



Gallons per minute to achieve a target application rate: 50 - 60 lbs N/acre

| lbs/Kgal | lbs/ac-in | mg/L or ppm | Target application rate: 50 lbs N/acre | | | | | | | | | | | | |
|----------|-----------|-------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| | | | irrigation hours/acre | | | | | | | | | | | | |
| | | | 7 | 6 1/2 | 6 | 5 1/2 | 5 | 4 1/2 | 4 | 3 1/2 | 3 | 2 1/2 | 2 | 1 1/2 | 1 |
| 0.8 | 23 | 100 | 143 | 154 | 166 | 182 | 200 | 222 | 250 | 285 | 333 | 399 | 499 | 666 | 999 |
| 1.3 | 34 | 150 | 95 | 102 | 111 | 121 | 133 | 148 | 166 | 190 | 222 | 266 | 333 | 444 | 666 |
| 1.7 | 45 | 200 | 71 | 77 | 83 | 91 | 100 | 111 | 125 | 143 | 166 | 200 | 250 | 333 | 499 |
| 2.1 | 57 | 250 | 57 | 61 | 67 | 73 | 80 | 89 | 100 | 114 | 133 | 160 | 200 | 266 | 399 |
| 2.5 | 68 | 300 | 48 | 51 | 55 | 61 | 67 | 74 | 83 | 95 | 111 | 133 | 166 | 222 | 333 |
| 2.9 | 79 | 350 | 41 | 44 | 48 | 52 | 57 | 63 | 71 | 82 | 95 | 114 | 143 | 190 | 285 |
| 3.3 | 91 | 400 | 36 | 38 | 42 | 45 | 50 | 55 | 62 | 71 | 83 | 100 | 125 | 166 | 250 |
| 3.8 | 102 | 450 | 32 | 34 | 37 | 40 | 44 | 49 | 55 | 63 | 74 | 89 | 111 | 148 | 222 |
| 4.2 | 113 | 500 | 29 | 31 | 33 | 36 | 40 | 44 | 50 | 57 | 67 | 80 | 100 | 133 | 200 |
| 4.6 | 125 | 550 | 26 | 28 | 30 | 33 | 36 | 40 | 45 | 52 | 61 | 73 | 91 | 121 | 182 |
| 5.0 | 136 | 600 | 24 | 26 | 28 | 30 | 33 | 37 | 42 | 48 | 55 | 67 | 83 | 111 | 166 |
| 5.4 | 147 | 650 | 22 | 24 | 26 | 28 | 31 | 34 | 38 | 44 | 51 | 61 | 77 | 102 | 154 |
| 5.8 | 159 | 700 | 20 | 22 | 24 | 26 | 29 | 32 | 36 | 41 | 48 | 57 | 71 | 95 | 143 |
| 6.3 | 170 | 750 | 19 | 20 | 22 | 24 | 27 | 30 | 33 | 38 | 44 | 53 | 67 | 89 | 133 |
| 6.7 | 181 | 800 | 18 | 19 | 21 | 23 | 25 | 28 | 31 | 36 | 42 | 50 | 62 | 83 | 125 |
| 7.1 | 193 | 850 | 17 | 18 | 20 | 21 | 23 | 26 | 29 | 34 | 39 | 47 | 59 | 78 | 117 |
| 7.5 | 204 | 900 | 16 | 17 | 18 | 20 | 22 | 25 | 28 | 32 | 37 | 44 | 55 | 74 | 111 |
| 7.9 | 215 | 950 | 15 | 16 | 18 | 19 | 21 | 23 | 26 | 30 | 35 | 42 | 53 | 70 | 105 |
| 8.3 | 227 | 1000 | 14 | 15 | 17 | 18 | 20 | 22 | 25 | 29 | 33 | 40 | 50 | 67 | 100 |

| lbs/Kgal | lbs/ac-in | mg/L or ppm | Target application rate: 60 lbs N/acre | | | | | | | | | | | | |
|----------|-----------|-------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|
| | | | irrigation hours/acre | | | | | | | | | | | | |
| | | | 7 | 6 1/2 | 6 | 5 1/2 | 5 | 4 1/2 | 4 | 3 1/2 | 3 | 2 1/2 | 2 | 1 1/2 | 1 |
| 0.8 | 23 | 100 | 171 | 185 | 200 | 218 | 240 | 267 | 300 | 343 | 400 | 480 | 600 | 800 | 1200 |
| 1.3 | 34 | 150 | 114 | 123 | 133 | 145 | 160 | 178 | 200 | 228 | 266 | 320 | 399 | 533 | 799 |
| 1.7 | 45 | 200 | 86 | 92 | 100 | 109 | 120 | 133 | 150 | 171 | 200 | 240 | 300 | 399 | 599 |
| 2.1 | 57 | 250 | 68 | 74 | 80 | 87 | 96 | 107 | 120 | 137 | 160 | 192 | 240 | 320 | 479 |
| 2.5 | 68 | 300 | 57 | 61 | 67 | 73 | 80 | 89 | 100 | 114 | 133 | 160 | 200 | 266 | 399 |
| 2.9 | 79 | 350 | 49 | 53 | 57 | 62 | 68 | 76 | 86 | 98 | 114 | 137 | 171 | 228 | 342 |
| 3.3 | 91 | 400 | 43 | 46 | 50 | 54 | 60 | 67 | 75 | 86 | 100 | 120 | 150 | 200 | 300 |
| 3.8 | 102 | 450 | 38 | 41 | 44 | 48 | 53 | 59 | 67 | 76 | 89 | 107 | 133 | 178 | 266 |
| 4.2 | 113 | 500 | 34 | 37 | 40 | 44 | 48 | 53 | 60 | 68 | 80 | 96 | 120 | 160 | 240 |
| 4.6 | 125 | 550 | 31 | 34 | 36 | 40 | 44 | 48 | 54 | 62 | 73 | 87 | 109 | 145 | 218 |
| 5.0 | 136 | 600 | 29 | 31 | 33 | 36 | 40 | 44 | 50 | 57 | 67 | 80 | 100 | 133 | 200 |
| 5.4 | 147 | 650 | 26 | 28 | 31 | 34 | 37 | 41 | 46 | 53 | 61 | 74 | 92 | 123 | 184 |
| 5.8 | 159 | 700 | 24 | 26 | 29 | 31 | 34 | 38 | 43 | 49 | 57 | 68 | 86 | 114 | 171 |
| 6.3 | 170 | 750 | 23 | 25 | 27 | 29 | 32 | 36 | 40 | 46 | 53 | 64 | 80 | 107 | 160 |
| 6.7 | 181 | 800 | 21 | 23 | 25 | 27 | 30 | 33 | 37 | 43 | 50 | 60 | 75 | 100 | 150 |
| 7.1 | 193 | 850 | 20 | 22 | 23 | 26 | 28 | 31 | 35 | 40 | 47 | 56 | 70 | 94 | 141 |
| 7.5 | 204 | 900 | 19 | 20 | 22 | 24 | 27 | 30 | 33 | 38 | 44 | 53 | 67 | 89 | 133 |
| 7.9 | 215 | 950 | 18 | 19 | 21 | 23 | 25 | 28 | 32 | 36 | 42 | 50 | 63 | 84 | 126 |
| 8.3 | 227 | 1000 | 17 | 18 | 20 | 22 | 24 | 27 | 30 | 34 | 40 | 48 | 60 | 80 | 120 |