Air-injector flat spray compact nozzles IDK
Air-injector flat spray compact nozzles IDKN

Very low-drift, compact air-injector flat spray nozzle with wide droplet spectrum (from extreme coarse to fine).

**Advantages**
- Up to 90% drift reduction depending on nozzle size, pressure and country
- Very low drift and loss-reducing in the pressure range up to 3.0 bar (depending on size)
- Inexpensive alternative to conventional standard nozzles
- Very good deposition structure and crop penetration

* IDKN-characteristic: body with white stripe

**Nozzle size**
- 01 – 06

**Spray angle**
- 90°, 120°

**Material**
- POM, ceramic

**Pressure range**
- IDK-01 to -06: 1 – 1.5 – 3 – 6 bar
- IDKN-03 to -04: 1 – 1.5 – 3 – 6 bar

**Recommended filters**
- 80 M 01
- 60 M 015 – 04
- 25 M 05 – 06

**Droplet size**
- Extreme coarse – fine

**Width across flats**
- 8 mm

**Application areas**
- Plant protection products and growth regulators
- Liquid fertilizer
- Spray frame
- Border application can be combined with border nozzle IDKS 80 (see page 78)
- Golf course
- Backpack sprayer
- Greenhouse

Crop production  Ground care
### Spray table for air-injector flat spray compact nozzles IDK / IDKN

#### BCPC

<table>
<thead>
<tr>
<th>IDK</th>
<th>VC</th>
<th>EC</th>
<th>M</th>
<th>F</th>
<th>km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>0.34</td>
<td>0.46</td>
<td>0.70</td>
<td>1.40</td>
<td>110</td>
</tr>
<tr>
<td>1.5</td>
<td>0.36</td>
<td>0.55</td>
<td>0.73</td>
<td>1.42</td>
<td>140</td>
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<tr>
<td>2.0</td>
<td>0.35</td>
<td>0.78</td>
<td>1.20</td>
<td>2.30</td>
<td>190</td>
</tr>
<tr>
<td>2.5</td>
<td>0.40</td>
<td>1.03</td>
<td>1.50</td>
<td>2.90</td>
<td>250</td>
</tr>
<tr>
<td>3.0</td>
<td>0.45</td>
<td>1.20</td>
<td>2.00</td>
<td>3.60</td>
<td>350</td>
</tr>
<tr>
<td>4.0</td>
<td>0.55</td>
<td>1.50</td>
<td>2.50</td>
<td>4.50</td>
<td>500</td>
</tr>
<tr>
<td>5.0</td>
<td>0.70</td>
<td>2.00</td>
<td>2.50</td>
<td>5.00</td>
<td>650</td>
</tr>
</tbody>
</table>

#### 120°-025 90°-025 (60 M)

<table>
<thead>
<tr>
<th>IDK</th>
<th>VC</th>
<th>EC</th>
<th>M</th>
<th>km/h</th>
</tr>
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<tr>
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<td>2.00</td>
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<td>650</td>
</tr>
</tbody>
</table>

#### Type

- **MultiC**
- **IDK 120°-01 90°-01**
- **IDK 120°-02 90°-02**
- **IDK 120°-025 90°-025**
- **IDK 120°-06**
- **IDK 120°-06 25°**

#### MultiCap

- **IDK 120°-01 C**
- **IDK 120°-01 M**

#### Online nozzle calculator

[www.lechler-agri.com](http://www.lechler-agri.com)

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**Drift reduction:**

- **90/75/50 %**

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**Classifications are subject to change:**

- **Very fine**
- **Fine**
- **Medium**
- **Coarse**
- **Very coarse**
- **Extreme Coarse**

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**Verify the table data by gauging the measured liter-per-hectare rates**

**P (gauged with a diaphragm valve)**

**Available assembled with MultiCap (see page 106).**

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**Current list under:**

- **IDK/IDKN**
- **90°/75°/50°**

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**Best Protection of IDK/IDKN/IDKT nozzles through long side walls of MultiCap (see page 106).**

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**Online nozzle calculator**

[Android](#)

[Apple](#)