



# ABJ-90



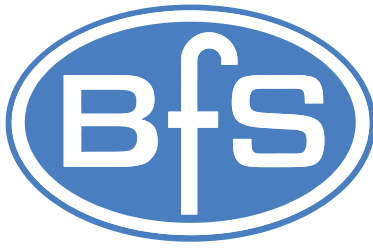
**90% DRIFT REDUCTION**

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# ABJ 90 - APPLICATION RATE CHART

| Nozzle Details   |                |                   |               | Litres per hectare applied at 50cm nozzle spacing |     |     |     |     |     |     |     |     |
|------------------|----------------|-------------------|---------------|---|-----|-----|-----|-----|-----|-----|-----|-----|
| Size             | Pressure (Bar) | Flow Rate (L/Min) | Spray Quality | Speed (Kph)                                       |     |     |     |     |     |     |     |     |
|                  |                |                   |               | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  |
| Lilac<br>025     | 1              | 0.58              | XC            | 174   | 116 | 87  | 70  | 58  | 50  | 43  | 39  | 35  |
|                  | 1.5            | 0.71              | XC            | 213   | 142 | 107 | 85  | 71  | 61  | 53  | 47  | 43  |
|                  | 2              | 0.82              | XC            | 246   | 164 | 123 | 98  | 82  | 70  | 62  | 55  | 49  |
|                  | 2.5            | 0.92              | VC            | 275   | 183 | 138 | 110 | 92  | 79  | 69  | 61  | 55  |
|                  | 3              | 1.00              | VC            | 301   | 201 | 151 | 121 | 100 | 86  | 75  | 67  | 60  |
|                  | 3.5            | 1.08              | C             | 325   | 217 | 163 | 130 | 108 | 93  | 81  | 72  | 65  |
|                  | 4              | 1.16              | C             | 348   | 232 | 174 | 139 | 116 | 99  | 87  | 77  | 70  |
| 4.5              | 1.23           | C                 | 369           | 246   | 185 | 148 | 123 | 105 | 92  | 82  | 74  |     |
|                  | Bar            | L/Min             | Quality       | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  |
| Blue<br>03       | 1              | 0.69              | XC            | 208   | 139 | 104 | 83  | 69  | 59  | 52  | 46  | 42  |
|                  | 1.5            | 0.85              | XC            | 255   | 170 | 127 | 102 | 85  | 73  | 64  | 57  | 51  |
|                  | 2              | 0.98              | XC            | 294   | 196 | 147 | 118 | 98  | 84  | 74  | 65  | 59  |
|                  | 2.5            | 1.10              | VC            | 329   | 219 | 164 | 131 | 110 | 94  | 82  | 73  | 66  |
|                  | 3              | 1.20              | C             | 360   | 240 | 180 | 144 | 120 | 103 | 90  | 80  | 72  |
|                  | 3.5            | 1.30              | C             | 389   | 259 | 194 | 156 | 130 | 111 | 97  | 86  | 78  |
|                  | 4              | 1.39              | C             | 416   | 277 | 208 | 166 | 139 | 119 | 104 | 92  | 83  |
| 4.5              | 1.47           | C                 | 441           | 294   | 221 | 176 | 147 | 126 | 110 | 98  | 88  |     |
|                  | Bar            | L/Min             | Quality       | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  |
| Red Brown<br>035 | 1              | 0.81              | XC            | 242   | 161 | 121 | 97  | 81  | 69  | 60  | 54  | 48  |
|                  | 1.5            | 0.99              | XC            | 296   | 197 | 148 | 118 | 99  | 85  | 74  | 66  | 59  |
|                  | 2              | 1.14              | VC            | 342   | 228 | 171 | 137 | 114 | 98  | 86  | 76  | 68  |
|                  | 2.5            | 1.27              | VC            | 382   | 255 | 191 | 153 | 127 | 109 | 96  | 85  | 76  |
|                  | 3              | 1.40              | C             | 419   | 279 | 209 | 168 | 140 | 120 | 105 | 93  | 84  |
|                  | 3.5            | 1.51              | C             | 452   | 302 | 226 | 181 | 151 | 129 | 113 | 101 | 90  |
|                  | 4              | 1.61              | C             | 484   | 322 | 242 | 193 | 161 | 138 | 121 | 107 | 97  |
| 4.5              | 1.71           | C                 | 513           | 342   | 257 | 205 | 171 | 147 | 128 | 114 | 103 |     |
|                  | Bar            | L/Min             | Quality       | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  |
| Red<br>04        | 1              | 0.93              | XC            | 278   | 185 | 139 | 111 | 93  | 79  | 69  | 62  | 56  |
|                  | 1.5            | 1.13              | XC            | 340   | 227 | 170 | 136 | 113 | 97  | 85  | 76  | 68  |
|                  | 2              | 1.31              | XC            | 393   | 262 | 197 | 157 | 131 | 112 | 98  | 87  | 79  |
|                  | 2.5            | 1.46              | VC            | 439   | 293 | 220 | 176 | 146 | 126 | 110 | 98  | 88  |
|                  | 3              | 1.60              | C             | 481   | 321 | 241 | 193 | 160 | 138 | 120 | 107 | 96  |
|                  | 3.5            | 1.73              | C             | 520   | 347 | 260 | 208 | 173 | 149 | 130 | 116 | 104 |
|                  | 4              | 1.85              | C             | 556   | 371 | 278 | 222 | 185 | 159 | 139 | 124 | 111 |
| 4.5              | 1.97           | C                 | 590           | 393   | 295 | 236 | 197 | 168 | 147 | 131 | 118 |     |
|                  | Bar            | L/Min             | Quality       | 4   | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  |
| Brown<br>05      | 1              | 1.15              | XC            | 346   | 231 | 173 | 138 | 115 | 99  | 86  | 77  | 69  |
|                  | 1.5            | 1.41              | XC            | 423   | 282 | 212 | 169 | 141 | 121 | 106 | 94  | 85  |
|                  | 2              | 1.63              | XC            | 489   | 326 | 245 | 196 | 163 | 140 | 122 | 109 | 98  |
|                  | 2.5            | 1.82              | VC            | 547   | 364 | 273 | 219 | 182 | 156 | 137 | 121 | 109 |
|                  | 3              | 2.00              | VC            | 599   | 399 | 299 | 240 | 200 | 171 | 150 | 133 | 120 |
|                  | 3.5            | 2.16              | C             | 647   | 431 | 323 | 259 | 216 | 185 | 162 | 144 | 129 |
|                  | 4              | 2.31              | C             | 692   | 461 | 346 | 277 | 231 | 198 | 173 | 154 | 138 |
| 4.5              | 2.45           | C                 | 734           | 489   | 367 | 293 | 245 | 210 | 183 | 163 | 147 |     |

## The ABJ-90 - the simple way to gain more spray days

The latest innovation from BFS Farm Services Ltd. The ABJ-90 is a 90% drift reducing nozzle, designed to enhance efficiency and precision in agricultural spraying.

Available in sizes 025,03,035,04,05 and 06, this nozzle offers versatility to suit various application volumes.

It has achieved impressive results, with a 4star rating at 2 bar working pressure, and a 3star rating at 3 bar working pressure.

These ratings indicate the high level of performance and reliability that the ABJ-90 can offer.

While the design of the ABJ-90 resembles the standard bubblejeer, its internals have been re designed to achieve a 90% drift reduction air inclusion nozzle.

The ABJ-90 is fully ISO compliant, meeting the industry standards for quality and performance.

Experience the benefits of the ABJ-90 and take your agricultural spraying to the next level.