



Kinze 3500 (Finger) Planter Rate Chart - 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 Bean Disk With New Sprocket (15 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	13.9	30,000	15,000	12,500	11,800	4.7	88,800	44,400	37,000	35,100
15	28	14.6	14,280	11,900	13.0	32,200	16,100	13,400	12,700	4.4	95,200	47,600	39,700	37,600
15	27	14.1	14,810	12,340	12.5	33,400	16,700	13,900	13,200	4.2	98,800	49,400	41,200	39,000
17	30	13.8	15,110	12,590	12.3	34,000	17,000	14,200	13,400	4.1	100,800	50,400	42,000	39,800
15	26	13.6	15,380	12,820	12.1	34,600	17,300	14,400	13,700	4.1	102,600	51,300	42,800	40,500
15	25	13.1	16,000	13,330	11.6	36,000	18,000	15,000	14,200	3.9	106,600	53,300	44,400	42,100
17	28	12.9	16,190	13,490	11.5	36,400	18,200	15,200	14,400	3.9	108,000	54,000	45,000	42,600
17	27	12.5	16,790	13,990	11.1	37,800	18,900	15,800	14,900	3.7	112,000	56,000	46,700	44,200
17	26	12.0	17,430	14,530	10.7	39,200	19,600	16,300	15,500	3.6	116,200	58,100	48,400	45,900
19	28	11.6	18,090	15,080	10.2	40,800	20,400	17,000	16,100	3.5	120,600	60,300	50,300	47,600
17	25	11.5	18,130	15,110	10.2	40,800	20,400	17,000	16,100	3.5	120,800	60,400	50,300	47,700
19	27	11.1	18,760	15,630	9.9	42,200	21,100	17,600	16,700	3.3	125,000	62,500	52,100	49,300
17	24	11.1	18,880	15,730	9.9	42,400	21,200	17,700	16,700	3.3	125,800	62,900	52,400	49,700
19	26	10.7	19,480	16,230	9.5	43,800	21,900	18,300	17,300	3.2	129,800	64,900	54,100	51,200
17	23	10.6	19,710	16,430	9.4	44,400	22,200	18,500	17,500	3.2	131,400	65,700	54,800	51,900
19	25	10.3	20,260	16,880	9.2	45,600	22,800	19,000	18,000	3.1	135,000	67,500	56,300	53,300
19	24	9.9	21,110	17,590	8.8	47,400	23,700	19,800	18,700	3.0	140,800	70,400	58,700	55,600
23	28	9.5	21,900	18,250	8.5	49,200	24,600	20,500	19,400	2.9	146,000	73,000	60,800	57,600
19	23	9.5	22,020	18,350	8.4	49,600	24,800	20,700	19,600	2.8	146,800	73,400	61,200	57,900
23	27	9.2	22,710	18,930	8.2	51,000	25,500	21,300	20,100	2.8	151,400	75,700	63,100	59,800
24	28	9.2	22,850	19,040	8.1	51,400	25,700	21,400	20,300	2.7	152,400	76,200	63,500	60,200
23	26	8.9	23,580	19,650	7.9	53,000	26,500	22,100	20,900	2.7	157,200	78,600	65,500	62,100
24	27	8.8	23,700	19,750	7.8	53,400	26,700	22,300	21,100	2.6	158,000	79,000	65,800	62,400
25	28	8.8	23,800	19,830	7.8	53,600	26,800	22,300	21,200	2.6	158,600	79,300	66,100	62,600
17	19	8.8	23,850	19,880	7.8	53,600	26,800	22,300	21,200	2.6	159,000	79,500	66,300	62,800
23	25	8.5	24,530	20,440	7.6	55,200	27,600	23,000	21,800	2.6	163,600	81,800	68,200	64,600
24	26	8.5	24,610	20,510	7.5	55,400	27,700	23,100	21,900	2.5	164,000	82,000	68,300	64,700
25	27	8.5	24,690	20,580	7.5	55,600	27,800	23,200	21,900	2.5	164,600	82,300	68,600	65,000
26	28	8.4	24,760	20,630	7.5	55,800	27,900	23,300	22,000	2.5	165,000	82,500	68,800	65,100
23	24	8.2	25,550	21,290	7.3	57,400	28,700	23,900	22,700	2.5	170,400	85,200	71,000	67,300
24	25	8.2	25,590	21,330	7.3	57,600	28,800	24,000	22,700	2.5	170,600	85,300	71,100	67,300
25	26	8.2	25,630	21,360	7.3	57,600	28,800	24,000	22,700	2.4	170,800	85,400	71,200	67,400
26	27	8.1	25,670	21,390	7.2	57,800	28,900	24,100	22,800	2.4	171,200	85,600	71,300	67,600
27	28	8.1	25,710	21,430	7.2	57,800	28,900	24,100	22,800	2.4	171,400	85,700	71,400	67,700
23	23	7.8	26,660	22,220	7.0	60,000	30,000	25,000	23,700	2.4	177,800	88,900	74,100	70,200
28	27	7.6	27,650	23,040	6.7	62,200	31,100	25,900	24,600	2.3	184,400	92,200	76,800	72,800
27	26	7.6	27,690	23,080	6.7	62,200	31,100	25,900	24,600	2.3	184,600	92,300	76,900	72,900
25	24	7.5	27,770	23,140	6.7	62,400	31,200	26,000	24,600	2.3	185,200	92,600	77,200	73,100
24	23	7.5	27,820	23,180	6.7	62,600	31,300	26,100	24,700	2.3	185,400	92,700	77,300	73,200
28	26	7.3	28,710	23,930	6.5	64,600	32,300	26,900	25,500	2.2	191,400	95,700	79,800	75,600
27	25	7.3	28,790	23,990	6.5	64,800	32,400	27,000	25,600	2.2	192,000	96,000	80,000	75,800
25	23	7.2	28,980	24,150	6.4	65,200	32,600	27,200	25,700	2.2	193,200	96,600	80,500	76,300
19	17	7	29,800	24,830	6.2	67,000	33,500	27,900	26,400	2.1	198,600	99,300	82,800	78,400
28	25	7	29,860	24,880	6.2	67,200	33,600	28,000	26,500	2.1	199,000	99,500	82,900	78,600
27	24	7	29,990	24,990	6.2	67,400	33,700	28,100	26,600	2.1	200,000	100,000	83,300	78,900
26	23	6.9	30,140	25,120	6.2	67,800	33,900	28,300	26,800	2.1	201,000	100,500	83,800	79,300
28	24	6.7	31,100	25,920	6.0	70,000	35,000	29,200	27,600	2.0	207,400	103,700	86,400	81,900
27	23	6.7	31,300	26,080	5.9	70,400	35,200	29,300	27,800	2.0	208,600	104,300	86,900	82,300
23	19	6.5	32,270	26,890	5.8	72,600	36,300	30,300	28,700	1.9	215,200	107,600	89,700	84,900
28	23	6.4	32,460	27,050	5.7	73,000	36,500	30,400	28,800	1.9	216,400	108,200	90,200	85,400
24	19	6.2	33,680	28,070	5.5	75,800	37,900	31,600	29,900	1.9	224,600	112,300	93,600	88,700
25	19	6	35,080	29,230	5.3	79,000	39,500	32,900	31,200	1.8	233,800	116,900	97,400	92,300
23	17	5.8	36,070	30,060	5.1	81,200	40,600	33,800	32,100	1.7	240,400	120,200	100,200	94,900
26	19	5.7	36,480	30,400	5.1	82,000	41,000	34,200	32,400	1.7	243,200	121,600	101,300	96,000
24	17	5.6	37,640	31,370	4.9	84,600	42,300	35,300	33,400	1.7	251,000	125,500	104,600	99,100
27	19	5.5	37,890	31,580	4.9	85,200	42,600	35,500	33,600	1.7	252,600	126,300	105,300	99,700
25	17	5.3	39,210	32,680	4.7	88,200	44,100	36,800	34,800	1.6	261,400	130,700	108,900	103,200
28	19	5.3	39,290	32,740	4.7	88,400	44,200	36,800	34,900	1.6	262,000	131,000	109,200	103,400
26	17	5.1	40,770	33,980	4.6	91,800	45,900	38,300	36,200	1.5	271,800	135,900	113,300	107,300
27	17	4.9	42,340	35,280	4.4	95,200	47,600	39,700	37,600	1.5	282,200	141,100	117,600	111,400
28	17	4.8	43,910	36,590	4.2	98,800	49,400	41,200	39,000	1.4	292,800	146,400	122,000	115,600

Note: This assumes using the 15 tooth sprocket on the contact wheel and the half-rate transmission sprocket. For soybeans, use standard rate and double the populations on this chart.

