

WHEAT - SEEDRIGHT LARGE CELL DISC

Kinze EdgeVac - Sprocket Transmission

Meter Vacuum Setting: 6-8 (inches of water)

Cells per disc: 60

Bulk Fill tank settings: 8-10 (inches of water)

Average seeding rate for small grains planted with the SeedRight Disc and Kinze EdgeVac meter

9/21/17

| Transmission Sprockets | | Rates (lbs/acre) & Row Spacing | | | | | | | | |
|------------------------|--------|--------------------------------|------|-------|----------|-------|-------|----------|-------|-------|
| | | 22 Tooth | | | 28 Tooth | | | 44 Tooth | | |
| Drive | Driven | 30 | 20 | 15 | 30 | 20 | 15 | 30 | 20 | 15 |
| 15 | 28 | 29.7 | 44.5 | 59.4 | 37.6 | 56.4 | 75.2 | 59.4 | 89.0 | 118.7 |
| 15 | 27 | 30.8 | 46.2 | 61.6 | 39.0 | 58.5 | 78.0 | 61.6 | 92.3 | 123.1 |
| 15 | 26 | 32.0 | 47.9 | 63.9 | 40.5 | 60.7 | 81.0 | 63.9 | 95.9 | 127.8 |
| 15 | 25 | 33.2 | 49.9 | 66.5 | 42.1 | 63.2 | 84.2 | 66.5 | 99.7 | 133.0 |
| 17 | 28 | 33.6 | 50.5 | 67.3 | 42.6 | 63.9 | 85.2 | 67.3 | 100.9 | 134.5 |
| 15 | 26 | 34.6 | 51.9 | 69.2 | 43.9 | 65.8 | 87.7 | 69.2 | 103.9 | 138.5 |
| 17 | 27 | 34.9 | 52.3 | 69.8 | 44.2 | 66.3 | 88.4 | 69.8 | 104.6 | 139.5 |
| 15 | 23 | 36.1 | 54.2 | 72.3 | 45.8 | 68.6 | 91.5 | 72.3 | 108.4 | 144.5 |
| 17 | 26 | 36.2 | 54.3 | 72.4 | 45.9 | 68.8 | 91.8 | 72.4 | 108.7 | 144.9 |
| 19 | 28 | 37.6 | 56.4 | 75.2 | 47.6 | 71.4 | 95.2 | 75.2 | 112.8 | 150.4 |
| 17 | 25 | 37.7 | 56.5 | 75.3 | 47.7 | 71.6 | 95.4 | 75.3 | 113.0 | 150.7 |
| 19 | 27 | 39.0 | 58.5 | 78.0 | 49.4 | 74.1 | 98.8 | 78.0 | 117.0 | 155.9 |
| 17 | 24 | 39.2 | 58.9 | 78.5 | 49.7 | 74.6 | 99.4 | 78.5 | 117.7 | 157.0 |
| 19 | 26 | 40.5 | 60.7 | 81.0 | 51.3 | 76.9 | 102.6 | 81.0 | 121.5 | 161.9 |
| 17 | 23 | 40.9 | 61.4 | 81.9 | 51.9 | 77.8 | 103.7 | 81.9 | 122.8 | 163.8 |
| 19 | 25 | 42.1 | 63.2 | 84.2 | 53.3 | 80.0 | 106.7 | 84.2 | 126.3 | 168.4 |
| 15 | 19 | 43.7 | 65.6 | 87.5 | 55.4 | 83.1 | 110.8 | 87.5 | 131.2 | 174.9 |
| 19 | 24 | 43.9 | 65.8 | 87.7 | 55.6 | 83.3 | 111.1 | 87.7 | 131.6 | 175.4 |
| 23 | 28 | 45.5 | 68.3 | 91.0 | 57.6 | 86.5 | 115.3 | 91.0 | 136.5 | 182.0 |
| 19 | 23 | 45.8 | 68.6 | 91.5 | 58.0 | 87.0 | 115.9 | 91.5 | 137.3 | 183.1 |
| 23 | 27 | 47.2 | 70.8 | 94.4 | 59.8 | 89.7 | 119.6 | 94.4 | 141.6 | 188.8 |
| 24 | 28 | 47.5 | 71.2 | 95.0 | 60.1 | 90.2 | 120.3 | 95.0 | 142.5 | 189.9 |
| 15 | 17 | 48.9 | 73.3 | 97.8 | 61.9 | 92.9 | 123.8 | 97.8 | 146.6 | 195.5 |
| 24 | 27 | 49.2 | 73.9 | 98.5 | 62.4 | 93.6 | 124.8 | 98.5 | 147.7 | 197.0 |
| 17 | 19 | 49.6 | 74.4 | 99.1 | 62.8 | 94.2 | 125.6 | 99.1 | 148.7 | 198.3 |
| 23 | 25 | 51.0 | 76.5 | 101.9 | 64.6 | 96.8 | 129.1 | 101.9 | 152.9 | 203.9 |
| 26 | 28 | 51.4 | 77.2 | 102.9 | 65.2 | 97.7 | 130.3 | 102.9 | 154.3 | 205.8 |
| 23 | 26 | 53.1 | 79.6 | 106.2 | 67.2 | 100.9 | 134.5 | 106.2 | 159.3 | 212.4 |

| Transmission Sprockets | | Rates (lbs/acre) & Row Spacing | | | | | | | | |
|------------------------|--------|--------------------------------|-------|-------|----------|-------|-------|----------|-------|-------|
| | | 22 Tooth | | | 28 Tooth | | | 44 Tooth | | |
| Drive | Driven | 30 | 20 | 15 | 30 | 20 | 15 | 30 | 20 | 15 |
| 24 | 25 | 53.2 | 79.8 | 106.4 | 67.4 | 101.0 | 134.7 | 106.4 | 159.5 | 212.7 |
| 27 | 28 | 53.4 | 80.1 | 106.8 | 67.7 | 101.5 | 135.3 | 106.8 | 160.3 | 213.7 |
| 23 | 23 | 55.4 | 83.1 | 110.8 | 70.2 | 105.3 | 140.3 | 110.8 | 166.2 | 221.6 |
| 28 | 27 | 57.5 | 86.2 | 114.9 | 72.8 | 109.2 | 145.5 | 114.9 | 172.4 | 229.8 |
| 27 | 26 | 57.5 | 86.3 | 115.1 | 72.9 | 109.3 | 145.7 | 115.1 | 172.6 | 230.1 |
| 24 | 23 | 57.8 | 86.7 | 115.6 | 73.2 | 109.8 | 146.4 | 115.6 | 173.4 | 231.2 |
| 28 | 26 | 59.7 | 89.5 | 119.3 | 75.6 | 113.4 | 151.1 | 119.3 | 179.0 | 238.6 |
| 27 | 25 | 59.8 | 89.7 | 119.7 | 75.8 | 113.7 | 151.6 | 119.7 | 179.5 | 239.3 |
| 25 | 23 | 60.2 | 90.3 | 120.4 | 76.3 | 114.4 | 152.5 | 120.4 | 180.6 | 240.9 |
| 19 | 17 | 61.9 | 92.9 | 123.8 | 78.4 | 117.6 | 156.9 | 123.8 | 185.7 | 247.7 |
| 27 | 24 | 62.3 | 93.5 | 124.6 | 78.9 | 118.4 | 157.9 | 124.6 | 187.0 | 249.3 |
| 26 | 23 | 62.6 | 93.9 | 125.3 | 79.3 | 119.0 | 158.6 | 125.2 | 187.9 | 250.5 |
| 28 | 24 | 64.6 | 96.9 | 129.3 | 81.9 | 122.8 | 163.7 | 129.3 | 193.9 | 258.5 |
| 27 | 23 | 65.0 | 97.6 | 130.1 | 82.4 | 123.6 | 164.8 | 130.1 | 195.1 | 260.1 |
| 23 | 19 | 67.1 | 100.6 | 134.1 | 84.9 | 127.4 | 169.9 | 134.1 | 201.2 | 268.2 |
| 28 | 23 | 67.4 | 101.2 | 134.9 | 85.8 | 128.8 | 171.7 | 134.9 | 202.3 | 269.8 |
| 24 | 19 | 70.0 | 105.0 | 140.0 | 88.6 | 133.0 | 177.3 | 140.0 | 209.9 | 279.9 |
| 25 | 19 | 72.9 | 109.3 | 145.8 | 92.3 | 138.5 | 184.7 | 145.8 | 218.7 | 291.6 |
| 23 | 17 | 75.0 | 112.4 | 149.9 | 94.9 | 142.4 | 189.9 | 149.9 | 224.9 | 299.8 |
| 26 | 19 | 75.8 | 113.7 | 151.6 | 96.0 | 144.0 | 192.0 | 151.6 | 227.4 | 303.2 |
| 24 | 17 | 78.2 | 117.3 | 156.4 | 99.1 | 148.6 | 198.1 | 156.4 | 234.6 | 312.8 |
| 27 | 19 | 78.7 | 118.1 | 157.4 | 99.7 | 149.6 | 199.4 | 157.5 | 236.2 | 314.9 |
| 25 | 17 | 81.5 | 122.2 | 162.9 | 103.2 | 154.8 | 206.4 | 162.9 | 244.4 | 325.9 |
| 28 | 19 | 81.6 | 122.5 | 163.3 | 103.4 | 155.1 | 206.8 | 163.3 | 244.9 | 326.6 |
| 26 | 17 | 84.7 | 127.1 | 169.5 | 107.3 | 161.0 | 214.6 | 169.5 | 254.2 | 338.9 |
| 23 | 15 | 84.9 | 127.4 | 169.9 | 107.6 | 161.4 | 215.2 | 169.9 | 254.8 | 339.8 |
| 27 | 17 | 88.0 | 132.0 | 176.0 | 111.4 | 167.2 | 222.9 | 176.0 | 264.0 | 351.9 |

NOTE: Seeding rates are approximations, environmental conditions can affect planting rates; Always field check populations

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