

RECOMMENDED SPRAY TIPS FOR 2,4-D APPLICATION PER NEW, 2020/2021 APVMA LABEL REQUIREMENTS

Label Instructions:

- Always use nozzles producing droplets no smaller than the Very Coarse (VC) spray quality category
- Advisory statements for summer spray application between Oct 3rd, 2020 and April 15th, 2021 including using nozzles that produce Extremely Coarse (XC) to Ultra Coarse (UC) spray quality
- Avoid applying when inversion conditions exist or are likely to exist
- Boom height of 0.5 metres or lower above the target canopy
- Downwind mandatory no spray zones for both aquatic and terrestrial off target vegetation (including sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat)
- Additional mandatory record keeping requirements

Turbo TeeJet® Induction (TTI)

- Produces Very Coarse (VC) to Ultra Coarse (UC) droplets across a very wide pressure range (2 – 7 bar)
- Offers the lowest percentage of driftable droplets available (<1%)*
- Proven product specifically designed to meet stringent 90% drift reduction requirements in Europe, and across North America for drift management.
- All capacities are fully compliant with the new 2,4-D label instructions

TTI TwinJet® (TTI60)

- Produces Very Coarse (VC) to Ultra Coarse (UC) droplets across a very wide pressure range (1.5 to 7 bar)
- Provides exceptional spray coverage for consistent, reliable weed control
- All capacities are fully compliant with the new 2,4-D label instructions (when operated below 6 bar)

Both the TTI and TTI60 are suitable for use on sprayers that utilise Pulse Width Modulation (PWM) technology.**
To avoid misses when spraying VC droplets, the optimum duty cycle should be set around 70-80% and no lower than 40%.



TTI TwinJet®

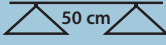


Turbo TeeJet® Induction

*University of Queensland, the TTI11002 spraying 2,4-D without adjuvant between 2-5 bar. Driftable droplets are defined as less than 150 microns.

**Note that each brand of PWM system have unique design, performance and operating differences which may have some impact on the nozzle performance. Therefore it is the user's ultimate decision to determine whether the TTI and TTI60 is suitable for their particular PWM system.

For a copy of the new APVMA permit: https://apvma.gov.au/sites/default/files/special_gazette_30092020.pdf

| TI160 | TTI | I/min | I/ha  | | | | | | | | | | | | | |
|--------------------------|-----|-------|--|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| | | | 6 km/h | 8 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 | 28 km/h | 30 km/h | |
| 015 TTI (100) | 2.0 | UC | 0.48 | 96.0 | 72.0 | 57.6 | 48.0 | 41.1 | 36.0 | 32.0 | 28.8 | 26.2 | 24.0 | 22.2 | 20.6 | 19.2 |
| | 3.0 | UC | 0.59 | 118 | 88.5 | 70.8 | 59.0 | 50.6 | 44.3 | 39.3 | 35.4 | 32.2 | 29.5 | 27.2 | 25.3 | 23.6 |
| | 4.0 | XC | 0.68 | 136 | 102 | 81.6 | 68.0 | 58.3 | 51.0 | 45.3 | 40.8 | 37.1 | 34.0 | 31.4 | 29.1 | 27.2 |
| | 5.0 | XC | 0.76 | 152 | 114 | 91.2 | 76.0 | 65.1 | 57.0 | 50.7 | 45.6 | 41.5 | 38.0 | 35.1 | 32.6 | 30.4 |
| | 6.0 | VC | 0.83 | 166 | 125 | 99.6 | 83.0 | 71.1 | 62.3 | 55.3 | 49.8 | 45.3 | 41.5 | 38.3 | 35.6 | 33.2 |
| 02 TTI60 TTI (50) | 2.0 | UC | 0.65 | 130 | 97.5 | 78.0 | 65.0 | 55.7 | 48.8 | 43.3 | 39.0 | 35.5 | 32.5 | 30.0 | 27.9 | 26.0 |
| | 3.0 | XC | 0.79 | 158 | 119 | 94.8 | 79.0 | 67.7 | 59.3 | 52.7 | 47.4 | 43.1 | 39.5 | 36.5 | 33.9 | 31.6 |
| | 4.0 | VC | 0.91 | 182 | 137 | 109 | 91.0 | 78.0 | 68.3 | 60.7 | 54.6 | 49.6 | 45.5 | 42.0 | 39.0 | 36.4 |
| | 5.0 | VC | 1.02 | 204 | 153 | 122 | 102 | 87.4 | 76.5 | 68.0 | 61.2 | 55.6 | 51.0 | 47.1 | 43.7 | 40.8 |
| | 6.0 | VC | 1.12 | 224 | 168 | 134 | 112 | 96.0 | 84.0 | 74.7 | 67.2 | 61.1 | 56.0 | 51.7 | 48.0 | 44.8 |
| 025 TTI60 TTI (50) | 2.0 | UC | 0.81 | 162 | 122 | 97.2 | 81.0 | 69.4 | 60.8 | 54.0 | 48.6 | 44.2 | 40.5 | 37.4 | 34.7 | 32.4 |
| | 3.0 | XC | 0.99 | 198 | 149 | 119 | 99.0 | 84.9 | 74.3 | 66.0 | 59.4 | 54.0 | 49.5 | 45.7 | 42.4 | 39.6 |
| | 4.0 | VC | 1.14 | 228 | 171 | 137 | 114 | 97.7 | 85.5 | 76.0 | 68.4 | 62.2 | 57.0 | 52.6 | 48.9 | 45.6 |
| | 5.0 | VC | 1.28 | 256 | 192 | 154 | 128 | 110 | 96.0 | 85.3 | 76.8 | 69.8 | 64.0 | 59.1 | 54.9 | 51.2 |
| | 6.0 | VC | 1.40 | 280 | 210 | 168 | 140 | 120 | 105 | 93.3 | 84.0 | 76.4 | 70.0 | 64.6 | 60.0 | 56.0 |
| 03 TTI60 TTI (50) | 2.0 | UC | 0.96 | 192 | 144 | 115 | 96.0 | 82.3 | 72.0 | 64.0 | 57.6 | 52.4 | 48.0 | 44.3 | 41.1 | 38.4 |
| | 3.0 | UC | 1.18 | 236 | 177 | 142 | 118 | 101 | 88.5 | 78.7 | 70.8 | 64.4 | 59.0 | 54.5 | 50.6 | 47.2 |
| | 4.0 | XC | 1.36 | 272 | 204 | 163 | 136 | 117 | 102 | 90.7 | 81.6 | 74.2 | 68.0 | 62.8 | 58.3 | 54.4 |
| | 5.0 | XC | 1.52 | 304 | 228 | 182 | 152 | 130 | 114 | 101 | 91.2 | 82.9 | 76.0 | 70.2 | 65.1 | 60.8 |
| | 6.0 | VC | 1.67 | 334 | 251 | 200 | 167 | 143 | 125 | 111 | 100 | 91.1 | 83.5 | 77.1 | 71.6 | 66.8 |
| 04 TTI60 TTI (50) | 2.0 | UC | 1.29 | 258 | 194 | 155 | 129 | 111 | 96.8 | 86.0 | 77.4 | 70.4 | 64.5 | 59.5 | 55.3 | 51.6 |
| | 3.0 | UC | 1.58 | 316 | 237 | 190 | 158 | 135 | 119 | 105 | 94.8 | 86.2 | 79.0 | 72.9 | 67.7 | 63.2 |
| | 4.0 | XC | 1.82 | 364 | 273 | 218 | 182 | 156 | 137 | 121 | 109 | 99.3 | 91.0 | 84.0 | 78.0 | 72.8 |
| | 5.0 | XC | 2.04 | 408 | 306 | 245 | 204 | 175 | 153 | 136 | 122 | 111 | 102 | 94.2 | 87.4 | 81.6 |
| | 6.0 | VC | 2.23 | 446 | 335 | 268 | 223 | 191 | 167 | 149 | 134 | 122 | 112 | 103 | 95.6 | 89.2 |
| 05 TTI60 TTI (50) | 2.0 | UC | 1.61 | 322 | 242 | 193 | 161 | 138 | 121 | 107 | 96.6 | 87.8 | 80.5 | 74.3 | 69.0 | 64.4 |
| | 3.0 | UC | 1.97 | 394 | 296 | 236 | 197 | 169 | 148 | 131 | 118 | 107 | 98.5 | 90.9 | 84.4 | 78.8 |
| | 4.0 | XC | 2.27 | 454 | 341 | 272 | 227 | 195 | 170 | 151 | 136 | 124 | 114 | 105 | 97.3 | 90.8 |
| | 5.0 | XC | 2.54 | 508 | 381 | 305 | 254 | 218 | 191 | 169 | 152 | 139 | 127 | 117 | 109 | 102 |
| | 6.0 | VC | 2.79 | 558 | 419 | 335 | 279 | 239 | 209 | 186 | 167 | 152 | 140 | 129 | 120 | 112 |
| 06 TTI60 TTI (50) | 2.0 | UC | 1.94 | 388 | 291 | 233 | 194 | 166 | 146 | 129 | 116 | 106 | 97.0 | 89.5 | 83.1 | 77.6 |
| | 3.0 | UC | 2.37 | 474 | 356 | 284 | 237 | 203 | 178 | 158 | 142 | 129 | 119 | 109 | 102 | 94.8 |
| | 4.0 | XC | 2.74 | 548 | 411 | 329 | 274 | 235 | 206 | 183 | 164 | 149 | 137 | 126 | 117 | 110 |
| | 5.0 | XC | 3.06 | 612 | 459 | 367 | 306 | 262 | 230 | 204 | 184 | 167 | 153 | 141 | 131 | 122 |
| | 6.0 | XC | 3.35 | 670 | 503 | 402 | 335 | 287 | 251 | 223 | 201 | 183 | 168 | 155 | 144 | 134 |

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C.

* Droplet Size Classifications are in accordance with ASAE Standard S-572.1 at the date of printing. Classifications are subject to change.

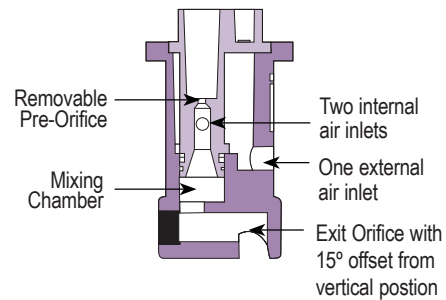


 EXTREMELY FINE (XF) VERY FINE (VF) FINE (F) MEDIUM (M) COARSE (C) VERY COARSE (VC) EXTREMELY COARSE (XC) ULTRA COARSE (UC)

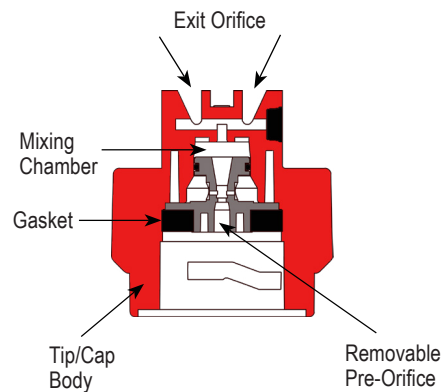


| Tip Spacing | Conversion Factor I/min |
|-------------|-------------------------|
| 25 cm | 2 |
| 38 cm | 1.3 |

TTI CROSS-SECTION VIEW

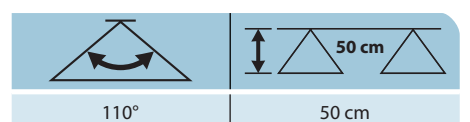


TTI60 CROSS-SECTION VIEW



How To Order:

| PART NUMBER | DESCRIPTION |
|----------------|--|
| TTI11002-VP | TTI Tip |
| 114443A-6-CELR | TeeJet Cap (Yellow) with Gasket (EPDM) |
| TTI11002-VP-CE | TTI Tip with Quick TeeJet Cap and Gasket |
| TTI60-11002VP | TTI TwinJet Tip/Cap |



Learn more at www.teejet.com/24D