



Capacity
Bar L/min



Application Rate in L/ha

Nozzle spacing: 50 cm

Speed (km/h)

5 6 7 8 10 12 14 16 18 20 25

Strainer Mesh Size

| Nozzle | Capacity Bar L/min | Nozzle | | | | | | | | | | Speed (km/h) | | | | | | | | | | | Strainer Mesh Size | | |
|---|-----------------------|---------------|---------------|--------------------|-----------------|-------------------|----------------|----------------------|--------------------|-----------------|----|--------------|----|------|------|------|------|------|-------|------|------|------|--------------------|------|---|
| | | XR 1-4 bar | TT 1-6 bar | TTJ60 1,5-6 bar | AIXR 1-6 bar | AI-AIC 2-8 bar | TTI 1-7 bar | AITTJ60 1,5-6 bar | TTI60 1,5-7 bar | APTJ 1-6 bar | 5 | 6 | 7 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 25 | | | | |
| 01 XR - TT | 1,0 | 0,23 | F | VC | - | - | - | - | - | - | - | - | - | 55,2 | 46,0 | 39,4 | 34,5 | 27,6 | 23,0 | 19,7 | 17,3 | 15,3 | 13,8 | 11,0 | XR - TT 100 Mesh |
| | 2,0 | 0,32 | F | C | - | - | - | - | - | - | - | - | - | 76,8 | 64,0 | 54,9 | 48,0 | 38,4 | 32,0 | 27,4 | 24,0 | 21,3 | 19,2 | 15,4 | |
| | 3,0 | 0,39 | F | M | - | - | - | - | - | - | - | - | - | 93,6 | 78,0 | 66,9 | 58,5 | 46,8 | 39,0 | 33,4 | 29,3 | 26,0 | 23,4 | 18,7 | |
| | 4,0 | 0,45 | VF | M | - | - | - | - | - | - | - | - | - | 108 | 90,0 | 77,1 | 67,5 | 54,0 | 45,0 | 38,6 | 33,8 | 30,0 | 27,0 | 21,6 | |
| | 5,0 | 0,50 | - | F | - | - | - | - | - | - | - | - | - | 120 | 100 | 85,7 | 75,0 | 60,0 | 50,0 | 42,9 | 37,5 | 33,3 | 30,0 | 24,0 | |
| | 6,0 | 0,55 | - | F | - | - | - | - | - | - | - | - | - | 132 | 110 | 94,3 | 82,5 | 66,0 | 55,0 | 47,1 | 41,3 | 36,7 | 33,0 | 26,4 | |
| | 7,0 | 0,60 | - | - | - | - | - | - | - | - | - | - | - | 144 | 120 | 103 | 90,0 | 72,0 | 60,0 | 51,4 | 45,0 | 40,0 | 36,0 | 28,8 | |
| 015 XR - TT - AIXR AI/AIC - TTI APTJ | 1,0 | 0,34 | M | VC | - | VC | - | UC | - | - | UC | - | UC | 81,6 | 68,0 | 58,3 | 51,0 | 40,8 | 34,0 | 29,1 | 25,5 | 22,7 | 20,4 | 16,3 | XR - TT - AIXR AI/AIC - TTI APTJ 100 Mesh |
| | 2,0 | 0,48 | F | C | - | C | XC | UC | - | - | UC | - | UC | 115 | 96,0 | 82,3 | 72,0 | 57,6 | 48,0 | 41,1 | 36,0 | 32,0 | 28,8 | 23,0 | |
| | 3,0 | 0,59 | F | M | - | C | VC | XC | UC | - | - | UC | - | 142 | 118 | 101 | 88,5 | 70,8 | 59,0 | 50,6 | 44,3 | 39,3 | 35,4 | 28,3 | |
| | 4,0 | 0,68 | F | M | - | M | VC | XC | UC | - | - | UC | - | 163 | 136 | 117 | 102 | 81,6 | 68,0 | 58,3 | 51,0 | 45,3 | 40,8 | 32,6 | |
| | 5,0 | 0,76 | - | M | - | M | C | VC | UC | - | - | XC | - | 182 | 152 | 130 | 114 | 91,2 | 76,0 | 65,1 | 57,0 | 50,7 | 45,6 | 36,5 | |
| | 6,0 | 0,83 | - | F | - | M | C | VC | UC | - | - | XC | - | 199 | 166 | 142 | 125 | 100 | 83,0 | 71,1 | 62,3 | 55,3 | 49,8 | 39,8 | |
| | 7,0 | 0,90 | - | - | - | - | C | VC | UC | - | - | XC | - | 216 | 180 | 154 | 135 | 108 | 90,0 | 77,1 | 67,5 | 60,0 | 54,0 | 43,2 | |
| 02 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 0,46 | M | VC | C | XC | - | UC | XC | XC | UC | - | UC | 110 | 92,0 | 78,9 | 69,0 | 55,2 | 46,0 | 39,4 | 34,5 | 30,7 | 27,6 | 22,1 | XR - TT - AIXR AI/AIC - TTI TTI60 50 Mesh |
| | 2,0 | 0,65 | F | C | C | VC | XC | UC | UC | XC | UC | - | UC | 156 | 130 | 111 | 97,5 | 78,0 | 65,0 | 55,7 | 48,8 | 43,3 | 39,0 | 31,2 | |
| | 3,0 | 0,79 | F | M | M | C | VC | XC | UC | VC | VC | UC | - | 190 | 158 | 135 | 119 | 94,8 | 79,0 | 67,7 | 59,3 | 52,7 | 47,4 | 37,9 | |
| | 4,0 | 0,91 | F | M | M | M | VC | XC | UC | C | VC | UC | - | 218 | 182 | 156 | 137 | 109 | 91,0 | 78,0 | 68,3 | 60,7 | 54,6 | 43,7 | |
| | 5,0 | 1,02 | - | M | M | M | C | VC | UC | C | C | XC | - | 245 | 204 | 175 | 153 | 122 | 102 | 87,4 | 76,5 | 68,0 | 61,2 | 49,0 | |
| | 6,0 | 1,12 | - | F | M | M | C | VC | UC | M | C | XC | - | 269 | 224 | 192 | 168 | 134 | 112 | 96,0 | 84,0 | 74,7 | 67,2 | 53,8 | |
| | 7,0 | 1,21 | - | - | - | - | C | VC | UC | - | C | XC | - | 290 | 242 | 207 | 182 | 145 | 121 | 104 | 90,8 | 80,7 | 72,6 | 58,1 | |
| 025 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 0,57 | M | VC | VC | XC | - | UC | XC | XC | UC | - | UC | 137 | 114 | 98 | 86 | 68,4 | 57,0 | 48,9 | 42,8 | 38,0 | 34,2 | 27,4 | XR - TT - AIXR AI/AIC - TTI TTI60 50 Mesh |
| | 2,0 | 0,81 | M | C | C | VC | XC | UC | UC | VC | XC | - | UC | 194 | 162 | 139 | 122 | 97,2 | 81,0 | 69,4 | 60,8 | 54,0 | 48,6 | 38,9 | |
| | 3,0 | 0,99 | F | M | C | C | VC | XC | UC | VC | VC | UC | - | 238 | 198 | 170 | 149 | 119 | 99,0 | 84,9 | 74,3 | 66,0 | 59,4 | 47,5 | |
| | 4,0 | 1,14 | F | M | M | M | VC | XC | UC | C | VC | UC | - | 274 | 228 | 195 | 171 | 137 | 114 | 97,7 | 85,5 | 76,0 | 68,4 | 54,7 | |
| | 5,0 | 1,28 | - | M | M | M | C | VC | UC | C | C | XC | - | 307 | 256 | 219 | 192 | 154 | 128 | 110 | 96,0 | 85,3 | 76,8 | 61,4 | |
| | 6,0 | 1,40 | - | F | M | M | C | VC | UC | C | C | XC | - | 336 | 280 | 240 | 210 | 168 | 140 | 120 | 105 | 93,3 | 84,0 | 67,2 | |
| | 7,0 | 1,51 | - | - | - | - | C | VC | UC | - | C | XC | - | 362 | 302 | 259 | 227 | 181 | 151 | 129 | 113 | 101 | 90,6 | 72,5 | |
| 03 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 0,68 | M | XC | VC | XC | - | UC | XC | UC | UC | - | UC | 163 | 136 | 117 | 102 | 81,6 | 68,0 | 58,3 | 51,0 | 45,3 | 40,8 | 32,6 | XR - TT - AIXR AI/AIC - TTI AITTJ60 TTI60 - APTJ 50 Mesh |
| | 2,0 | 0,96 | M | C | C | VC | XC | UC | UC | XC | UC | - | UC | 230 | 192 | 165 | 144 | 115 | 96,0 | 82,3 | 72,0 | 64,0 | 57,6 | 46,1 | |
| | 3,0 | 1,18 | F | M | C | C | VC | XC | UC | VC | XC | UC | - | 283 | 236 | 202 | 177 | 142 | 118 | 101 | 88,5 | 78,7 | 70,8 | 56,6 | |
| | 4,0 | 1,36 | F | M | M | M | VC | XC | UC | C | VC | UC | - | 326 | 272 | 233 | 204 | 163 | 136 | 117 | 102 | 90,7 | 81,6 | 65,3 | |
| | 5,0 | 1,52 | - | M | M | M | C | VC | UC | C | C | XC | - | 365 | 304 | 261 | 228 | 182 | 152 | 130 | 114 | 101 | 91,2 | 73,0 | |
| | 6,0 | 1,67 | - | F | M | M | C | VC | UC | C | C | XC | - | 401 | 334 | 286 | 251 | 200 | 167 | 143 | 125 | 111 | 100 | 80,2 | |
| | 7,0 | 1,80 | - | - | - | - | C | VC | UC | - | C | XC | - | 432 | 360 | 309 | 270 | 216 | 180 | 154 | 135 | 120 | 108 | 86,4 | |
| 04 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 0,91 | M | XC | VC | XC | - | UC | XC | UC | UC | - | UC | 218 | 182 | 156 | 137 | 109 | 91,0 | 78,0 | 68,3 | 60,7 | 54,6 | 43,7 | XR - TT TTJ60 - AIXR AI/AIC - TTI AITTJ60 TTI60 - APTJ 50 Mesh |
| | 2,0 | 1,29 | M | C | C | VC | XC | UC | UC | XC | UC | - | UC | 310 | 258 | 221 | 194 | 155 | 129 | 111 | 96,8 | 86,0 | 77,4 | 61,9 | |
| | 3,0 | 1,58 | M | M | C | C | VC | XC | UC | VC | XC | UC | - | 379 | 316 | 271 | 237 | 190 | 158 | 135 | 119 | 105 | 94,8 | 75,8 | |
| | 4,0 | 1,82 | F | M | M | M | VC | XC | UC | C | VC | UC | - | 437 | 364 | 312 | 273 | 218 | 182 | 156 | 137 | 121 | 109 | 87,4 | |
| | 5,0 | 2,04 | - | M | M | M | C | VC | UC | C | C | XC | - | 490 | 408 | 350 | 306 | 245 | 204 | 175 | 153 | 136 | 122 | 97,9 | |
| | 6,0 | 2,23 | - | F | M | M | C | VC | UC | C | C | XC | - | 535 | 446 | 382 | 335 | 268 | 223 | 191 | 167 | 149 | 134 | 107 | |
| | 7,0 | 2,41 | - | - | - | - | C | VC | UC | - | C | XC | - | 578 | 482 | 413 | 362 | 289 | 241 | 207 | 181 | 161 | 145 | 116 | |
| 05 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 1,14 | M | XC | VC | XC | - | UC | XC | UC | UC | - | UC | 274 | 228 | 195 | 171 | 137 | 114 | 97,7 | 85,5 | 76,0 | 68,4 | 54,7 | XR - TT TTJ60 - AIXR AI/AIC - TTI AITTJ60 TTI60 - APTJ 50 Mesh |
| | 2,0 | 1,61 | M | C | C | VC | XC | UC | UC | XC | UC | - | UC | 386 | 322 | 276 | 242 | 193 | 161 | 138 | 121 | 107 | 96,6 | 77,3 | |
| | 3,0 | 1,97 | M | M | C | VC | XC | XC | UC | VC | XC | UC | - | 473 | 394 | 338 | 296 | 236 | 197 | 169 | 148 | 131 | 118 | 94,6 | |
| | 4,0 | 2,27 | F | M | M | C | VC | XC | UC | C | VC | UC | - | 545 | 454 | 389 | 341 | 272 | 227 | 195 | 170 | 151 | 136 | 109 | |
| | 5,0 | 2,54 | - | M | M | M | VC | VC | UC | C | C | XC | - | 610 | 508 | 435 | 381 | 305 | 254 | 218 | 191 | 169 | 152 | 122 | |
| | 6,0 | 2,79 | - | F | M | M | C | VC | UC | C | C | XC | - | 670 | 558 | 478 | 419 | 335 | 279 | 239 | 209 | 186 | 167 | 134 | |
| | 7,0 | 3,01 | - | - | - | - | C | VC | UC | - | C | XC | - | 722 | 602 | 516 | 452 | 361 | 301 | 258 | 226 | 201 | 181 | 144 | |
| 06 XR - TT - TTJ60 AIXR - AI/AIC TTI - AITTJ60 TTI60 - APTJ | 1,0 | 1,37 | C | XC | VC | XC | - | UC | XC | UC | UC | - | UC | 329 | 274 | 235 | 206 | 164 | 137,0 | 117 | 103 | 91,3 | 82,2 | 65,8 | XR - TT TTJ60 - AIXR AI/AIC - TTI AITTJ60 TTI60 - APTJ 50 Mesh |
| | 2,0 | 1,94 | M | C | C | VC | XC | UC | UC | XC | UC | - | UC | 466 | 388 | 333 | 291 | 233 | 194 | 166 | 146 | 129 | 116 | 93,1 | |
| | 3,0 | 2,37 | M | M | C | VC | XC | XC | UC | VC | XC | UC | - | 569 | 474 | 406 | 356 | 284 | 237 | 203 | 178 | 158 | 142 | 114 | |
| | 4,0 | 2,74 | M | M | M | C | VC | XC | UC | C | C | XC | - | 658 | 548 | 470 | 411 | 329 | 274 | 235 | 206 | 183 | 164 | 132 | |
| | 5,0 | 3,06 | - | M | M | M | C | VC | UC | C | C | XC | - | 734 | 612 | 525 | 459 | 367 | 306 | 262 | 230 | 204 | 184 | 147 | |
| | 6,0 | 3,35 | - | F | M | M | C | VC | UC | C | C | XC | - | 804 | 670 | 574 | 503 | 402 | 335 | 287 | 251 | 223 | 201 | 161 | |
| | 7,0 | 3,62 | - | - | - | - | C | C | UC | - | C | XC | - | 869 | 724 | 621 | 543 | 434 | 362 | 310 | 272 | 241 | 217 | 174 | |

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size data based on ISO 25358.

Droplet size color legend

