

LOW  
CROPS



**ALBUZ**

catalog 2022

Air induction Twin  
flat spray nozzle

**AVI-TWIN**

Specific body  
dimensions: 11 mm

**ISO**

ISO colour code

## SPECIFIC CHARACTERISTICS

- › The inclination of the jets improves the penetration of the vegetation.
- › Air induction nozzle (venturi system) : sprays large drops filled with air bubbles, which do not drift and burst to form finer droplets on contact with the plant.
- › Almost totally eliminate drift, while increasing the number of impacts (excellent coverage of the treated zone).
- › Anti-clogging design and double air-intake orifices.
- › Compact design length (28 mm length) fits all booms and nozzle holders.
- › **Minimum height boom recommended: 50/60 cm.**

## MAIN CHARACTERISTICS

- › Double-orifices pink ALBUZ® ceramic (excellent precision and high wear resistance).
- › Two flat-fan patterns with 110° angles.
- › Wide flat angle: spray overlap required to ensure uniform distribution on the ground.
- › Designed for all types of nozzle holders, using the same cap as ALBUZ® APE / AVI (11 mm) nozzles.

## FLOW RATE CHART

| Colour | ISO code                                                                                              | Mesh     | (bar) | I/mn | Liters / hectare - Nozzle spacing: 50 cm |        |         |         |         |         |         |         |         |         |         |  |
|--------|-------------------------------------------------------------------------------------------------------|----------|-------|------|------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
|        |                                                                                                       |          |       |      | 8 km/h                                   | 9 km/h | 10 km/h | 12 km/h | 14 km/h | 16 km/h | 18 km/h | 20 km/h | 22 km/h | 24 km/h | 26 km/h |  |
| ORANGE | AVI-TWIN 11001                                                                                        | 100 Mesh | 3 XG  | 0,40 | 60                                       | 53     | 48      | 40      | 34      | 30      | 27      | 24      | 22      | 20      | 18      |  |
|        |                                                                                                       |          | 4 XG  | 0,46 | 69                                       | 61     | 55      | 46      | 39      | 35      | 31      | 28      | 25      | 23      | 21      |  |
|        |                                                                                                       |          | 5 G   | 0,52 | 78                                       | 69     | 62      | 52      | 45      | 39      | 35      | 31      | 28      | 26      | 24      |  |
| GREEN  | AVI-TWIN 110015                                                                                       | 100 Mesh | 3 XG  | 0,60 | 90                                       | 80     | 72      | 60      | 51      | 45      | 40      | 36      | 33      | 30      | 28      |  |
|        |                                                                                                       |          | 4 XG  | 0,69 | 104                                      | 92     | 83      | 69      | 59      | 52      | 46      | 41      | 38      | 35      | 32      |  |
|        |                                                                                                       |          | 5 G   | 0,77 | 116                                      | 103    | 92      | 77      | 66      | 58      | 51      | 46      | 42      | 39      | 36      |  |
| YELLOW | AVI-TWIN 11002                                                                                        | 100 Mesh | 3 XG  | 0,80 | 120                                      | 107    | 96      | 80      | 69      | 60      | 53      | 48      | 44      | 40      | 37      |  |
|        |                                                                                                       |          | 4 XG  | 0,91 | 137                                      | 121    | 109     | 91      | 78      | 68      | 61      | 55      | 50      | 46      | 42      |  |
|        |                                                                                                       |          | 5 G   | 1,03 | 155                                      | 137    | 124     | 103     | 88      | 77      | 69      | 62      | 56      | 52      | 48      |  |
| PURPLE | AVI-TWIN 110025                                                                                       | 50 Mesh  | 3 XG  | 1,00 | 150                                      | 133    | 120     | 100     | 86      | 75      | 67      | 60      | 55      | 50      | 46      |  |
|        |                                                                                                       |          | 4 XG  | 1,15 | 173                                      | 153    | 138     | 115     | 99      | 86      | 77      | 69      | 63      | 58      | 53      |  |
|        |                                                                                                       |          | 5 TG  | 1,29 | 194                                      | 172    | 155     | 129     | 111     | 97      | 86      | 77      | 70      | 65      | 60      |  |
| BLUE   | AVI-TWIN 11003                                                                                        | 50 Mesh  | 3 XG  | 1,20 | 180                                      | 160    | 144     | 120     | 103     | 90      | 80      | 72      | 65      | 60      | 55      |  |
|        |                                                                                                       |          | 4 XG  | 1,39 | 209                                      | 185    | 167     | 139     | 119     | 104     | 93      | 83      | 76      | 70      | 64      |  |
|        |                                                                                                       |          | 5 TG  | 1,55 | 233                                      | 207    | 186     | 155     | 133     | 116     | 103     | 93      | 85      | 78      | 72      |  |
| RED    | AVI-TWIN 11004<br> | 50 Mesh  | 3 XG  | 1,60 | 240                                      | 213    | 192     | 160     | 137     | 120     | 107     | 96      | 87      | 80      | 74      |  |
|        |                                                                                                       |          | 4 XG  | 1,85 | 278                                      | 247    | 222     | 185     | 159     | 139     | 123     | 111     | 101     | 93      | 85      |  |
|        |                                                                                                       |          | 5 TG  | 2,07 | 311                                      | 276    | 248     | 207     | 177     | 155     | 138     | 124     | 113     | 104     | 96      |  |
| BROWN  | AVI-TWIN 11005                                                                                        | 50 Mesh  | 3 XG  | 2,00 | 300                                      | 267    | 240     | 200     | 171     | 150     | 133     | 120     | 109     | 100     | 92      |  |
|        |                                                                                                       |          | 4 XG  | 2,31 | 347                                      | 308    | 277     | 231     | 198     | 173     | 154     | 139     | 126     | 116     | 107     |  |
|        |                                                                                                       |          | 5 TG  | 2,58 | 387                                      | 344    | 310     | 258     | 221     | 194     | 172     | 155     | 141     | 129     | 119     |  |
| GREY   | AVI-TWIN 11006                                                                                        | 50 Mesh  | 3 XG  | 2,40 | 360                                      | 320    | 288     | 240     | 206     | 180     | 160     | 144     | 131     | 120     | 111     |  |
|        |                                                                                                       |          | 4 XG  | 2,77 | 416                                      | 369    | 332     | 277     | 237     | 208     | 185     | 166     | 151     | 139     | 128     |  |
|        |                                                                                                       |          | 5 XG  | 3,10 | 465                                      | 413    | 372     | 310     | 266     | 233     | 207     | 186     | 169     | 155     | 143     |  |

## APPLICATIONS

All types of treatment (systemic and contact products). Designed to be used over a wide range of pressures (from 3 to 5 bar).



3-5 bar

