



Jacto JDC



JACTO JDC. **GREAT DROPLET PATTERN.**

# RECOMMENDED FOR INSECTICIDE, FUNGICIDE, ACARICIDE AND FOLIARY FERTILIZER APPLICATIONS.

GREAT DROPLET PATTERN AND PENETRATION COVERAGE. IT HAS DIFFERENT DROPLET SIZES ACCORDING TO THE DISC/SWIRL CORE COMBINATION.

## NOZZLE CHARACTERISTICS

Easy flow rate adjustment according to farmers' needs.

## TECHNICAL DATA

Spray pattern: **Full cone and hollow cone**

Nozzle material: **Ceramic**

Spray angle: **55 to 80°**

Identification and Flow Rate: **By nozzle number**

Pressure scale

**45 to 300 psi**

| CÓDIGO / CODE                                                            | TAMANHO DE GOTA<br>TAMAÑO DE GOTA<br>DROPLET SIZE (in microns) |
|--------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>XF</b> Extremamente Fina<br>Extremamente Fina<br>Extremley Fine       | <60                                                            |
| <b>VF</b> Muito Fina<br>Muy Fina<br>Very Fine                            | 60 - 145                                                       |
| <b>F</b> Fina<br>Fine                                                    | 145 - 225                                                      |
| <b>M</b> Média<br>Mediana<br>Medium                                      | 226 - 325                                                      |
| <b>C</b> Grossa<br>Gruesa<br>Coarse                                      | 326 - 400                                                      |
| <b>VC</b> Muito Grossa<br>Muy Gruesa<br>Very Coarse                      | 401 - 500                                                      |
| <b>XC</b> Extremamente Grossa<br>Extremamente Gruesa<br>Extremley Coarse | 501 - 650                                                      |
| <b>UC</b> Ultra Grossa<br>Ultra Gruesa<br>Ultra Coarse                   | >650                                                           |

ASABE (American Society of Agricultural & Biological and Engineers) Standard 572.1

| JDC NOZZLES         |                          |                  |
|---------------------|--------------------------|------------------|
| <b>Herbicides</b>   | Incorporated             |                  |
|                     | Pre-Emergent             |                  |
|                     | Post-Emergent - Contact  |                  |
|                     | Post-Emergent - Systemic |                  |
| <b>Fungicides</b>   | Contact                  | <b>Excellent</b> |
|                     | Systemic                 | <b>Very good</b> |
| <b>Insecticides</b> | Contact                  | <b>Excellent</b> |
|                     | Systemic                 | <b>Very good</b> |

The droplet size to be used must be chosen according to the target to be controlled.

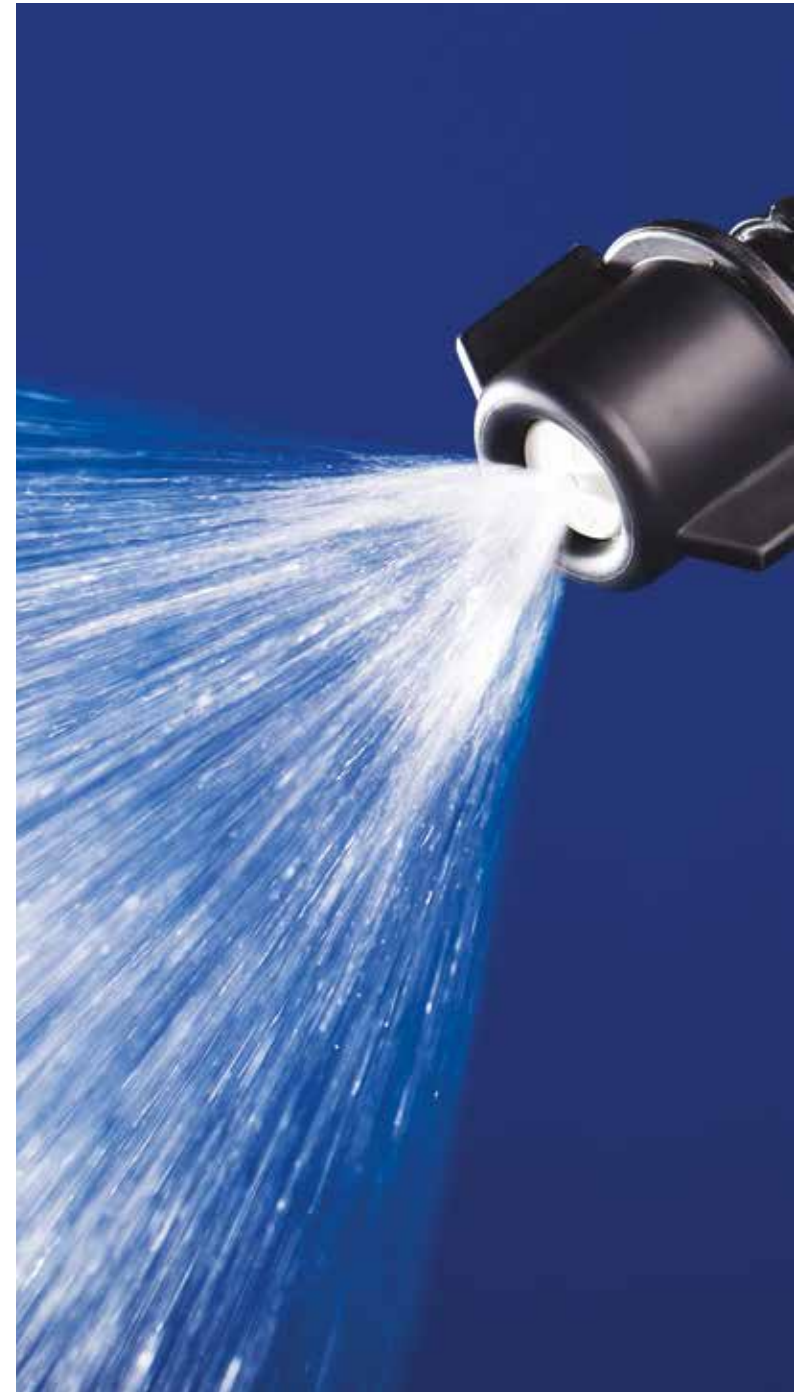


DISC



SWIRL CORE

| Disc                      | Swirl core                | Spray pattern | Mesh | Pressure (PSI) | Flow rate (l/min) | Droplet size (VMD) | Angle (°) |
|---------------------------|---------------------------|---------------|------|----------------|-------------------|--------------------|-----------|
| JDC - 4<br>P/N<br>1264469 | JDC - 2<br>P/N<br>1264470 | Hollow cone   | 50   | 45             | 0,79              | F                  | 55        |
|                           |                           |               |      | 60             | 0,90              | F                  |           |
|                           |                           |               |      | 75             | 1,00              | F                  |           |
|                           |                           |               |      | 105            | 1,18              | VF                 |           |
|                           |                           |               |      | 150            | 1,41              | VF                 |           |
|                           |                           |               |      | 300            | 2,00              | VF                 |           |
| JDC - 5<br>P/N<br>1264468 | JDC - 2<br>P/N<br>1264470 | Hollow cone   | 50   | 45             | 1,31              | F                  | 75        |
|                           |                           |               |      | 60             | 1,48              | F                  |           |
|                           |                           |               |      | 75             | 1,65              | F                  |           |
|                           |                           |               |      | 105            | 1,96              | VF                 |           |
|                           |                           |               |      | 150            | 2,32              | VF                 |           |
|                           |                           |               |      | 300            | 3,30              | VF                 |           |
| JDC - 6<br>P/N<br>1264467 | JDC - 2<br>P/N<br>1264470 | Hollow cone   | 50   | 45             | 1,59              | F                  | 80        |
|                           |                           |               |      | 60             | 1,80              | F                  |           |
|                           |                           |               |      | 75             | 2,00              | F                  |           |
|                           |                           |               |      | 105            | 2,38              | VF                 |           |
|                           |                           |               |      | 150            | 2,81              | VF                 |           |
|                           |                           |               |      | 300            | 4,03              | VF                 |           |
| JDC - 4<br>P/N<br>1264469 | JDC - 3<br>P/N<br>1264471 | Full cone     | 50   | 45             | 1,39              | M                  | 55        |
|                           |                           |               |      | 60             | 1,60              | M                  |           |
|                           |                           |               |      | 75             | 1,79              | M                  |           |
|                           |                           |               |      | 105            | 2,11              | F                  |           |
|                           |                           |               |      | 150            | 2,51              | F                  |           |
|                           |                           |               |      | 300            | 3,57              | VF                 |           |
| JDC - 5<br>P/N<br>1264468 | JDC - 3<br>P/N<br>1264471 | Full cone     | 50   | 45             | 2,41              | M                  | 75        |
|                           |                           |               |      | 60             | 2,80              | M                  |           |
|                           |                           |               |      | 75             | 3,12              | M                  |           |
|                           |                           |               |      | 105            | 3,71              | F                  |           |
|                           |                           |               |      | 150            | 4,42              | F                  |           |
|                           |                           |               |      | 300            | 6,28              | VF                 |           |
| JDC - 6<br>P/N<br>1264467 | JDC - 3<br>P/N<br>1264471 | Full cone     | 50   | 45             | 2,79              | M                  | 80        |
|                           |                           |               |      | 60             | 3,18              | F                  |           |
|                           |                           |               |      | 75             | 3,53              | F                  |           |
|                           |                           |               |      | 105            | 4,21              | F                  |           |
|                           |                           |               |      | 150            | 5,03              | VF                 |           |
|                           |                           |               |      | 300            | 7,11              | VF                 |           |





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PROTECT THE ENVIRONMENT. WHEN DISCARDING THIS BROCHURE, DO NOT LITTER THE STREETS.

