST)

Coverage @ 10 psi (.7 BAR) with 3' (.9M) sprinkler height

Trajectory

<table>
<thead>
<tr>
<th>Groove</th>
<th>Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>Smooth 0 Turquoise</td>
</tr>
<tr>
<td>Concave</td>
<td>Fine 30 Green</td>
</tr>
<tr>
<td>Flat</td>
<td>Fine 30 Yellow</td>
</tr>
<tr>
<td>Concave</td>
<td>Medium 36 Blue</td>
</tr>
<tr>
<td>Flat</td>
<td>Medium 36 Black</td>
</tr>
<tr>
<td>Flat</td>
<td>Coarse 24 Gray</td>
</tr>
<tr>
<td>Multi-trajectory: 6 Convex 15 Flat</td>
<td>Coarse 21 Orange</td>
</tr>
<tr>
<td>Triple-trajectory: +9°, +4°, -3°</td>
<td>Medium 33 Brown</td>
</tr>
</tbody>
</table>

Flowrate:

- 3.16 gpm
- 7.06 gpm
- 10.75 gpm

Diameter:

- 19° 5.8 M
- 22° 6.7 M
- 16° 4.9 M
- 28° 8.5 M
- 24° 7.3 M
- 26° 7.9 M
- 24° 7.3 M
- 30° 9.1 M
- 36° 11 M

Wind Resistance:

- GERMINATION
  Limited throw; susceptible to wind drift.

- GERMINATION/IRRIGATION
  For plant emergence. Irrigation on sensitive crops and soils.

- IRRIGATION
  For irrigation on sensitive crops and soils.

- IRRIGATION
  Good throw distance and superior wind-fighting ability.

- IRRIGATION
  Aggressive stream and droplets for maximum wind-fighting.

- IRRIGATION
  Widest throw distance and good wind-fighting. Multi-trajectory for reduced stream collision and better overlap.

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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