



| Kinze 3800 (Finger) Planter Rate Chart 15 tooth - Precision Planting vSet Meter |        |                                   |                 |        |                                                |                          |        |        |        |                                                   |                          |         |        |        |
|---------------------------------------------------------------------------------|--------|-----------------------------------|-----------------|--------|------------------------------------------------|--------------------------|--------|--------|--------|---------------------------------------------------|--------------------------|---------|--------|--------|
| Existing Rate Chart (12 Finger Meter, before modification of transmission)      |        |                                   |                 |        | 27 Hole Corn Disk With New Sprocket (15 tooth) |                          |        |        |        | 80 Hole Soybean Disk With New Sprocket (15 tooth) |                          |         |        |        |
| Sprocket                                                                        |        | Average Seeding Distance (inches) | Seed Population |        | Average Seeding Distance                       | Seed Population per Acre |        |        |        | Average Seeding Distance                          | Seed Population per Acre |         |        |        |
| Driver                                                                          | Driven |                                   | 30              | 36     |                                                | 30 (Twin)                | 30     | 36     | 38     |                                                   | 15                       | 30      | 36     | 38     |
| 15                                                                              | 30     | 15.7                              | 13,330          | 11,110 | 17.7                                           | 23,600                   | 11,800 | 9,800  | 9,300  | 6.0                                               | 70,200                   | 35,100  | 29,300 | 27,700 |
| 15                                                                              | 28     | 14.6                              | 14,280          | 11,900 | 16.5                                           | 25,400                   | 12,700 | 10,600 | 10,000 | 5.6                                               | 75,200                   | 37,600  | 31,300 | 29,700 |
| 15                                                                              | 27     | 14.1                              | 14,810          | 12,340 | 15.8                                           | 26,400                   | 13,200 | 11,000 | 10,400 | 5.4                                               | 78,000                   | 39,000  | 32,500 | 30,800 |
| 17                                                                              | 30     | 13.8                              | 15,110          | 12,590 | 15.6                                           | 26,800                   | 13,400 | 11,200 | 10,600 | 5.3                                               | 79,600                   | 39,800  | 33,200 | 31,400 |
| 15                                                                              | 26     | 13.6                              | 15,380          | 12,820 | 15.3                                           | 27,400                   | 13,700 | 11,400 | 10,800 | 5.2                                               | 81,000                   | 40,500  | 33,800 | 32,000 |
| 15                                                                              | 25     | 13.1                              | 16,000          | 13,330 | 14.7                                           | 28,400                   | 14,200 | 11,800 | 11,200 | 5.0                                               | 84,200                   | 42,100  | 35,100 | 33,200 |
| 17                                                                              | 28     | 12.9                              | 16,190          | 13,490 | 14.5                                           | 28,800                   | 14,400 | 12,000 | 11,400 | 4.9                                               | 85,200                   | 42,600  | 35,500 | 33,600 |
| 17                                                                              | 27     | 12.5                              | 16,790          | 13,990 | 14.0                                           | 29,800                   | 14,900 | 12,400 | 11,800 | 4.7                                               | 88,400                   | 44,200  | 36,800 | 34,900 |
| 17                                                                              | 26     | 12.0                              | 17,430          | 14,530 | 13.5                                           | 31,000                   | 15,500 | 12,900 | 12,200 | 4.6                                               | 91,800                   | 45,900  | 38,300 | 36,200 |
| 19                                                                              | 28     | 11.6                              | 18,090          | 15,080 | 13.0                                           | 32,200                   | 16,100 | 13,400 | 12,700 | 4.4                                               | 95,200                   | 47,600  | 39,700 | 37,600 |
| 17                                                                              | 25     | 11.5                              | 18,130          | 15,110 | 13.0                                           | 32,200                   | 16,100 | 13,400 | 12,700 | 4.4                                               | 95,400                   | 47,700  | 39,800 | 37,700 |
| 19                                                                              | 27     | 11.1                              | 18,760          | 15,630 | 12.5                                           | 33,400                   | 16,700 | 13,900 | 13,200 | 4.2                                               | 98,800                   | 49,400  | 41,200 | 39,000 |
| 17                                                                              | 24     | 11.1                              | 18,880          | 15,730 | 12.4                                           | 33,600                   | 16,800 | 14,000 | 13,300 | 4.2                                               | 99,400                   | 49,700  | 41,400 | 39,200 |
| 19                                                                              | 26     | 10.7                              | 19,480          | 16,230 | 12.1                                           | 34,600                   | 17,300 | 14,400 | 13,700 | 4.1                                               | 102,600                  | 51,300  | 42,800 | 40,500 |
| 17                                                                              | 23     | 10.6                              | 19,710          | 16,430 | 11.9                                           | 35,000                   | 17,500 | 14,600 | 13,800 | 4.0                                               | 103,800                  | 51,900  | 43,300 | 41,000 |
| 19                                                                              | 25     | 10.3                              | 20,260          | 16,880 | 11.6                                           | 36,000                   | 18,000 | 15,000 | 14,200 | 3.9                                               | 106,600                  | 53,300  | 44,400 | 42,100 |
| 19                                                                              | 24     | 9.9                               | 21,110          | 17,590 | 11.2                                           | 37,400                   | 18,700 | 15,600 | 14,800 | 3.8                                               | 111,000                  | 55,500  | 46,300 | 43,800 |
| 23                                                                              | 28     | 9.5                               | 21,900          | 18,250 | 10.7                                           | 39,000                   | 19,500 | 16,300 | 15,400 | 3.6                                               | 115,200                  | 57,600  | 48,000 | 45,500 |
| 19                                                                              | 23     | 9.5                               | 22,020          | 18,350 | 10.7                                           | 39,200                   | 19,600 | 16,300 | 15,500 | 3.6                                               | 116,000                  | 58,000  | 48,300 | 45,800 |
| 23                                                                              | 27     | 9.2                               | 22,710          | 18,930 | 10.4                                           | 40,400                   | 20,200 | 16,800 | 15,900 | 3.5                                               | 119,600                  | 59,800  | 49,800 | 47,200 |
| 24                                                                              | 28     | 9.2                               | 22,850          | 19,040 | 10.3                                           | 40,600                   | 20,300 | 16,900 | 16,000 | 3.5                                               | 120,200                  | 60,100  | 50,100 | 47,400 |
| 23                                                                              | 26     | 8.9                               | 23,580          | 19,650 | 10.0                                           | 41,800                   | 20,900 | 17,400 | 16,500 | 3.4                                               | 124,200                  | 62,100  | 51,800 | 49,000 |
| 24                                                                              | 27     | 8.8                               | 23,700          | 19,750 | 10.0                                           | 42,000                   | 21,000 | 17,500 | 16,600 | 3.4                                               | 124,800                  | 62,400  | 52,000 | 49,300 |
| 25                                                                              | 28     | 8.8                               | 23,800          | 19,830 | 9.9                                            | 42,200                   | 21,100 | 17,600 | 16,700 | 3.3                                               | 125,200                  | 62,600  | 52,200 | 49,400 |
| 17                                                                              | 19     | 8.8                               | 23,850          | 19,880 | 9.9                                            | 42,400                   | 21,200 | 17,700 | 16,700 | 3.3                                               | 125,600                  | 62,800  | 52,300 | 49,600 |
| 23                                                                              | 25     | 8.5                               | 24,530          | 20,440 | 9.6                                            | 43,600                   | 21,800 | 18,200 | 17,200 | 3.2                                               | 129,000                  | 64,500  | 53,800 | 50,900 |
| 24                                                                              | 26     | 8.5                               | 24,610          | 20,510 | 9.5                                            | 43,800                   | 21,900 | 18,300 | 17,300 | 3.2                                               | 129,600                  | 64,800  | 54,000 | 51,200 |
| 25                                                                              | 27     | 8.5                               | 24,690          | 20,580 | 9.5                                            | 43,800                   | 21,900 | 18,300 | 17,300 | 3.2                                               | 130,000                  | 65,000  | 54,200 | 51,300 |
| 26                                                                              | 28     | 8.4                               | 24,760          | 20,630 | 9.5                                            | 44,000                   | 22,000 | 18,300 | 17,400 | 3.2                                               | 130,200                  | 65,100  | 54,300 | 51,400 |
| 23                                                                              | 24     | 8.2                               | 25,550          | 21,290 | 9.2                                            | 45,400                   | 22,700 | 18,900 | 17,900 | 3.1                                               | 134,400                  | 67,200  | 56,000 | 53,100 |
| 24                                                                              | 25     | 8.2                               | 25,590          | 21,330 | 9.2                                            | 45,400                   | 22,700 | 18,900 | 17,900 | 3.1                                               | 134,800                  | 67,400  | 56,200 | 53,200 |
| 25                                                                              | 26     | 8.2                               | 25,630          | 21,360 | 9.2                                            | 45,600                   | 22,800 | 19,000 | 18,000 | 3.1                                               | 135,000                  | 67,500  | 56,300 | 53,300 |
| 26                                                                              | 27     | 8.1                               | 25,670          | 21,390 | 9.2                                            | 45,600                   | 22,800 | 19,000 | 18,000 | 3.1                                               | 135,200                  | 67,600  | 56,300 | 53,400 |
| 27                                                                              | 28     | 8.1                               | 25,710          | 21,430 | 9.2                                            | 45,600                   | 22,800 | 19,000 | 18,000 | 3.1                                               | 135,400                  | 67,700  | 56,400 | 53,400 |
| 23                                                                              | 23     | 7.8                               | 26,660          | 22,220 | 8.8                                            | 47,400                   | 23,700 | 19,800 | 18,700 | 3.0                                               | 140,400                  | 70,200  | 58,500 | 55,400 |
| 28                                                                              | 27     | 7.6                               | 27,650          | 23,040 | 8.5                                            | 49,200                   | 24,600 | 20,500 | 19,400 | 2.9                                               | 145,600                  | 72,800  | 60,700 | 57,500 |
| 27                                                                              | 26     | 7.6                               | 27,690          | 23,080 | 8.5                                            | 49,200                   | 24,600 | 20,500 | 19,400 | 2.9                                               | 145,800                  | 72,900  | 60,800 | 57,600 |
| 25                                                                              | 24     | 7.5                               | 27,770          | 23,140 | 8.5                                            | 49,400                   | 24,700 | 20,600 | 19,500 | 2.9                                               | 146,200                  | 73,100  | 60,900 | 57,700 |
| 24                                                                              | 23     | 7.5                               | 27,820          | 23,180 | 8.5                                            | 49,400                   | 24,700 | 20,600 | 19,500 | 2.9                                               | 146,400                  | 73,200  | 61,000 | 57,800 |
| 28                                                                              | 26     | 7.3                               | 28,710          | 23,930 | 8.2                                            | 51,000                   | 25,500 | 21,300 | 20,100 | 2.8                                               | 151,200                  | 75,600  | 63,000 | 59,700 |
| 27                                                                              | 25     | 7.3                               | 28,790          | 23,990 | 8.2                                            | 51,200                   | 25,600 | 21,300 | 20,200 | 2.8                                               | 151,600                  | 75,800  | 63,200 | 59,800 |
| 25                                                                              | 23     | 7.2                               | 28,980          | 24,150 | 8.1                                            | 51,400                   | 25,700 | 21,400 | 20,300 | 2.7                                               | 152,600                  | 76,300  | 63,600 | 60,200 |
| 19                                                                              | 17     | 7                                 | 29,800          | 24,830 | 7.9                                            | 53,000                   | 26,500 | 22,100 | 20,900 | 2.7                                               | 156,800                  | 78,400  | 65,300 | 61,900 |
| 28                                                                              | 25     | 7                                 | 29,860          | 24,880 | 7.9                                            | 53,000                   | 26,500 | 22,100 | 20,900 | 2.7                                               | 157,200                  | 78,600  | 65,500 | 62,100 |
| 27                                                                              | 24     | 7                                 | 29,990          | 24,990 | 7.9                                            | 53,200                   | 26,600 | 22,200 | 21,000 | 2.7                                               | 157,800                  | 78,900  | 65,800 | 62,300 |
| 26                                                                              | 23     | 6.9                               | 30,140          | 25,120 | 7.8                                            | 53,600                   | 26,800 | 22,300 | 21,200 | 2.6                                               | 158,600                  | 79,300  | 66,100 | 62,600 |
| 28                                                                              | 24     | 6.7                               | 31,100          | 25,920 | 7.6                                            | 55,200                   | 27,600 | 23,000 | 21,800 | 2.6                                               | 163,800                  | 81,900  | 68,300 | 64,700 |
| 27                                                                              | 23     | 6.7                               | 31,300          | 26,080 | 7.5                                            | 55,600                   | 27,800 | 23,200 | 21,900 | 2.5                                               | 164,800                  | 82,400  | 68,700 | 65,100 |
| 23                                                                              | 19     | 6.5                               | 32,270          | 26,890 | 7.3                                            | 57,400                   | 28,700 | 23,900 | 22,700 | 2.5                                               | 169,800                  | 84,900  | 70,800 | 67,000 |
| 28                                                                              | 23     | 6.4                               | 32,460          | 27,050 | 7.3                                            | 57,600                   | 28,800 | 24,000 | 22,700 | 2.4                                               | 170,800                  | 85,400  | 71,200 | 67,400 |
| 24                                                                              | 19     | 6.2                               | 33,680          | 28,070 | 7.0                                            | 59,800                   | 29,900 | 24,900 | 23,600 | 2.4                                               | 177,200                  | 88,600  | 73,800 | 69,900 |
| 25                                                                              | 19     | 6                                 | 35,080          | 29,230 | 6.7                                            | 62,400                   | 31,200 | 26,000 | 24,600 | 2.3                                               | 184,600                  | 92,300  | 76,900 | 72,900 |
| 23                                                                              | 17     | 5.8                               | 36,070          | 30,060 | 6.5                                            | 64,000                   | 32,000 | 26,700 | 25,300 | 2.2                                               | 189,800                  | 94,900  | 79,100 | 74,900 |
| 26                                                                              | 19     | 5.7                               | 36,480          | 30,400 | 6.5                                            | 64,800                   | 32,400 | 27,000 | 25,600 | 2.2                                               | 192,000                  | 96,000  | 80,000 | 75,800 |
| 24                                                                              | 17     | 5.6                               | 37,640          | 31,370 | 6.3                                            | 66,800                   | 33,400 | 27,800 | 26,400 | 2.1                                               | 198,000                  | 99,000  | 82,500 | 78,200 |
| 27                                                                              | 19     | 5.5                               | 37,890          | 31,580 | 6.2                                            | 67,200                   | 33,600 | 28,000 | 26,500 | 2.1                                               | 199,400                  | 99,700  | 83,100 | 78,700 |
| 25                                                                              | 17     | 5.3                               | 39,210          | 32,680 | 6.0                                            | 69,600                   | 34,800 | 29,000 | 27,500 | 2.0                                               | 206,400                  | 103,200 | 86,000 | 81,500 |
| 28                                                                              | 19     | 5.3                               | 39,290          | 32,740 | 6.0                                            | 69,800                   | 34,900 | 29,100 | 27,600 | 2.0                                               | 206,800                  | 103,400 | 86,200 | 81,600 |
| 26                                                                              | 17     | 5.1                               | 40,770          | 33,980 | 5.8                                            | 72,400                   | 36,200 | 30,200 | 28,600 | 1.9                                               | 214,600                  | 107,300 | 89,400 | 84,700 |
| 27                                                                              | 17     | 4.9                               | 42,340          | 35,280 | 5.6                                            | 75,200                   | 37,600 | 31,300 | 29,700 | 1.9                                               | 222,800                  | 111,400 | 92,800 | 87,900 |
| 28                                                                              | 17     | 4.8                               | 43,910          | 36,590 | 5.4                                            | 78,000                   | 39,000 | 32,500 | 30,800 | 1.8                                               | 231,200                  | 115,600 | 96,300 | 91,300 |

Notes: This chart assumes the 38-tooth sprocket at the pick-up wheel has been replaced with a 15-tooth sprocket. Always verify proper planting population in field to ensure transmission is set correctly.

1/17/2012 14:45

01/17/2012



| Kinze 3800 (Finger) Planter Rate Chart 23 tooth - Precision Planting vSet Meter |        |                                   |                 |        |                                                   |                          |        |        |        |                                                      |                          |         |         |         |
|---------------------------------------------------------------------------------|--------|-----------------------------------|-----------------|--------|---------------------------------------------------|--------------------------|--------|--------|--------|------------------------------------------------------|--------------------------|---------|---------|---------|
| Existing Rate Chart (12 Finger Meter, before modification of transmission)      |        |                                   |                 |        | 27 Hole Corn Disk<br>With New Sprocket (23 tooth) |                          |        |        |        | 80 Hole Soybean Disk<br>With New Sprocket (23 tooth) |                          |         |         |         |
| Sprocket                                                                        |        | Average Seeding Distance (inches) | Seed Population |        | Average Seeding Distanc                           | Seed Population per Acre |        |        |        | Average Seeding Distanc                              | Seed Population per Acre |         |         |         |
| Driver                                                                          | Driven |                                   | 30              | 36     |                                                   | 30 (Twin)                | 30     | 36     | 38     |                                                      | 15                       | 30      | 36      | 38      |
| 15                                                                              | 30     | 15.7                              | 13,330          | 11,110 | 11.5                                              | 36,400                   | 18,200 | 15,200 | 14,400 | 3.9                                                  | 107,600                  | 53,800  | 44,800  | 42,500  |
| 15                                                                              | 28     | 14.6                              | 14,280          | 11,900 | 10.7                                              | 39,000                   | 19,500 | 16,300 | 15,400 | 3.6                                                  | 115,200                  | 57,600  | 48,000  | 45,500  |
| 15                                                                              | 27     | 14.1                              | 14,810          | 12,340 | 10.4                                              | 40,400                   | 20,200 | 16,800 | 15,900 | 3.5                                                  | 119,600                  | 59,800  | 49,800  | 47,200  |
| 17                                                                              | 30     | 13.8                              | 15,110          | 12,590 | 10.1                                              | 41,200                   | 20,600 | 17,200 | 16,300 | 3.4                                                  | 122,000                  | 61,000  | 50,800  | 48,200  |
| 15                                                                              | 26     | 13.6                              | 15,380          | 12,820 | 10.0                                              | 41,800                   | 20,900 | 17,400 | 16,500 | 3.4                                                  | 124,200                  | 62,100  | 51,800  | 49,000  |
| 15                                                                              | 25     | 13.1                              | 16,000          | 13,330 | 9.6                                               | 43,600                   | 21,800 | 18,200 | 17,200 | 3.2                                                  | 129,000                  | 64,500  | 53,800  | 50,900  |
| 17                                                                              | 28     | 12.9                              | 16,190          | 13,490 | 9.5                                               | 44,000                   | 22,000 | 18,300 | 17,400 | 3.2                                                  | 130,600                  | 65,300  | 54,400  | 51,600  |
| 17                                                                              | 27     | 12.5                              | 16,790          | 13,990 | 9.1                                               | 45,800                   | 22,900 | 19,100 | 18,100 | 3.1                                                  | 135,400                  | 67,700  | 56,400  | 53,400  |
| 17                                                                              | 26     | 12.0                              | 17,430          | 14,530 | 8.8                                               | 47,400                   | 23,700 | 19,800 | 18,700 | 3.0                                                  | 140,600                  | 70,300  | 58,600  | 55,500  |
| 19                                                                              | 28     | 11.6                              | 18,090          | 15,080 | 8.5                                               | 49,200                   | 24,600 | 20,500 | 19,400 | 2.9                                                  | 146,000                  | 73,000  | 60,800  | 57,600  |
| 17                                                                              | 25     | 11.5                              | 18,130          | 15,110 | 8.5                                               | 49,400                   | 24,700 | 20,600 | 19,500 | 2.9                                                  | 146,400                  | 73,200  | 61,000  | 57,800  |
| 19                                                                              | 27     | 11.1                              | 18,760          | 15,630 | 8.2                                               | 51,000                   | 25,500 | 21,300 | 20,100 | 2.8                                                  | 151,400                  | 75,700  | 63,100  | 59,800  |
| 17                                                                              | 24     | 11.1                              | 18,880          | 15,730 | 8.1                                               | 51,400                   | 25,700 | 21,400 | 20,300 | 2.7                                                  | 152,400                  | 76,200  | 63,500  | 60,200  |
| 19                                                                              | 26     | 10.7                              | 19,480          | 16,230 | 7.9                                               | 53,000                   | 26,500 | 22,100 | 20,900 | 2.7                                                  | 157,200                  | 78,600  | 65,500  | 62,100  |
| 17                                                                              | 23     | 10.6                              | 19,710          | 16,430 | 7.8                                               | 53,600                   | 26,800 | 22,300 | 21,200 | 2.6                                                  | 159,000                  | 79,500  | 66,300  | 62,800  |
| 19                                                                              | 25     | 10.3                              | 20,260          | 16,880 | 7.6                                               | 55,200                   | 27,600 | 23,000 | 21,800 | 2.6                                                  | 163,600                  | 81,800  | 68,200  | 64,600  |
| 19                                                                              | 24     | 9.9                               | 21,110          | 17,590 | 7.3                                               | 57,400                   | 28,700 | 23,900 | 22,700 | 2.5                                                  | 170,400                  | 85,200  | 71,000  | 67,300  |
| 23                                                                              | 28     | 9.5                               | 21,900          | 18,250 | 7.0                                               | 59,600                   | 29,800 | 24,800 | 23,500 | 2.4                                                  | 176,800                  | 88,400  | 73,700  | 69,800  |
| 19                                                                              | 23     | 9.5                               | 22,020          | 18,350 | 7.0                                               | 60,000                   | 30,000 | 25,000 | 23,700 | 2.4                                                  | 177,800                  | 88,900  | 74,100  | 70,200  |
| 23                                                                              | 27     | 9.2                               | 22,710          | 18,930 | 6.8                                               | 61,800                   | 30,900 | 25,800 | 24,400 | 2.3                                                  | 183,200                  | 91,600  | 76,300  | 72,300  |
| 24                                                                              | 28     | 9.2                               | 22,850          | 19,040 | 6.7                                               | 62,200                   | 31,100 | 25,900 | 24,600 | 2.3                                                  | 184,400                  | 92,200  | 76,800  | 72,800  |
| 23                                                                              | 26     | 8.9                               | 23,580          | 19,650 | 6.5                                               | 64,200                   | 32,100 | 26,800 | 25,300 | 2.2                                                  | 190,400                  | 95,200  | 79,300  | 75,200  |
| 24                                                                              | 27     | 8.8                               | 23,700          | 19,750 | 6.5                                               | 64,600                   | 32,300 | 26,900 | 25,500 | 2.2                                                  | 191,200                  | 95,600  | 79,700  | 75,500  |
| 25                                                                              | 28     | 8.8                               | 23,800          | 19,830 | 6.5                                               | 64,800                   | 32,400 | 27,000 | 25,600 | 2.2                                                  | 192,000                  | 96,000  | 80,000  | 75,800  |
| 17                                                                              | 19     | 8.8                               | 23,850          | 19,880 | 6.4                                               | 65,000                   | 32,500 | 27,100 | 25,700 | 2.2                                                  | 192,600                  | 96,300  | 80,300  | 76,000  |
| 23                                                                              | 25     | 8.5                               | 24,530          | 20,440 | 6.3                                               | 66,800                   | 33,400 | 27,800 | 26,400 | 2.1                                                  | 198,000                  | 99,000  | 82,500  | 78,200  |
| 24                                                                              | 26     | 8.5                               | 24,610          | 20,510 | 6.2                                               | 67,000                   | 33,500 | 27,900 | 26,400 | 2.1                                                  | 198,600                  | 99,300  | 82,800  | 78,400  |
| 25                                                                              | 27     | 8.5                               | 24,690          | 20,580 | 6.2                                               | 67,200                   | 33,600 | 28,000 | 26,500 | 2.1                                                  | 199,200                  | 99,600  | 83,000  | 78,600  |
| 26                                                                              | 28     | 8.4                               | 24,760          | 20,630 | 6.2                                               | 67,400                   | 33,700 | 28,100 | 26,600 | 2.1                                                  | 199,800                  | 99,900  | 83,300  | 78,900  |
| 23                                                                              | 24     | 8.2                               | 25,550          | 21,290 | 6.0                                               | 69,600                   | 34,800 | 29,000 | 27,500 | 2.0                                                  | 206,200                  | 103,100 | 85,900  | 81,400  |
| 24                                                                              | 25     | 8.2                               | 25,590          | 21,330 | 6                                                 | 69,800                   | 34,900 | 29,100 | 27,600 | 2                                                    | 206,600                  | 103,300 | 86,100  | 81,600  |
| 25                                                                              | 26     | 8.2                               | 25,630          | 21,360 | 6.0                                               | 69,800                   | 34,900 | 29,100 | 27,600 | 2.0                                                  | 206,800                  | 103,400 | 86,200  | 81,600  |
| 26                                                                              | 27     | 8.1                               | 25,670          | 21,390 | 6.0                                               | 70,000                   | 35,000 | 29,200 | 27,600 | 2.0                                                  | 207,200                  | 103,600 | 86,300  | 81,800  |
| 27                                                                              | 28     | 8.1                               | 25,710          | 21,430 | 6.0                                               | 70,000                   | 35,000 | 29,200 | 27,600 | 2.0                                                  | 207,400                  | 103,700 | 86,400  | 81,900  |
| 23                                                                              | 23     | 7.8                               | 26,660          | 22,220 | 5.8                                               | 72,600                   | 36,300 | 30,300 | 28,700 | 1.9                                                  | 215,200                  | 107,600 | 89,700  | 84,900  |
| 28                                                                              | 27     | 7.6                               | 27,650          | 23,040 | 5.5                                               | 75,400                   | 37,700 | 31,400 | 29,800 | 1.9                                                  | 223,200                  | 111,600 | 93,000  | 88,100  |
| 27                                                                              | 26     | 7.6                               | 27,690          | 23,080 | 5.5                                               | 75,400                   | 37,700 | 31,400 | 29,800 | 1.9                                                  | 223,400                  | 111,700 | 93,100  | 88,200  |
| 25                                                                              | 24     | 7.5                               | 27,770          | 23,140 | 5.5                                               | 75,600                   | 37,800 | 31,500 | 29,800 | 1.9                                                  | 224,200                  | 112,100 | 93,400  | 88,500  |
| 24                                                                              | 23     | 7.5                               | 27,820          | 23,180 | 5.5                                               | 75,800                   | 37,900 | 31,600 | 29,900 | 1.9                                                  | 224,600                  | 112,300 | 93,600  | 88,700  |
| 28                                                                              | 26     | 7.3                               | 28,710          | 23,930 | 5.3                                               | 78,200                   | 39,100 | 32,600 | 30,900 | 1.8                                                  | 231,800                  | 115,900 | 96,600  | 91,500  |
| 27                                                                              | 25     | 7.3                               | 28,790          | 23,990 | 5.3                                               | 78,400                   | 39,200 | 32,700 | 30,900 | 1.8                                                  | 232,400                  | 116,200 | 96,800  | 91,700  |
| 25                                                                              | 23     | 7.2                               | 28,980          | 24,150 | 5.3                                               | 79,000                   | 39,500 | 32,900 | 31,200 | 1.8                                                  | 233,800                  | 116,900 | 97,400  | 92,300  |
| 19                                                                              | 17     | 7                                 | 29,800          | 24,830 | 5.1                                               | 81,200                   | 40,600 | 33,800 | 32,100 | 1.7                                                  | 240,400                  | 120,200 | 100,200 | 94,900  |
| 28                                                                              | 25     | 7                                 | 29,860          | 24,880 | 5.1                                               | 81,400                   | 40,700 | 33,900 | 32,100 | 1.7                                                  | 241,000                  | 120,500 | 100,400 | 95,100  |
| 27                                                                              | 24     | 7                                 | 29,990          | 24,990 | 5.1                                               | 81,600                   | 40,800 | 34,000 | 32,200 | 1.7                                                  | 242,000                  | 121,000 | 100,800 | 95,500  |
| 26                                                                              | 23     | 6.9                               | 30,140          | 25,120 | 5.1                                               | 82,000                   | 41,000 | 34,200 | 32,400 | 1.7                                                  | 243,200                  | 121,600 | 101,300 | 96,000  |
| 28                                                                              | 24     | 6.7                               | 31,100          | 25,920 | 4.9                                               | 84,800                   | 42,400 | 35,300 | 33,500 | 1.7                                                  | 251,000                  | 125,500 | 104,600 | 99,100  |
| 27                                                                              | 23     | 6.7                               | 31,300          | 26,080 | 4.9                                               | 85,200                   | 42,600 | 35,500 | 33,600 | 1.7                                                  | 252,600                  | 126,300 | 105,300 | 99,700  |
| 23                                                                              | 19     | 6.5                               | 32,270          | 26,890 | 4.8                                               | 88,000                   | 44,000 | 36,700 | 34,700 | 1.6                                                  | 260,400                  | 130,200 | 108,500 | 102,800 |
| 28                                                                              | 23     | 6.4                               | 32,460          | 27,050 | 4.7                                               | 88,400                   | 44,200 | 36,800 | 34,900 | 1.6                                                  | 262,000                  | 131,000 | 109,200 | 103,400 |
| 24                                                                              | 19     | 6.2                               | 33,680          | 28,070 | 4.6                                               | 91,800                   | 45,900 | 38,300 | 36,200 | 1.5                                                  | 271,800                  | 135,900 | 113,300 | 107,300 |
| 25                                                                              | 19     | 6                                 | 35,080          | 29,230 | 4.4                                               | 95,600                   | 47,800 | 39,800 | 37,700 | 1.5                                                  | 283,000                  | 141,500 | 117,900 | 111,700 |
| 23                                                                              | 17     | 5.8                               | 36,070          | 30,060 | 4.3                                               | 98,200                   | 49,100 | 40,900 | 38,800 | 1.4                                                  | 291,000                  | 145,500 | 121,300 | 114,900 |
| 26                                                                              | 19     | 5.7                               | 36,480          | 30,400 | 4.2                                               | 99,400                   | 49,700 | 41,400 | 39,200 | 1.4                                                  | 294,400                  | 147,200 | 122,700 | 116,200 |
| 24                                                                              | 17     | 5.6                               | 37,640          | 31,370 | 4.1                                               | 102,600                  | 51,300 | 42,800 | 40,500 | 1.4                                                  | 303,800                  | 151,900 | 126,600 | 119,900 |
| 27                                                                              | 19     | 5.5                               | 37,890          | 31,580 | 4.1                                               | 103,200                  | 51,600 | 43,000 | 40,700 | 1.4                                                  | 305,800                  | 152,900 | 127,400 | 120,700 |
| 25                                                                              | 17     | 5.3                               | 39,210          | 32,680 | 3.9                                               | 106,800                  | 53,400 | 44,500 | 42,200 | 1.3                                                  | 316,400                  | 158,200 | 131,800 | 124,900 |
| 28                                                                              | 19     | 5.3                               | 39,290          | 32,740 | 3.9                                               | 107,000                  | 53,500 | 44,600 | 42,200 | 1.3                                                  | 317,000                  | 158,500 | 132,100 | 125,100 |
| 26                                                                              | 17     | 5.1                               | 40,770          | 33,980 | 3.8                                               | 111,000                  | 55,500 | 46,300 | 43,800 | 1.3                                                  | 329,000                  | 164,500 | 137,100 | 129,900 |
| 27                                                                              | 17     | 4.9                               | 42,340          | 35,280 | 3.6                                               | 115,400                  | 57,700 | 48,100 | 45,600 | 1.2                                                  | 341,800                  | 170,900 | 142,400 | 134,900 |
| 28                                                                              | 17     | 4.8                               | 43,910          | 36,590 | 3.5                                               | 119,600                  | 59,800 | 49,800 | 47,200 | 1.2                                                  | 354,400                  | 177,200 | 147,700 | 139,900 |

Notes: This chart assumes the 38-tooth sprocket at the pick-up wheel has been replaced with a 23-tooth sprocket.  
Always verify proper planting population in field to ensure transmission is set correctly.

1/17/2012 14:46

01/17/2012

