D3030 SPRAYHEAD

THE PIVOT SPRAYHEAD IS A FIXED SPRAY DESIGNED WITH FUTURE NEEDS IN MIND. AS IRRIGATION REQUIREMENTS CHANGE THROUGHOUT THE SEASON, THE D3030 FEATURES A FLIP-OVER CAP TO CHANGE SPRAY PATTERNS. THE D3030 IS EASILY CONVERTIBLE TO LEPA OR OTHER 3030 SERIES SPRINKLERS.

AVAILABLE WITH THE TRADITIONAL 3TN NOZZLE/3000 SERIES BODY.

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.

COLOR-CODED NOZZLES. The 3NV Nozzle system is at the center of the 3030 Series Pivot Product line with easy-to-identify, wear-resistant, precision-accurate nozzles. This innovative dial-nozzle combines multiple functions so you can "micro-manage" your system. PRESS, SPIN, CLICK between "on", "off", "flush" and "line flush" functions.

LEPA APPLICATIONS. Hose drag, bubbler and spray technology qualify as LEPA and LESA so long as the outlet spacings are tight and the devices deliver water very near to or on the soil surface, with little energy in order to have very low evaporation in the air. Pressure regulators are generally a necessity for good uniformity of LEPA nozzle discharge.

Use the D3030 without a plate to "bubble" at low pressures. The Sprinkler Converter is a great device to get a 3-in-1 sprinkler. Choose between functions: bubble, spray or irrigate with rotating streams depending on water constraints. Use the hose drag adapter with the Universal 3030 Body for a hose drag system with the benefits of a multi-function nozzle.

PATENTED SINGLE-STRUT INLET SEAT improves plug resistance over other brands. Now standard in Nelson Universal Flo and Hi Flo Pressure Regulators.

SQUARE THREAD for quick change

3NV NOZZLE

3030 BODY

SPRAY PLATE

SPRAY CAP ASSEMBLY (Black)

CHEMIGATION PLATE (Optional)
# D3030 Sprayhead Performance

## Performance Range
6-40 PSI (0.4-2.8 bar)

## Throw Diameter Data
(no wind tests)

### Coverage @ 10 PSI (0.7 BAR) with 3' (0.9 M) Sprinkler Height

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.

### Red Chemigation Plate
- For use in insect wash applications on corn
- When mounted at a drop height under the canopy. 57° concave-smooth.

### White Germination/Chemigation Plate
- For use on cotton. 15-30° multi-trajectory.

## Trajectory

<table>
<thead>
<tr>
<th>Trajectory</th>
<th>Groove</th>
<th>Plate</th>
<th>3NV Nozzle</th>
<th>Type of Water Application</th>
<th>Wind Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>Smooth</td>
<td>Turquoise</td>
<td>19° 5.8 M</td>
<td>Not designed to be operated above a *30 3NV Nozzle</td>
<td>Poor</td>
</tr>
<tr>
<td>Concave</td>
<td>Fine</td>
<td>Green</td>
<td>24° 7.3 M</td>
<td>For plant emergence. Irrigation on sensitive crops and soils.</td>
<td>Poor</td>
</tr>
<tr>
<td>Flat</td>
<td>Fine</td>
<td>Yellow</td>
<td>22° 6.7 M</td>
<td>For irrigation on sensitive crops and soils.</td>
<td>Fair</td>
</tr>
<tr>
<td>Convex</td>
<td>Fine</td>
<td>Purple</td>
<td>16° 4.9 M</td>
<td>Fights the wind when mounted on a drop, but has limited throw distance.</td>
<td>Fair</td>
</tr>
<tr>
<td>Concave</td>
<td>Medium</td>
<td>Blue</td>
<td>28° 8.5 M</td>
<td>Improved throw distance and wind-fighting ability.</td>
<td>Good</td>
</tr>
<tr>
<td>Flat</td>
<td>Medium</td>
<td>Black</td>
<td>24° 7.3 M</td>
<td>Same spray pattern as BLUE plate with flat trajectory and superior wind-fighting ability.</td>
<td>Good</td>
</tr>
<tr>
<td>Flat</td>
<td>Coarse</td>
<td>Gray</td>
<td>24° 7.9 M</td>
<td>Aggressive stream and droplets for maximum wind-fighting.</td>
<td>Best</td>
</tr>
<tr>
<td>Multi-Trajectory: 6 Convex 15 Flat</td>
<td>Coarse</td>
<td>Orange</td>
<td>24° 7.3 M</td>
<td>Most aggressive stream and droplets for maximum wind-fighting.</td>
<td>Best</td>
</tr>
<tr>
<td>Triple-Trajectory: +9°, +4°, -3°</td>
<td>Medium</td>
<td>Brown</td>
<td>30° 9.1 M</td>
<td>Widest throw distance and good wind-fighting. Multi-trajectory for reduced stream collision and better overlap.</td>
<td>Good</td>
</tr>
</tbody>
</table>

## Type of Water Application

- **Germination**
- **Irrigation**
- **Chemigation**

## Warranty and Disclaimer
Nelson D3030 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, DE3329665, 5405348, 5409468 and other U.S. Patents pending or corresponding issued or pending foreign patents.

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ATTACH THE NELSON SPRINKLER CONVERTER TO A SPRAY & ACCELERATOR CAP/PLATE AND CHOOSE FROM A VARIETY OF SUPPLEMENTAL APPLICATIONS: SPRAY (ENGAGE D3030), IRRIGATE (ENGAGE A3030), LEPA (BUBBLE WITH NO SPRAY PLATE), CHEMIGATE (USE RED OR WHITE SPRAY PLATE).