



Kinze Planter Rate Chart - 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 Combinations (Number of teeth)		Average Seeding Distance (inches)	Seed Population per Acre		Average Seeding Distance (inches)	Seed Population per Acre				Average Seeding Distance (inches)	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	9.1	46,000	23,000	19,200	18,200	3.1	136,200	68,100	56,800	53,800
15	28	14.6	14,280	11,900	8.5	49,200	24,600	20,500	19,400	2.9	146,000	73,000	60,800	57,600
15	27	14.1	14,810	12,340	8.2	51,000	25,500	21,300	20,100	2.8	151,400	75,700	63,100	59,800
17	30	13.8	15,110	12,590	8.0	52,200	26,100	21,800	20,600	2.7	154,400	77,200	64,300	60,900
15	26	13.6	15,380	12,820	7.9	53,000	26,500	22,100	20,900	2.7	157,200	78,600	65,500	62,100
15	25	13.1	16,000	13,330	7.6	55,200	27,600	23,000	21,800	2.6	163,600	81,800	68,200	64,600
17	28	12.9	16,190	13,490	7.5	55,800	27,900	23,300	22,000	2.5	165,400	82,700	68,900	65,300
17	27	12.5	16,790	13,990	7.2	58,000	29,000	24,200	22,900	2.4	171,600	85,800	71,500	67,700
17	26	12.0	17,430	14,530	6.9	60,200	30,100	25,100	23,800	2.3	178,200	89,100	74,300	70,300
19	28	11.6	18,090	15,080	6.7	62,400	31,200	26,000	24,600	2.3	185,000	92,500	77,100	73,000
17	25	11.5	18,130	15,110	6.7	62,600	31,300	26,100	24,700	2.3	185,400	92,700	77,300	73,200
19	27	11.1	18,760	15,630	6.5	64,800	32,400	27,000	25,600	2.2	191,800	95,900	79,900	75,700
17	24	11.1	18,880	15,730	6.4	65,200	32,600	27,200	25,700	2.2	193,000	96,500	80,400	76,200
19	26	10.7	19,480	16,230	6.2	67,200	33,600	28,000	26,500	2.1	199,200	99,600	83,000	78,600
17	23	10.6	19,710	16,430	6.1	68,000	34,000	28,300	26,800	2.1	201,400	100,700	83,900	79,500
19	25	10.3	20,260	16,880	6.0	70,000	35,000	29,200	27,600	2.0	207,200	103,600	86,300	81,800
19	24	9.9	21,110	17,590	5.7	72,800	36,400	30,300	28,700	1.9	215,800	107,900	89,900	85,200
23	28	9.5	21,900	18,250	5.5	75,600	37,800	31,500	29,800	1.9	223,800	111,900	93,300	88,300
19	23	9.5	22,020	18,350	5.5	76,000	38,000	31,700	30,000	1.9	225,200	112,600	93,800	88,900
23	27	9.2	22,710	18,930	5.3	78,400	39,200	32,700	30,900	1.8	232,200	116,100	96,800	91,700
24	28	9.2	22,850	19,040	5.3	78,800	39,400	32,800	31,100	1.8	233,600	116,800	97,300	92,200
23	26	8.9	23,580	19,650	5.1	81,400	40,700	33,900	32,100	1.7	241,000	120,500	100,400	95,100
24	27	8.8	23,700	19,750	5.1	81,800	40,900	34,100	32,300	1.7	242,200	121,100	100,900	95,600
25	28	8.8	23,800	19,830	5.1	82,200	41,100	34,300	32,400	1.7	243,400	121,700	101,400	96,100
17	19	8.8	23,850	19,880	5.1	82,200	41,100	34,300	32,400	1.7	243,800	121,900	101,600	96,200
23	25	8.5	24,530	20,440	4.9	84,600	42,300	35,300	33,400	1.7	250,800	125,400	104,500	99,000
24	26	8.5	24,610	20,510	4.9	85,000	42,500	35,400	33,600	1.7	251,600	125,800	104,800	99,300
25	27	8.5	24,690	20,580	4.9	85,200	42,600	35,500	33,600	1.7	252,400	126,200	105,200	99,600
26	28	8.4	24,760	20,630	4.9	85,400	42,700	35,600	33,700	1.7	253,000	126,500	105,400	99,900
23	24	8.2	25,550	21,290	4.7	88,200	44,100	36,800	34,800	1.6	261,200	130,600	108,800	103,100
24	25	8.2	25,590	21,330	4.7	88,200	44,100	36,800	34,800	1.6	261,600	130,800	109,000	103,300
25	26	8.2	25,630	21,360	4.7	88,400	44,200	36,800	34,900	1.6	262,000	131,000	109,200	103,400
26	27	8.1	25,670	21,390	4.7	88,600	44,300	36,900	35,000	1.6	262,400	131,200	109,300	103,600
27	28	8.1	25,710	21,430	4.7	88,600	44,300	36,900	35,000	1.6	262,800	131,400	109,500	103,700
23	23	7.8	26,660	22,220	4.5	92,000	46,000	38,300	36,300	1.5	272,600	136,300	113,600	107,600
28	27	7.6	27,650	23,040	4.4	95,400	47,700	39,800	37,700	1.5	282,600	141,300	117,800	111,600
27	26	7.6	27,690	23,080	4.4	95,600	47,800	39,800	37,700	1.5	283,000	141,500	117,900	111,700
25	24	7.5	27,770	23,140	4.4	95,800	47,900	39,900	37,800	1.5	283,800	141,900	118,300	112,000
24	23	7.5	27,820	23,180	4.4	96,000	48,000	40,000	37,900	1.5	284,400	142,200	118,500	112,300
28	26	7.3	28,710	23,930	4.2	99,000	49,500	41,300	39,100	1.4	293,400	146,700	122,300	115,800
27	25	7.3	28,790	23,990	4.2	99,400	49,700	41,400	39,200	1.4	294,400	147,200	122,700	116,200
25	23	7.2	28,980	24,150	4.2	100,000	50,000	41,700	39,500	1.4	296,200	148,100	123,400	116,900
19	17	7	29,800	24,830	4.1	102,800	51,400	42,800	40,600	1.4	304,600	152,300	126,900	120,200
28	25	7	29,860	24,880	4.1	103,000	51,500	42,900	40,700	1.4	305,200	152,600	127,200	120,500
27	24	7	29,990	24,990	4.0	103,400	51,700	43,100	40,800	1.4	306,600	153,300	127,800	121,000
26	23	6.9	30,140	25,120	4.0	104,000	52,000	43,300	41,100	1.4	308,000	154,000	128,300	121,600
28	24	6.7	31,100	25,920	3.9	107,400	53,700	44,800	42,400	1.3	318,000	159,000	132,500	125,500
27	23	6.7	31,300	26,080	3.9	108,000	54,000	45,000	42,600	1.3	320,000	160,000	133,300	126,300
23	19	6.5	32,270	26,890	3.8	111,400	55,700	46,400	44,000	1.3	329,800	164,900	137,400	130,200
28	23	6.4	32,460	27,050	3.7	112,000	56,000	46,700	44,200	1.3	331,800	165,900	138,300	131,000
24	19	6.2	33,680	28,070	3.6	116,200	58,100	48,400	45,900	1.2	344,200	172,100	143,400	135,900
25	19	6	35,080	29,230	3.5	121,000	60,500	50,400	47,800	1.2	358,600	179,300	149,400	141,600
23	17	5.8	36,070	30,060	3.4	124,400	62,200	51,800	49,100	1.1	368,800	184,400	153,700	145,600
26	19	5.7	36,480	30,400	3.3	125,800	62,900	52,400	49,700	1.1	373,000	186,500	155,400	147,200
24	17	5.6	37,640	31,370	3.2	129,800	64,900	54,100	51,200	1.1	384,800	192,400	160,300	151,900
27	19	5.5	37,890	31,580	3.2	130,800	65,400	54,500	51,600	1.1	387,200	193,600	161,300	152,800
25	17	5.3	39,210	32,680	3.1	135,200	67,600	56,300	53,400	1.0	400,800	200,400	167,000	158,200
28	19	5.3	39,290	32,740	3.1	135,600	67,800	56,500	53,500	1.0	401,600	200,800	167,300	158,500
26	17	5.1	40,770	33,980	3.0	140,600	70,300	58,600	55,500	1.0	416,800	208,400	173,700	164,500
27	17	4.9	42,340	35,280	2.9	146,000	73,000	60,800	57,600	1.0	432,800	216,400	180,300	170,800
28	17	4.8	43,910	36,590	2.8	151,400	75,700	63,100	59,800	0.9	448,800	224,400	187,000	177,200

Notes: This chart assumes the 30-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.

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If your planter does not have a 28 or 30 tooth sprocket, you may obtain them from your Kinze dealer.

