



## NOZZLE TECHNICAL DATA SHEET



### TWIN FAN AIR

These nozzles have the same specification as the standard fan air, with an improved droplet spectrum.

The total flow rate is split with 50% being sprayed 30° forward and 50% 30° backward. Spraying 30° forward gives improved penetration and 30° backward gives an improved deposit on the top of the target. Reduced drift capabilities equal to standard fan air.



### FEATURES

- Available in spray angle of 110°.
- Polyacetal construction for chemical stability and excellent wear characteristics.
- Three piece construction provides a removable pre-orifice to facilitate cleaning.
- Twin fans provide good coverage, improved penetration and spray deposition. Can be used where very low drift is required.
- The Twin Fan Air nozzle has the same flow rate as the Twin Fan Standard nozzle, but with larger droplets blend with air, exploding at contact with cultivation in order to obtain low drift and better coverage.
- Do not require a double cap. They fit into existing caps.
- Colour coded (in accordance with ISO10625) for quick identification of flow rate.

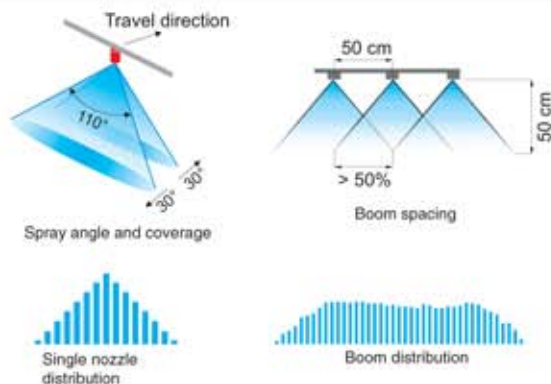
### APPLICATIONS

- Suitable for use on boom sprayers for application of insecticides, herbicides and for fungicide applications for potato blight, onions and cereals etc.

### SPRAY QUALITY CLASSIFICATION

| Very Fine (VF) | Fine (F)      | Medium (M)    | Coarse (C)    | Very Coarse (VC) |
|----------------|---------------|---------------|---------------|------------------|
| < 119µm        | 119µm ÷ 216µm | 217µm ÷ 353µm | 354µm ÷ 464µm | > 464µm          |

µm = millionth millimeter (Eg.: 250µm = 0.25 mm)



| Code     | 2 bar | 3 bar | 4 bar | 5 bar |
|----------|-------|-------|-------|-------|
| TFA11002 | VC    | C     | C     | C     |
| TFA11003 | VC    | VC    | C     | C     |
| TFA11004 | VC    | VC    | VC    | C     |
| TFA11005 | VC    | VC    | VC    | C     |

| Code     | bar | l/min | l/ha (nozzle spacing: 50 cm) |        |        |         |         |         |         |         |
|----------|-----|-------|------------------------------|--------|--------|---------|---------|---------|---------|---------|
|          |     |       | 4 km/h                       | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 14 km/h | 16 km/h | 18 km/h |
| TFA11002 | 2   | 0.65  | 195                          | 130    | 98     | 78      | 65      | 56      | 49      | 43      |
|          | 3   | 0.80  | 240                          | 160    | 120    | 96      | 80      | 69      | 60      | 53      |
|          | 4   | 0.92  | 276                          | 184    | 138    | 110     | 92      | 79      | 69      | 61      |
|          | 5   | 1.03  | 309                          | 206    | 155    | 124     | 103     | 88      | 77      | 69      |
| TFA11003 | 2   | 0.98  | 294                          | 196    | 147    | 118     | 98      | 84      | 74      | 65      |
|          | 3   | 1.20  | 360                          | 240    | 180    | 144     | 120     | 103     | 90      | 80      |
|          | 4   | 1.39  | 417                          | 278    | 209    | 167     | 139     | 119     | 104     | 93      |
| TFA11004 | 5   | 1.55  | 465                          | 310    | 233    | 186     | 155     | 133     | 116     | 103     |
|          | 2   | 1.31  | 393                          | 262    | 197    | 157     | 131     | 112     | 98      | 87      |
|          | 3   | 1.60  | 480                          | 320    | 240    | 192     | 160     | 137     | 120     | 107     |
|          | 4   | 1.85  | 555                          | 370    | 278    | 222     | 185     | 159     | 139     | 123     |
| TFA11005 | 5   | 2.07  | 621                          | 414    | 311    | 248     | 207     | 177     | 155     | 138     |
|          | 2   | 1.63  | 489                          | 326    | 244    | 196     | 163     | 140     | 122     | 109     |
|          | 3   | 2.00  | 600                          | 400    | 300    | 240     | 200     | 171     | 150     | 133     |
|          | 4   | 2.31  | 693                          | 462    | 346    | 277     | 231     | 198     | 173     | 154     |
|          | 5   | 2.58  | 774                          | 516    | 387    | 310     | 258     | 221     | 193     | 172     |

### ACCESSORIES



**QUICK FITTING CAP**  
402901

ALSO AVAILABLE IN  
**BLISTER PACK**  
10 pcs



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