



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.





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 With New Sprocket (23 tooth)					80 Hole Soybean Disk With New Sprocket (23 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	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.

