

StreamJet SJ7A MULTIPLE SOLID STREAM

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



**DRIFT
CONTROL
EXCELLENT**

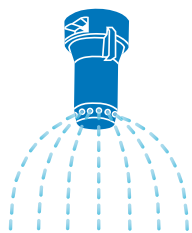


FERTILIZER NOZZLES

FEATURES

- Excellent for application of liquid fertilizer on bare ground or in standing crop.
- Seven-stream pattern is ideal for broadcast application.
- Creates seven identical fluid streams of equal velocity and capacity.
- Excellent spray distribution quality.
- Removable metering orifice for easy cleaning.
- Offered in a variety of sizes for a wide range of application rates.
- VisiFlo® color-coding for easy capacity identification.
- All acetal construction for excellent chemical resistance.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- SJ7A spray tip molded into Quick TeeJet® cap.

SPRAY PATTERN



OPTIMUM SPACING AND SPRAY HEIGHT

| HEIGHT | SPACING |
|--------|---------|
| 50 cm | 50 cm |
| 75 cm | 75 cm |
| 100 cm | 100 cm |

RECOMMENDED PRESSURE RANGE



1.5–4 bar

MATERIALS AVAILABLE



POLYMER

HOW TO ORDER

Polymer with VisiFlo color-coding

S J 7 A - 0 4 - V P

Tip
Type

Capacity
Size

Material
Code



50854-NYB
Extension Adapter

StreamJet SJ7A MULTIPLE SOLID STREAM

| TIP PART NO. (STRAINER MESH SIZE) | bar | CAPACITY ONE TIP IN l/min | APPLICATION RATE FOR 50 cm SPRAY TIP SPACING | | | | | | | | | |
|-----------------------------------|-----|---------------------------|--|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | | | l/ha | | | | | | | | | |
| | | | 4 km/h | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 16 km/h | 20 km/h | 25 km/h | 30 km/h | 35 km/h |
| SJ7A-015-VP (100) | 1.5 | 0.39 | 117 | 78.0 | 58.5 | 46.8 | 39.0 | 29.3 | 23.4 | 18.7 | 15.6 | 13.4 |
| | 2.0 | 0.46 | 138 | 92.0 | 69.0 | 55.2 | 46.0 | 34.5 | 27.6 | 22.1 | 18.4 | 15.8 |
| | 2.5 | 0.52 | 156 | 104 | 78.0 | 62.4 | 52.0 | 39.0 | 31.2 | 25.0 | 20.8 | 17.8 |
| | 3.0 | 0.57 | 171 | 114 | 85.5 | 68.4 | 57.0 | 42.8 | 34.2 | 27.4 | 22.8 | 19.5 |
| SJ7A-02-VP (50) | 4.0 | 0.67 | 201 | 134 | 101 | 80.4 | 67.0 | 50.3 | 40.2 | 32.2 | 26.8 | 23.0 |
| | 1.5 | 0.55 | 165 | 110 | 82.5 | 66.0 | 55.0 | 41.3 | 33.0 | 26.4 | 22.0 | 18.9 |
| | 2.0 | 0.64 | 192 | 128 | 96.0 | 76.8 | 64.0 | 48.0 | 38.4 | 30.7 | 25.6 | 21.9 |
| | 2.5 | 0.72 | 216 | 144 | 108 | 86.4 | 72.0 | 54.0 | 43.2 | 34.6 | 28.8 | 24.7 |
| SJ7A-03-VP (50) | 3.0 | 0.80 | 240 | 160 | 120 | 96.0 | 80.0 | 60.0 | 48.0 | 38.4 | 32.0 | 27.4 |
| | 4.0 | 0.93 | 279 | 186 | 140 | 112 | 93.0 | 69.8 | 55.8 | 44.6 | 37.2 | 31.9 |
| | 1.5 | 0.87 | 261 | 174 | 131 | 104 | 87.0 | 65.3 | 52.2 | 41.8 | 34.8 | 29.8 |
| | 2.0 | 1.00 | 300 | 200 | 150 | 120 | 100 | 75.0 | 60.0 | 48.0 | 40.0 | 34.3 |
| SJ7A-04-VP (50) | 2.5 | 1.10 | 330 | 220 | 165 | 132 | 110 | 82.5 | 66.0 | 52.8 | 44.0 | 37.7 |
| | 3.0 | 1.18 | 354 | 236 | 177 | 142 | 118 | 88.5 | 70.8 | 56.6 | 47.2 | 40.5 |
| | 4.0 | 1.31 | 393 | 262 | 197 | 157 | 131 | 98.3 | 78.6 | 62.9 | 52.4 | 44.9 |
| | 1.5 | 1.17 | 351 | 234 | 176 | 140 | 117 | 87.8 | 70.2 | 56.2 | 46.8 | 40.1 |
| SJ7A-05-VP (50) | 2.0 | 1.33 | 399 | 266 | 200 | 160 | 133 | 99.8 | 79.8 | 63.8 | 53.2 | 45.6 |
| | 2.5 | 1.45 | 435 | 290 | 218 | 174 | 145 | 109 | 87.0 | 69.6 | 58.0 | 49.7 |
| | 3.0 | 1.55 | 465 | 310 | 233 | 186 | 155 | 116 | 93.0 | 74.4 | 62.0 | 53.1 |
| | 4.0 | 1.72 | 516 | 344 | 258 | 206 | 172 | 129 | 103 | 82.6 | 68.8 | 59.0 |
| SJ7A-06-VP (50) | 1.5 | 1.49 | 447 | 298 | 224 | 179 | 149 | 112 | 89.4 | 71.5 | 59.6 | 51.1 |
| | 2.0 | 1.68 | 504 | 336 | 252 | 202 | 168 | 126 | 101 | 80.6 | 67.2 | 57.6 |
| | 2.5 | 1.83 | 549 | 366 | 275 | 220 | 183 | 137 | 110 | 87.8 | 73.2 | 62.7 |
| | 3.0 | 1.95 | 585 | 390 | 293 | 234 | 195 | 146 | 117 | 93.6 | 78.0 | 66.9 |
| SJ7A-08-VP | 4.0 | 2.16 | 648 | 432 | 324 | 259 | 216 | 162 | 130 | 104 | 86.4 | 74.1 |
| | 1.5 | 1.77 | 531 | 354 | 266 | 212 | 177 | 133 | 106 | 85.0 | 70.8 | 60.7 |
| | 2.0 | 2.01 | 603 | 402 | 302 | 241 | 201 | 151 | 121 | 96.5 | 80.4 | 68.9 |
| | 2.5 | 2.19 | 657 | 438 | 329 | 263 | 219 | 164 | 131 | 105 | 87.6 | 75.1 |
| SJ7A-10-VP | 3.0 | 2.35 | 705 | 470 | 353 | 282 | 235 | 176 | 141 | 113 | 94.0 | 80.6 |
| | 4.0 | 2.61 | 783 | 522 | 392 | 313 | 261 | 196 | 157 | 125 | 104 | 89.5 |
| | 1.5 | 2.28 | 684 | 456 | 342 | 274 | 228 | 171 | 137 | 109 | 91.2 | 78.2 |
| | 2.0 | 2.66 | 798 | 532 | 399 | 319 | 266 | 200 | 160 | 128 | 106 | 91.2 |
| SJ7A-15-VP | 2.5 | 2.94 | 882 | 588 | 441 | 353 | 294 | 221 | 176 | 141 | 118 | 101 |
| | 3.0 | 3.15 | 945 | 630 | 473 | 378 | 315 | 236 | 189 | 151 | 126 | 108 |
| | 4.0 | 3.46 | 1038 | 692 | 519 | 415 | 346 | 260 | 208 | 166 | 138 | 119 |
| | 1.5 | 2.84 | 852 | 568 | 426 | 341 | 284 | 213 | 170 | 136 | 114 | 97.4 |
| SJ7A-15-VP | 2.0 | 3.32 | 996 | 664 | 498 | 398 | 332 | 249 | 199 | 159 | 133 | 114 |
| | 2.5 | 3.67 | 1101 | 734 | 551 | 440 | 367 | 275 | 220 | 176 | 147 | 126 |
| | 3.0 | 3.94 | 1182 | 788 | 591 | 473 | 394 | 296 | 236 | 189 | 158 | 135 |
| | 4.0 | 4.33 | 1299 | 866 | 650 | 520 | 433 | 325 | 260 | 208 | 173 | 148 |
| SJ7A-15-VP | 1.5 | 4.09 | 1227 | 818 | 614 | 491 | 409 | 307 | 245 | 196 | 164 | 140 |
| | 2.0 | 4.82 | 1446 | 964 | 723 | 578 | 482 | 362 | 289 | 231 | 193 | 165 |
| | 2.5 | 5.40 | 1620 | 1080 | 810 | 648 | 540 | 405 | 324 | 259 | 216 | 185 |
| | 3.0 | 5.87 | 1761 | 1174 | 881 | 704 | 587 | 440 | 352 | 282 | 235 | 201 |
| SJ7A-15-VP | 4.0 | 6.58 | 1974 | 1316 | 987 | 790 | 658 | 494 | 395 | 316 | 263 | 226 |

FERTILIZER NOZZLES

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.