

EUROPE

Specific body dimensions: 11 mm



European Colour code



LOW CROPS

catalog 2019

ALBUZ

# APE 80°/110°

Standard flat spray nozzle

## MAIN CHARACTERISTICS

- > Pink ALBUZ® ceramic orifice (excellent precision and high wear resistance).
- > Flat fan pattern angle 80° or 110°: spray overlap required to ensure uniform distribution on the ground.
- > Designed for all types of nozzle holders using caps which accept nozzles measuring 11 mm across flats.

## SPECIFIC CHARACTERISTICS

- > Operates from 2 bar.
- > Flow rate characteristics, body size and color code meet ALBUZ® standards.
- > Produces medium-sized droplets.
- > **Minimum height boom recommended: 50/60 cm (110°) and 80/90 cm (80°).**
- > **Recommended pressure: 2 bar.**

## APPLICATIONS

All types of treatments (herbicides, fungicides, insecticides...).

## FLOW RATE CHART

| Colour    | Pressure (bar) | Icon | l/mn  | Liters / hectare - Nozzle spacing: 50 cm |         |         |         |         |         |         |         |
|-----------|----------------|------|-------|--|---------|---------|---------|---------|---------|---------|---------|
|           |                |      |       | 8 km/h                                   | 10 km/h | 12 km/h | 14 km/h | 16 km/h | 18 km/h | 20 km/h | 22 km/h |
| YELLOW    | 2              | F    | 0,49  | 74                                       | 59      | 49      | 42      | 37      | 33      | 30      | 27      |
|           | 2,5            | F    | 0,55  | 83                                       | 66      | 55      | 47      | 42      | 37      | 33      | 31      |
|           | 3              | F    | 0,61  | 91                                       | 73      | 61      | 52      | 45      | 40      | 36      | 33      |
|           | 3,5            | F    | 0,65  | 98                                       | 79      | 65      | 56      | 49      | 44      | 39      | 36      |
|           | 4              | VF   | 0,70  | 105                                      | 84      | 70      | 60      | 53      | 47      | 42      | 38      |
| ORANGE    | 2              | F    | 0,69  | 104                                      | 83      | 69      | 59      | 52      | 46      | 42      | 38      |
|           | 2,5            | F    | 0,77  | 116                                      | 93      | 77      | 66      | 58      | 52      | 46      | 43      |
|           | 3              | F    | 0,85  | 127                                      | 102     | 85      | 73      | 64      | 57      | 51      | 46      |
|           | 3,5            | F    | 0,92  | 138                                      | 110     | 92      | 79      | 69      | 61      | 55      | 50      |
|           | 4              | F    | 0,98  | 147                                      | 118     | 98      | 84      | 74      | 65      | 59      | 53      |
| RED       | 2              | F    | 0,99  | 148                                      | 119     | 99      | 85      | 74      | 66      | 59      | 54      |
|           | 2,5            | F    | 1,11  | 166                                      | 133     | 111     | 95      | 83      | 74      | 66      | 60      |
|           | 3              | F    | 1,21  | 182                                      | 145     | 121     | 104     | 91      | 81      | 73      | 66      |
|           | 3,5            | F    | 1,31  | 196                                      | 157     | 131     | 112     | 98      | 87      | 79      | 71      |
|           | 4              | F    | 1,40  | 210                                      | 168     | 140     | 120     | 105     | 93      | 84      | 76      |
| GREEN     | 2              | F    | 1,40  | 210                                      | 168     | 140     | 120     | 105     | 93      | 84      | 76      |
|           | 2,5            | F    | 1,57  | 235                                      | 188     | 157     | 134     | 117     | 104     | 94      | 85      |
|           | 3              | F    | 1,71  | 257                                      | 206     | 171     | 147     | 129     | 114     | 103     | 93      |
|           | 3,5            | F    | 1,85  | 278                                      | 222     | 185     | 159     | 139     | 123     | 111     | 101     |
|           | 4              | F    | 1,98  | 297                                      | 238     | 198     | 170     | 149     | 132     | 119     | 107     |
| TURQUOISE | 2              | M    | 1,69  | 253                                      | 203     | 169     | 145     | 127     | 113     | 101     | 92      |
|           | 2,5            | F    | 1,89  | 283                                      | 227     | 189     | 162     | 142     | 126     | 113     | 103     |
|           | 3              | F    | 2,07  | 310                                      | 248     | 207     | 177     | 155     | 138     | 124     | 113     |
|           | 3,5            | F    | 2,24  | 335                                      | 268     | 224     | 192     | 168     | 149     | 134     | 122     |
|           | 4              | F    | 2,39  | 359                                      | 287     | 239     | 205     | 179     | 159     | 143     | 130     |
| BLUE      | 2              | M    | 1,98  | 297                                      | 238     | 198     | 170     | 148     | 132     | 119     | 108     |
|           | 2,5            | M    | 2,21  | 332                                      | 266     | 221     | 190     | 166     | 148     | 133     | 121     |
|           | 3              | F    | 2,42  | 364                                      | 291     | 242     | 208     | 182     | 162     | 145     | 132     |
|           | 3,5            | F    | 2,62  | 394                                      | 314     | 262     | 224     | 196     | 175     | 157     | 142     |
|           | 4              | F    | 2,80  | 420                                      | 336     | 280     | 240     | 210     | 187     | 168     | 152     |
| GREY      | 2              | C    | 2,79  | 418                                      | 334     | 279     | 239     | 209     | 186     | 167     | 152     |
|           | 2,5            | M    | 3,11  | 467                                      | 374     | 311     | 267     | 234     | 208     | 187     | 170     |
|           | 3              | M    | 3,41  | 512                                      | 409     | 341     | 292     | 256     | 227     | 205     | 186     |
|           | 3,5            | M    | 3,69  | 553                                      | 442     | 369     | 316     | 276     | 246     | 221     | 201     |
|           | 4              | F    | 3,94  | 591                                      | 473     | 394     | 338     | 296     | 263     | 236     | 215     |
| BLACK     | 2              | C    | 3,95  | 592                                      | 473     | 395     | 338     | 296     | 263     | 237     | 215     |
|           | 2,5            | C    | 4,41  | 662                                      | 529     | 441     | 378     | 331     | 294     | 265     | 241     |
|           | 3              | C    | 4,83  | 725                                      | 580     | 483     | 414     | 362     | 322     | 290     | 263     |
|           | 3,5            | M    | 5,22  | 783                                      | 626     | 522     | 447     | 391     | 348     | 313     | 285     |
|           | 4              | M    | 5,58  | 837                                      | 670     | 558     | 478     | 419     | 372     | 335     | 304     |
| IVORY     | 2              | VC   | 5,61  | 842                                      | 674     | 561     | 481     | 421     | 374     | 337     | 307     |
|           | 2,5            | C    | 6,28  | 942                                      | 753     | 628     | 538     | 471     | 418     | 377     | 343     |
|           | 3              | C    | 6,88  | 1031                                     | 825     | 688     | 589     | 516     | 458     | 413     | 375     |
|           | 3,5            | C    | 7,43  | 1114                                     | 891     | 743     | 637     | 557     | 495     | 446     | 405     |
|           | 4              | C    | 7,94  | 1191                                     | 953     | 794     | 681     | 596     | 529     | 476     | 433     |
| WHITE     | 2              | VC   | 7,82  | 1188                                     | 950     | 792     | 679     | 594     | 528     | 475     | 432     |
|           | 2,5            | VC   | 8,85  | 1328                                     | 1063    | 885     | 759     | 664     | 590     | 531     | 483     |
|           | 3              | C    | 9,70  | 1455                                     | 1164    | 970     | 831     | 727     | 647     | 582     | 529     |
|           | 3,5            | C    | 10,48 | 1571                                     | 1257    | 1048    | 898     | 786     | 698     | 629     | 572     |
|           | 4              | C    | 11,20 | 1680                                     | 1344    | 1120    | 960     | 840     | 747     | 672     | 611     |



2-4 bar



80° / 110°

