



BROADCAST NOZZLES

| TIP PART NO. (STRAINER MESH SIZE) | PSI | DROP SIZE | | CAPACITY ONE TIP IN GPM | CAPACITY ONE TIP IN OZ/MIN | APPLICATION RATE FOR 20" SPRAY TIP SPACING | | | | | | | | | | | | |
|---|-----|-----------|---|-------------------------|----------------------------|--|-------|-------|-------|--------|--------|--------|--------|---|-------|-------|-------|--|
| | | | | | | GALLONS PER ACRE (GPA) | | | | | | | | TURF APPLICATION GALLONS PER 1000 SQ. FT. | | | | |
| | | | | | | 4 MPH | 5 MPH | 6 MPH | 8 MPH | 10 MPH | 12 MPH | 15 MPH | 20 MPH | 2 MPH | 3 MPH | 4 MPH | 5 MPH | |
| TJ60-6501 TJ60-8001 (100) | 30 | F | | 0.087 | 11 | 6.5 | 5.2 | 4.3 | 3.2 | 2.6 | 2.2 | 1.7 | 1.3 | 0.30 | 0.20 | 0.15 | 0.12 | |
| | 35 | F | | 0.094 | 12 | 7.0 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.9 | 1.4 | 0.32 | 0.21 | 0.16 | 0.13 | |
| | 40 | F | | 0.10 | 13 | 7.4 | 5.9 | 5.0 | 3.7 | 3.0 | 2.5 | 2.0 | 1.5 | 0.34 | 0.23 | 0.17 | 0.14 | |
| | 50 | VF | | 0.11 | 14 | 8.2 | 6.5 | 5.4 | 4.1 | 3.3 | 2.7 | 2.2 | 1.6 | 0.37 | 0.25 | 0.19 | 0.15 | |
| | 60 | VF | | 0.12 | 15 | 8.9 | 7.1 | 5.9 | 4.5 | 3.6 | 3.0 | 2.4 | 1.8 | 0.41 | 0.27 | 0.20 | 0.16 | |
| TJ60-650134 (100) | 30 | | | 0.12 | 15 | 8.9 | 7.1 | 5.9 | 4.5 | 3.6 | 3.0 | 2.4 | 1.8 | 0.41 | 0.27 | 0.20 | 0.16 | |
| | 35 | | | 0.13 | 17 | 9.7 | 7.7 | 6.4 | 4.8 | 3.9 | 3.2 | 2.6 | 1.9 | 0.44 | 0.29 | 0.22 | 0.18 | |
| | 40 | | | 0.134 | 17 | 9.9 | 8.0 | 6.6 | 5.0 | 4.0 | 3.3 | 2.7 | 2.0 | 0.46 | 0.30 | 0.23 | 0.18 | |
| | 50 | | | 0.15 | 19 | 11.1 | 8.9 | 7.4 | 5.6 | 4.5 | 3.7 | 3.0 | 2.2 | 0.51 | 0.34 | 0.26 | 0.20 | |
| | 60 | | | 0.16 | 20 | 11.9 | 9.5 | 7.9 | 5.9 | 4.8 | 4.0 | 3.2 | 2.4 | 0.54 | 0.36 | 0.27 | 0.22 | |
| TJ60-6502 TJ60-8002 TJ60-11002 (100) | 30 | F | F | 0.17 | 22 | 12.6 | 10.1 | 8.4 | 6.3 | 5.0 | 4.2 | 3.4 | 2.5 | 0.58 | 0.39 | 0.29 | 0.23 | |
| | 35 | F | F | 0.19 | 24 | 14.1 | 11.3 | 9.4 | 7.1 | 5.6 | 4.7 | 3.8 | 2.8 | 0.65 | 0.43 | 0.32 | 0.26 | |
| | 40 | F | F | 0.20 | 26 | 14.9 | 11.9 | 9.9 | 7.4 | 5.9 | 5.0 | 4.0 | 3.0 | 0.68 | 0.45 | 0.34 | 0.27 | |
| | 50 | F | F | 0.22 | 28 | 16.3 | 13.1 | 10.9 | 8.2 | 6.5 | 5.4 | 4.4 | 3.3 | 0.75 | 0.50 | 0.37 | 0.30 | |
| | 60 | F | F | 0.24 | 31 | 17.8 | 14.3 | 11.9 | 8.9 | 7.1 | 5.9 | 4.8 | 3.6 | 0.82 | 0.54 | 0.41 | 0.33 | |
| TJ60-6503 TJ60-8003 TJ60-11003 (100) | 30 | F | F | 0.26 | 33 | 19.3 | 15.4 | 12.9 | 9.7 | 7.7 | 6.4 | 5.1 | 3.9 | 0.88 | 0.59 | 0.44 | 0.35 | |
| | 35 | F | F | 0.28 | 36 | 21 | 16.6 | 13.9 | 10.4 | 8.3 | 6.9 | 5.5 | 4.2 | 0.95 | 0.63 | 0.48 | 0.38 | |
| | 40 | F | F | 0.30 | 38 | 22 | 17.8 | 14.9 | 11.1 | 8.9 | 7.4 | 5.9 | 4.5 | 1.0 | 0.68 | 0.51 | 0.41 | |
| | 50 | F | F | 0.34 | 44 | 25 | 20 | 16.8 | 12.6 | 10.1 | 8.4 | 6.7 | 5.0 | 1.2 | 0.77 | 0.58 | 0.46 | |
| | 60 | F | F | 0.37 | 47 | 27 | 22 | 18.3 | 13.7 | 11.0 | 9.2 | 7.3 | 5.5 | 1.3 | 0.84 | 0.63 | 0.50 | |
| TJ60-6504 TJ60-8004 TJ60-11004 (50) | 30 | F | F | 0.35 | 45 | 26 | 21 | 17.3 | 13.0 | 10.4 | 8.7 | 6.9 | 5.2 | 1.2 | 0.79 | 0.60 | 0.48 | |
| | 35 | F | F | 0.37 | 47 | 27 | 22 | 18.3 | 13.7 | 11.0 | 9.2 | 7.3 | 5.5 | 1.3 | 0.84 | 0.63 | 0.50 | |
| | 40 | F | F | 0.40 | 51 | 30 | 24 | 19.8 | 14.9 | 11.9 | 9.9 | 7.9 | 5.9 | 1.4 | 0.91 | 0.68 | 0.54 | |
| | 50 | F | F | 0.45 | 58 | 33 | 27 | 22 | 16.7 | 13.4 | 11.1 | 8.9 | 6.7 | 1.5 | 1.0 | 0.77 | 0.61 | |
| | 60 | F | F | 0.49 | 63 | 36 | 29 | 24 | 18.2 | 14.6 | 12.1 | 9.7 | 7.3 | 1.7 | 1.1 | 0.83 | 0.67 | |
| TJ60-8005 TJ60-11005 (50) | 30 | M | M | 0.43 | 55 | 32 | 26 | 21 | 16.0 | 12.8 | 10.6 | 8.5 | 6.4 | 1.5 | 0.97 | 0.73 | 0.58 | |
| | 35 | M | M | 0.47 | 60 | 35 | 28 | 23 | 17.4 | 14.0 | 11.6 | 9.3 | 7.0 | 1.6 | 1.07 | 0.80 | 0.64 | |
| | 40 | M | M | 0.50 | 64 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 9.9 | 7.4 | 1.7 | 1.13 | 0.85 | 0.68 | |
| | 50 | M | M | 0.56 | 72 | 42 | 33 | 28 | 21 | 16.6 | 13.9 | 11.1 | 8.3 | 1.9 | 1.3 | 0.95 | 0.76 | |
| | 60 | F | F | 0.61 | 78 | 45 | 36 | 30 | 23 | 18.1 | 15.1 | 12.1 | 9.1 | 2.1 | 1.4 | 1.04 | 0.83 | |
| TJ60-6506 TJ60-8006 TJ60-11006 (50) | 30 | M | M | 0.52 | 67 | 39 | 31 | 26 | 19.3 | 15.4 | 12.9 | 10.3 | 7.7 | 1.8 | 1.2 | 0.88 | 0.71 | |
| | 35 | M | M | 0.56 | 72 | 42 | 33 | 28 | 21 | 16.6 | 13.9 | 11.1 | 8.3 | 1.9 | 1.3 | 0.95 | 0.76 | |
| | 40 | M | M | 0.60 | 77 | 45 | 36 | 30 | 22 | 17.8 | 14.9 | 11.9 | 8.9 | 2.0 | 1.4 | 1.0 | 0.82 | |
| | 50 | M | M | 0.67 | 86 | 50 | 40 | 33 | 25 | 19.9 | 16.6 | 13.3 | 9.9 | 2.3 | 1.5 | 1.1 | 0.91 | |
| | 60 | M | M | 0.73 | 93 | 54 | 43 | 36 | 27 | 22 | 18.1 | 14.5 | 10.8 | 2.5 | 1.7 | 1.2 | 0.99 | |
| TJ60-6508 TJ60-8008 TJ60-11008 (50) | 30 | M | M | 0.69 | 88 | 51 | 41 | 34 | 26 | 20 | 17.1 | 13.7 | 10.2 | 2.3 | 1.6 | 1.2 | 0.94 | |
| | 35 | M | M | 0.75 | 96 | 56 | 45 | 37 | 28 | 22 | 18.6 | 14.9 | 11.1 | 2.6 | 1.7 | 1.3 | 1.0 | |
| | 40 | M | M | 0.80 | 102 | 59 | 48 | 40 | 30 | 24 | 19.8 | 15.8 | 11.9 | 2.7 | 1.8 | 1.4 | 1.1 | |
| | 50 | M | M | 0.89 | 114 | 66 | 53 | 44 | 33 | 26 | 22 | 17.6 | 13.2 | 3.0 | 2.0 | 1.5 | 1.2 | |
| | 60 | M | M | 0.98 | 125 | 73 | 58 | 49 | 36 | 29 | 24 | 19.4 | 14.6 | 3.3 | 2.2 | 1.7 | 1.3 | |
| TJ60-8010 TJ60-11010 (50) | 30 | M | M | 0.87 | 111 | 65 | 52 | 43 | 32 | 26 | 22 | 17.2 | 12.9 | 3.0 | 2.0 | 1.5 | 1.2 | |
| | 35 | M | M | 0.94 | 120 | 70 | 56 | 47 | 35 | 28 | 23 | 18.6 | 14.0 | 3.2 | 2.1 | 1.6 | 1.3 | |
| | 40 | M | M | 1.00 | 128 | 74 | 59 | 50 | 37 | 30 | 25 | 19.8 | 14.9 | 3.4 | 2.3 | 1.7 | 1.4 | |
| | 50 | M | M | 1.12 | 143 | 83 | 67 | 55 | 42 | 33 | 28 | 22 | 16.6 | 3.8 | 2.5 | 1.9 | 1.5 | |
| | 60 | M | M | 1.22 | 156 | 91 | 72 | 60 | 45 | 36 | 30 | 24 | 18.1 | 4.1 | 2.8 | 2.1 | 1.7 | |

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

