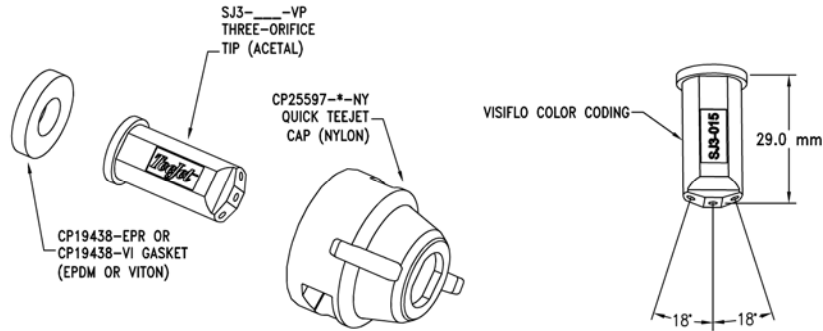


SJ3 StreamJet® 3-ORIFICE FERTILIZER TIP WITH VisiFlo® COLOR CODING



FEATURES:

- CREATES THREE 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.
- FITS INTO STANDARD QUICK TEEJET CAP. NOTE: CAP AND GASKET MUST BE PURCHASED SEPARATELY
- RECOMMENDED OPERATING PRESSURE: 1.5-4.0 BAR.

TYPICAL APPLICATIONS:

- EXCELLENT FOR APPLICATION OF LIQUID FERTILIZER.

| Density of Solution | Conversion Factor |
|---------------------|-------------------|
| 0.84 kg/l | 0.92 |
| 0.96 kg/l | 0.98 |
| 1.00 kg/l (Water) | 1.00 |
| 1.08 kg/l | 1.04 |
| 1.20 kg/l | 1.10 |
| 1.28 kg/l | 1.13 |
| 1.32 kg/l | 1.15 |
| 1.44 kg/l | 1.20 |
| 1.68 kg/l | 1.30 |

NOTE: CONVERSION FACTORS MUST BE USED WHEN SPRAYING SOLUTIONS HEAVIER OR LIGHTER THAN WATER. FIRST, MULTIPLY DESIRED APPLICATION RATE BY THE APPROPRIATE CONVERSION FACTOR ABOVE. THEN, USE THE NEW APPLICATION RATE TO SELECT THE MOST APPROPRIATE TIP CAPACITY AND OPERATING PRESSURE FROM THE APPLICATION CHART ON THIS PAGE.

| Nozzle Spacing | Spray Height |
|----------------|--------------|
| 50 cm | 50 cm |
| 75 cm | 75 cm |
| 100 cm | 100 cm |

* FOR BEST SPRAY DISTRIBUTION MAINTAIN A 1:1 RATIO OF TIP HEIGHT TO TIP SPACING.

| Tip Color VisiFlo | Tip No. (Strainer Mesh Size) | Liquid Pressure (bar) | Capacity 1 Nozzle (l/min) | l/ha - 50cm Spacing | | | | | | |
|----------------------|------------------------------------|-----------------------------|---------------------------------|---------------------|-----------|-----------|------------|------------|------------|------------|
| | | | | 4 km/h | 6 km/h | 8 km/h | 10 km/h | 12 km/h | 16 km/h | 20 km/h |
| GREEN | SJ3-015-VP (100) | 1.5 | 0.44 | 132 | 88.0 | 68.0 | 52.8 | 44.0 | 33.0 | 26.4 |
| | | 2.0 | 0.50 | 174 | 116 | 87.0 | 69.6 | 58.0 | 43.5 | 34.8 |
| | | 3.0 | 0.65 | 195 | 130 | 97.5 | 78.0 | 65.0 | 48.8 | 39.0 |
| | | 4.0 | 0.85 | 255 | 170 | 128 | 102 | 85.0 | 63.8 | 51.0 |
| YELLOW | SJ3-02-VP (50) | 1.5 | 0.57 | 171 | 114 | 85.5 | 68.4 | 57.0 | 42.8 | 34.2 |
| | | 2.0 | 0.64 | 192 | 128 | 96.0 | 76.8 | 64.0 | 48.0 | 38.4 |
| | | 3.0 | 0.78 | 234 | 156 | 117 | 93.6 | 78.0 | 58.5 | 46.8 |
| | | 4.0 | 0.85 | 255 | 170 | 128 | 102 | 85.0 | 63.8 | 51.0 |
| BLUE | SJ3-03-VP (50) | 1.5 | 0.91 | 273 | 182 | 137 | 109 | 91.0 | 68.3 | 54.6 |
| | | 2.0 | 1.01 | 303 | 202 | 152 | 121 | 101 | 75.8 | 60.6 |
| | | 3.0 | 1.18 | 354 | 236 | 177 | 142 | 118 | 88.5 | 70.8 |
| | | 4.0 | 1.31 | 393 | 262 | 197 | 157 | 131 | 98.3 | 78.6 |
| RED | SJ3-04-VP (50) | 1.5 | 1.17 | 351 | 234 | 176 | 140 | 117 | 87.8 | 70.2 |
| | | 2.0 | 1.32 | 396 | 264 | 198 | 158 | 132 | 99.0 | 79.2 |
| | | 3.0 | 1.56 | 468 | 312 | 234 | 187 | 156 | 117 | 93.6 |
| | | 4.0 | 1.75 | 525 | 350 | 263 | 210 | 175 | 131 | 105 |
| BROWN | SJ3-05-VP (50) | 1.5 | 1.42 | 426 | 284 | 213 | 170 | 142 | 107 | 85.2 |
| | | 2.0 | 1.63 | 489 | 326 | 245 | 196 | 163 | 122 | 97.8 |
| | | 3.0 | 1.96 | 588 | 392 | 294 | 235 | 196 | 147 | 118 |
| | | 4.0 | 2.18 | 654 | 436 | 327 | 262 | 218 | 164 | 131 |
| GRAY | SJ3-06-VP (50) | 1.5 | 1.69 | 507 | 338 | 254 | 203 | 169 | 127 | 101 |
| | | 2.0 | 1.97 | 591 | 394 | 296 | 236 | 197 | 148 | 118 |
| | | 3.0 | 2.40 | 720 | 480 | 360 | 288 | 240 | 180 | 144 |
| | | 4.0 | 2.63 | 789 | 526 | 395 | 316 | 263 | 197 | 158 |
| WHITE | SJ3-08-VP | 1.5 | 2.32 | 696 | 464 | 348 | 278 | 232 | 174 | 139 |
| | | 2.0 | 2.74 | 822 | 548 | 411 | 329 | 274 | 206 | 164 |
| | | 3.0 | 3.13 | 939 | 626 | 470 | 376 | 313 | 235 | 188 |
| | | 4.0 | 3.50 | 1050 | 700 | 525 | 420 | 350 | 263 | 210 |
| L. BLUE | SJ3-10-VP | 1.5 | 2.73 | 819 | 546 | 410 | 328 | 273 | 205 | 164 |
| | | 2.0 | 3.30 | 990 | 660 | 495 | 396 | 330 | 248 | 198 |
| | | 3.0 | 3.91 | 1173 | 782 | 587 | 469 | 391 | 293 | 235 |
| | | 4.0 | 4.44 | 1332 | 888 | 666 | 533 | 444 | 333 | 266 |
| L. GREEN | SJ3-15-VP | 1.5 | 3.91 | 1173 | 782 | 587 | 469 | 391 | 293 | 235 |
| | | 2.0 | 4.64 | 1392 | 928 | 696 | 557 | 464 | 348 | 278 |
| | | 3.0 | 5.86 | 1758 | 1172 | 879 | 703 | 586 | 440 | 352 |
| | | 4.0 | 6.76 | 2028 | 1352 | 1014 | 811 | 676 | 507 | 406 |
| BLACK | SJ3-20-VP | 1.5 | 5.58 | 1674 | 1116 | 837 | 670 | 558 | 419 | 335 |
| | | 2.0 | 6.48 | 1944 | 1296 | 972 | 778 | 648 | 486 | 389 |
| | | 3.0 | 8.05 | 2415 | 1610 | 1208 | 966 | 805 | 604 | 483 |
| | | 4.0 | 9.31 | 2793 | 1862 | 1397 | 1117 | 931 | 698 | 559 |

APPLICATION DATA IS BASED ON SPRAYING WATER AT 21°C.

DESCRIPTION:

APPLICATION RATES
FOR SJ3-___-VP
3-ORIFICE FERTILIZER TIP
(METRIC)



Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

Ref.

Data Sheet No.

50050

SHEET OF