



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 | | | | | | | | | | TURF APPLICATION GALLONS PER 1000 SQ. FT. | | | |
|-----------------------------------|-----|-----------|------|-------------------------|----------------------------|--|-------|-------|-------|--------|--------|--------|--------|-------|-------|---|-------|--|--|
| | | 80° | 110° | | | GALLONS PER ACRE (GPA) | | | | | | | | | | | | | |
| | | | | | | 4 MPH | 5 MPH | 6 MPH | 8 MPH | 10 MPH | 12 MPH | 15 MPH | 20 MPH | 2 MPH | 3 MPH | 4 MPH | 5 MPH | | |
| XRC80015 (100) | 15 | M | M | 0.092 | 12 | 6.8 | 5.5 | 4.6 | 3.4 | 2.7 | 2.3 | 1.8 | 1.4 | 0.31 | 0.21 | 0.16 | 0.13 | | |
| | 20 | F | F | 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 | | |
| | 30 | F | F | 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 | F | F | 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 | | |
| | 50 | 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 | | |
| 60 | F | F | 0.18 | 23 | 13.4 | 10.7 | 8.9 | 6.7 | 5.3 | 4.5 | 3.6 | 2.7 | 0.61 | 0.41 | 0.31 | 0.24 | | | |
| XRC8002 XRC11002 (50) | 15 | M | M | 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 | | |
| | 20 | M | M | 0.14 | 18 | 10.4 | 8.3 | 6.9 | 5.2 | 4.2 | 3.5 | 2.8 | 2.1 | 0.48 | 0.32 | 0.24 | 0.19 | | |
| | 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 | | |
| | 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 | | | |
| XRC110025 (50) | 15 | M | M | 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 | | |
| | 20 | M | M | 0.18 | 23 | 13.4 | 10.7 | 8.9 | 6.7 | 5.3 | 4.5 | 3.6 | 2.7 | 0.61 | 0.41 | 0.31 | 0.24 | | |
| | 30 | M | M | 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 | | |
| | 40 | F | F | 0.25 | 32 | 18.6 | 14.9 | 12.4 | 9.3 | 7.4 | 6.2 | 5.0 | 3.7 | 0.85 | 0.57 | 0.43 | 0.34 | | |
| | 50 | 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 | | |
| 60 | F | F | 0.31 | 40 | 23 | 18.4 | 15.3 | 11.5 | 9.2 | 7.7 | 6.1 | 4.6 | 1.1 | 0.70 | 0.53 | 0.42 | | | |
| XRC8003 XRC11003 (50) | 15 | M | M | 0.18 | 23 | 13.4 | 10.7 | 8.9 | 6.7 | 5.3 | 4.5 | 3.6 | 2.7 | 0.61 | 0.41 | 0.31 | 0.24 | | |
| | 20 | M | M | 0.21 | 27 | 15.6 | 12.5 | 10.4 | 7.8 | 6.2 | 5.2 | 4.2 | 3.1 | 0.71 | 0.48 | 0.36 | 0.29 | | |
| | 30 | M | M | 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 | | |
| | 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 | | | |
| XRC8004 XRC11004 (50) | 15 | M | M | 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 | | |
| | 20 | M | M | 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 | | |
| | 30 | M | M | 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 | | |
| | 40 | M | M | 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 | | | |
| XRC8005 XRC11005 (50) | 15 | C | M | 0.31 | 40 | 23 | 18.4 | 15.3 | 11.5 | 9.2 | 7.7 | 6.1 | 4.6 | 1.1 | 0.70 | 0.53 | 0.42 | | |
| | 20 | M | M | 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 | | |
| | 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 | | |
| | 40 | M | M | 0.50 | 64 | 37 | 30 | 25 | 18.6 | 14.9 | 12.4 | 9.9 | 7.4 | 1.7 | 1.1 | 0.85 | 0.68 | | |
| | 50 | M | F | 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 | 1.0 | 0.83 | | | |
| XRC8006 XRC11006 (50) | 15 | C | C | 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 | | |
| | 20 | C | M | 0.42 | 54 | 31 | 25 | 21 | 15.6 | 12.5 | 10.4 | 8.3 | 6.2 | 1.4 | 0.95 | 0.71 | 0.57 | | |
| | 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 | | |
| | 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 | | | |
| XRC8008 XRC11008 (50) | 15 | VC | C | 0.49 | 63 | 36 | 29 | 24 | 18.2 | 14.6 | 12.1 | 9.7 | 7.3 | 1.7 | 1.1 | 0.83 | 0.67 | | |
| | 20 | C | M | 0.57 | 73 | 42 | 34 | 28 | 21 | 16.9 | 14.1 | 11.3 | 8.5 | 1.9 | 1.3 | 0.97 | 0.78 | | |
| | 30 | C | M | 0.69 | 88 | 51 | 41 | 34 | 26 | 20 | 17.1 | 13.7 | 10.2 | 2.3 | 1.6 | 1.2 | 0.94 | | |
| | 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 | | | |
| XRC11010 | 15 | VC | C | 0.61 | 78 | 45 | 36 | 30 | 23 | 18.1 | 15.1 | 12.1 | 9.1 | 2.1 | 1.4 | 1.0 | 0.83 | | |
| | 20 | C | C | 0.71 | 91 | 53 | 42 | 35 | 26 | 21 | 17.6 | 14.1 | 10.5 | 2.4 | 1.6 | 1.2 | 0.97 | | |
| | 30 | C | C | 0.87 | 111 | 65 | 52 | 43 | 32 | 26 | 22 | 17.2 | 12.9 | 3.0 | 2.0 | 1.5 | 1.2 | | |
| | 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 | | | |
| XRC11015 | 15 | XC | VC | 0.92 | 118 | 68 | 55 | 46 | 34 | 27 | 23 | 18.2 | 13.7 | 3.1 | 2.1 | 1.6 | 1.3 | | |
| | 20 | VC | VC | 1.06 | 136 | 79 | 63 | 52 | 39 | 31 | 26 | 21 | 15.7 | 3.6 | 2.4 | 1.8 | 1.4 | | |
| | 30 | VC | C | 1.30 | 166 | 97 | 77 | 64 | 48 | 39 | 32 | 26 | 19.3 | 4.4 | 2.9 | 2.2 | 1.8 | | |
| | 40 | C | C | 1.50 | 192 | 111 | 89 | 74 | 56 | 45 | 37 | 30 | 22 | 5.1 | 3.4 | 2.6 | 2.0 | | |
| | 50 | C | C | 1.68 | 215 | 125 | 100 | 83 | 62 | 50 | 42 | 33 | 25 | 5.7 | 3.8 | 2.9 | 2.3 | | |
| 60 | C | M | 1.84 | 236 | 137 | 109 | 91 | 68 | 55 | 46 | 36 | 27 | 6.3 | 4.2 | 3.1 | 2.5 | | | |
| XRC11020 | 15 | | XC | 1.22 | 156 | 91 | 72 | 60 | 45 | 36 | 30 | 24 | 18.1 | 4.1 | 2.8 | 2.1 | 1.7 | | |
| | 20 | | VC | 1.41 | 180 | 105 | 84 | 70 | 52 | 42 | 35 | 28 | 21 | 4.8 | 3.2 | 2.4 | 1.9 | | |
| | 30 | | VC | 1.73 | 221 | 128 | 103 | 86 | 64 | 51 | 43 | 34 | 26 | 5.9 | 3.9 | 2.9 | 2.4 | | |
| | 40 | | C | 2.00 | 256 | 149 | 119 | 99 | 74 | 59 | 50 | 40 | 30 | 6.8 | 4.5 | 3.4 | 2.7 | | |
| | 50 | | C | 2.24 | 287 | 166 | 133 | 111 | 83 | 67 | 55 | 44 | 33 | 7.6 | 5.1 | 3.8 | 3.0 | | |
| 60 | | C | 2.45 | 314 | 182 | 146 | 121 | 91 | 73 | 61 | 49 | 36 | 8.3 | 5.6 | 4.2 | 3.3 | | | |

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.