



Kinze Vertical Fold Planter Rate Chart - Precision Planting vSet Meter (12-Tooth Sprocket)

Existing Rate Chart (12 Finger Meter, before modification of transmission)		27 Hole Corn Disk With 12 Tooth Sprocket								80 Hole Bean Disk With 12 Tooth Sprocket				
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		15	30	36	38		15	30	36	38
15	30	15.0	13,900	11,600	6.7	62,500	31,200	26,000	24,700	2.3	185,200	92,600	77,100	73,100
15	28	14.0	14,900	12,400	6.2	67,000	33,500	27,900	26,400	2.1	198,400	99,200	82,700	78,300
15	27	13.6	15,400	12,900	6.0	69,400	34,700	28,900	27,400	2.0	205,700	102,900	85,700	81,200
17	30	13.3	15,700	13,100	5.9	70,800	35,400	29,500	28,000	2.0	209,800	104,900	87,400	82,800
15	26	13.1	16,000	13,400	5.8	72,100	36,100	30,000	28,500	2.0	213,600	106,800	89,000	84,300
15	25	12.5	16,700	13,900	5.6	75,000	37,500	31,200	29,600	1.9	222,200	111,100	92,600	87,700
17	28	12.4	16,900	14,100	5.5	75,900	37,900	31,600	30,000	1.9	224,800	112,400	93,700	88,700
17	27	11.9	17,500	14,600	5.3	78,700	39,300	32,800	31,100	1.8	233,200	116,600	97,100	92,000
17	26	11.5	18,200	15,100	5.1	81,700	40,900	34,000	32,300	1.7	242,100	121,100	100,900	95,600
19	28	11.1	18,800	15,700	4.9	84,800	42,400	35,300	33,500	1.7	251,300	125,600	104,700	99,200
17	25	11.1	18,900	15,700	4.9	85,000	42,500	35,400	33,500	1.7	251,800	125,900	104,900	99,400
19	27	10.7	19,500	16,300	4.8	87,900	44,000	36,600	34,700	1.6	260,600	130,300	108,600	102,900
17	24	10.6	19,700	16,400	4.7	88,500	44,300	36,900	34,900	1.6	262,300	131,200	109,300	103,500
19	26	10.3	20,300	16,900	4.6	91,300	45,700	38,100	36,100	1.5	270,600	135,300	112,800	106,800
17	23	10.2	20,500	17,100	4.5	92,400	46,200	38,500	36,500	1.5	273,700	136,900	114,000	108,000
19	25	9.9	21,100	17,600	4.4	95,000	47,500	39,600	37,500	1.5	281,400	140,700	117,300	111,100
19	24	9.5	22,000	18,300	4.2	98,900	49,500	41,200	39,100	1.4	293,200	146,600	122,100	115,700
23	28	9.2	22,800	19,000	4.1	102,700	51,300	42,800	40,500	1.4	304,200	152,100	126,700	120,100
19	23	9.1	22,900	19,100	4.1	103,200	51,600	43,000	40,800	1.4	305,900	153,000	127,500	120,800
23	27	8.8	23,700	19,700	3.9	106,500	53,200	44,400	42,000	1.3	315,400	157,700	131,400	124,500
24	28	8.8	23,800	19,800	3.9	107,100	53,600	44,600	42,300	1.3	317,400	158,700	132,300	125,300
23	26	8.5	24,600	20,500	3.8	110,600	55,300	46,100	43,600	1.3	327,600	163,800	136,500	129,300
24	27	8.5	24,700	20,600	3.8	111,100	55,500	46,300	43,900	1.3	329,200	164,600	137,200	129,900
25	28	8.4	24,800	20,700	3.7	111,600	55,800	46,500	44,000	1.3	330,600	165,300	137,800	130,500
17	19	8.4	24,800	20,700	3.7	111,800	55,900	46,600	44,100	1.3	331,300	165,700	138,100	130,800
23	25	8.2	25,600	21,300	3.6	115,000	57,500	47,900	45,400	1.2	340,700	170,300	142,000	134,500
24	26	8.2	25,600	21,400	3.6	115,400	57,700	48,100	45,500	1.2	341,800	170,900	142,400	134,900
25	27	8.1	25,700	21,400	3.6	115,700	57,900	48,200	45,700	1.2	342,900	171,400	142,900	135,300
26	28	8.1	25,800	21,500	3.6	116,100	58,000	48,400	45,800	1.2	343,900	171,900	143,300	135,700
23	24	7.9	26,600	22,200	3.5	119,800	59,900	49,900	47,300	1.2	354,900	177,400	147,900	140,100
24	25	7.8	26,700	22,200	3.5	120,000	60,000	50,000	47,400	1.2	355,500	177,700	148,100	140,300
25	26	7.8	26,700	22,300	3.5	120,200	60,100	50,100	47,400	1.2	356,100	178,000	148,400	140,600
26	27	7.8	26,700	22,300	3.5	120,300	60,200	50,100	47,500	1.2	356,600	178,300	148,600	140,800
27	28	7.8	26,800	22,300	3.5	120,500	60,300	50,200	47,600	1.2	357,100	178,500	148,800	141,000
23	23	7.5	27,800	23,100	3.3	125,000	62,500	52,100	49,300	1.1	370,300	185,200	154,300	146,200
28	27	7.3	28,800	24,000	3.2	129,600	64,800	54,000	51,200	1.1	384,000	192,000	160,000	151,600
27	26	7.3	28,800	24,000	3.2	129,800	64,900	54,100	51,200	1.1	384,500	192,300	160,200	151,800
25	24	7.2	28,900	24,100	3.2	130,200	65,100	54,200	51,400	1.1	385,700	192,900	160,700	152,300
24	23	7.2	29,000	24,200	3.2	130,400	65,200	54,300	51,500	1.1	386,400	193,200	161,000	152,500
28	26	7	29,900	24,900	3.1	134,600	67,300	56,100	53,100	1.0	398,800	199,400	166,200	157,400
27	25	7	30,000	25,000	3.1	135,000	67,500	56,200	53,300	1.0	399,900	200,000	166,600	157,900
25	23	6.9	30,200	25,200	3.1	135,800	67,900	56,600	53,600	1.0	402,500	201,300	167,700	158,900
19	17	6.7	31,000	25,900	3.0	139,700	69,800	58,200	55,100	1.0	413,900	206,900	172,400	163,400
28	25	6.7	31,100	25,900	3.0	140,000	70,000	58,300	55,300	1.0	414,700	207,400	172,800	163,700
27	24	6.7	31,200	26,000	3.0	140,600	70,300	58,600	55,500	1.0	416,600	208,300	173,600	164,400
26	23	6.7	31,400	26,200	3.0	141,300	70,600	58,900	55,800	1.0	418,600	209,300	174,400	165,200
28	24	6.5	32,400	27,000	2.9	145,800	72,900	60,800	57,600	1.0	432,000	216,000	180,000	170,500
27	23	6.4	32,600	27,200	2.8	146,700	73,400	61,100	57,900	1.0	434,700	217,400	181,100	171,600
23	19	6.2	33,600	28,000	2.8	151,300	75,600	63,000	59,700	0.9	448,300	224,100	186,800	176,900
28	23	6.2	33,800	28,200	2.7	152,100	76,100	63,400	60,100	0.9	450,800	225,400	187,800	178,000
24	19	6	35,100	29,200	2.7	157,900	78,900	65,800	62,300	0.9	467,800	233,900	194,900	184,600
25	19	5.7	36,500	30,500	2.5	164,400	82,200	68,500	64,900	0.9	487,200	243,600	203,000	192,300
23	17	5.6	37,600	31,300	2.5	169,100	84,500	70,500	66,700	0.8	501,000	250,500	208,800	197,800
26	19	5.5	38,000	31,700	2.4	171,000	85,500	71,300	67,500	0.8	506,700	253,400	211,100	200,000
24	17	5.3	39,200	32,700	2.4	176,400	88,200	73,500	69,600	0.8	522,800	261,400	217,800	206,400
27	19	5.3	39,500	32,900	2.4	177,600	88,800	74,000	70,100	0.8	526,200	263,100	219,300	207,700
25	17	5.1	40,800	34,000	2.3	183,800	91,900	76,600	72,500	0.8	544,600	272,300	226,900	215,000
28	19	5.1	40,900	34,100	2.3	184,200	92,100	76,700	72,700	0.8	545,700	272,900	227,400	215,400
26	17	4.9	42,500	35,400	2.2	191,100	95,600	79,600	75,500	0.7	566,400	283,200	236,000	223,600
27	17	4.7	44,100	36,800	2.1	198,500	99,200	82,700	78,400	0.7	588,100	294,100	245,100	232,200
28	17	4.6	45,700	38,100	2.0	205,800	102,900	85,800	81,300	0.7	609,900	305,000	254,100	240,800

Notes: This chart assumes a 12-tooth sprocket at the pick-up wheel on vertical folding toolbar.
Always verify proper planting population in field to ensure transmission is set correctly.

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Kinze Vertical Fold Planter Rate Chart - Precision Planting vSet Meter (48-Tooth Sprocket)

Existing Rate Chart (12 Finger Meter, before modification of transmission)		27 Hole Corn Disk With 48 Tooth Sprocket								80 Hole Bean Disk With 48 Tooth Sprocket				
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		15	30	36	38		15	30	36	38
15	30	15.0	13,900	11,600	13.4	31,200	15,600	13,000	12,300	4.5	92,600	46,300	38,600	36,500
15	28	14.0	14,900	12,400	12.5	33,500	16,700	13,900	13,200	4.2	99,200	49,600	41,300	39,200
15	27	13.6	15,400	12,900	12.0	34,700	17,400	14,500	13,700	4.1	102,900	51,400	42,900	40,600
17	30	13.3	15,700	13,100	11.8	35,400	17,700	14,800	14,000	4.0	104,900	52,500	43,700	41,400
15	26	13.1	16,000	13,400	11.6	36,100	18,000	15,000	14,200	3.9	106,800	53,400	44,500	42,200
15	25	12.5	16,700	13,900	11.2	37,500	18,700	15,600	14,800	3.8	111,100	55,500	46,300	43,900
17	28	12.4	16,900	14,100	11.0	37,900	19,000	15,800	15,000	3.7	112,400	56,200	46,800	44,400
17	27	11.9	17,500	14,600	10.6	39,300	19,700	16,400	15,500	3.6	116,600	58,300	48,600	46,000
17	26	11.5	18,200	15,100	10.2	40,900	20,400	17,000	16,100	3.5	121,100	60,500	50,400	47,800
19	28	11.1	18,800	15,700	9.9	42,400	21,200	17,700	16,700	3.3	125,600	62,800	52,300	49,600
17	25	11.1	18,900	15,700	9.9	42,500	21,200	17,700	16,800	3.3	125,900	63,000	52,500	49,700
19	27	10.7	19,500	16,300	9.5	44,000	22,000	18,300	17,400	3.2	130,300	65,100	54,300	51,400
17	24	10.6	19,700	16,400	9.5	44,300	22,100	18,400	17,500	3.2	131,200	65,600	54,600	51,800
19	26	10.3	20,300	16,900	9.2	45,700	22,800	19,000	18,000	3.1	135,300	67,700	56,400	53,400
17	23	10.2	20,500	17,100	9.1	46,200	23,100	19,200	18,200	3.1	136,900	68,400	57,000	54,000
19	25	9.9	21,100	17,600	8.8	47,500	23,700	19,800	18,700	3.0	140,700	70,400	58,600	55,500
19	24	9.5	22,000	18,300	8.5	49,500	24,700	20,600	19,500	2.9	146,600	73,300	61,100	57,900
23	28	9.2	22,800	19,000	8.1	51,300	25,700	21,400	20,300	2.8	152,100	76,000	63,400	60,000
19	23	9.1	22,900	19,100	8.1	51,600	25,800	21,500	20,400	2.7	153,000	76,500	63,700	60,400
23	27	8.8	23,700	19,700	7.9	53,200	26,600	22,200	21,000	2.7	157,700	78,900	65,700	62,300
24	28	8.8	23,800	19,800	7.8	53,600	26,800	22,300	21,100	2.6	158,700	79,400	66,100	62,600
23	26	8.5	24,600	20,500	7.6	55,300	27,600	23,000	21,800	2.6	163,800	81,900	68,200	64,700
24	27	8.5	24,700	20,600	7.5	55,500	27,800	23,100	21,900	2.5	164,600	82,300	68,600	65,000
25	28	8.4	24,800	20,700	7.5	55,800	27,900	23,200	22,000	2.5	165,300	82,700	68,900	65,300
17	19	8.4	24,800	20,700	7.5	55,900	28,000	23,300	22,100	2.5	165,700	82,800	69,000	65,400
23	25	8.2	25,600	21,300	7.3	57,500	28,700	24,000	22,700	2.5	170,300	85,200	71,000	67,200
24	26	8.2	25,600	21,400	7.3	57,700	28,800	24,000	22,800	2.4	170,900	85,500	71,200	67,500
25	27	8.1	25,700	21,400	7.2	57,900	28,900	24,100	22,800	2.4	171,400	85,700	71,400	67,700
26	28	8.1	25,800	21,500	7.2	58,000	29,000	24,200	22,900	2.4	171,900	86,000	71,600	67,900
23	24	7.9	26,600	22,200	7.0	59,900	29,900	25,000	23,600	2.4	177,400	88,700	73,900	70,000
24	25	7.8	26,700	22,200	7.0	60,000	30,000	25,000	23,700	2.4	177,700	88,900	74,100	70,200
25	26	7.8	26,700	22,300	7.0	60,100	30,000	25,000	23,700	2.3	178,000	89,000	74,200	70,300
26	27	7.8	26,700	22,300	6.9	60,200	30,100	25,100	23,800	2.3	178,300	89,100	74,300	70,400
27	28	7.8	26,800	22,300	6.9	60,300	30,100	25,100	23,800	2.3	178,500	89,300	74,400	70,500
23	23	7.5	27,800	23,100	6.7	62,500	31,200	26,000	24,700	2.3	185,200	92,600	77,100	73,100
28	27	7.3	28,800	24,000	6.5	64,800	32,400	27,000	25,600	2.2	192,000	96,000	80,000	75,800
27	26	7.3	28,800	24,000	6.5	64,900	32,400	27,000	25,600	2.2	192,300	96,100	80,100	75,900
25	24	7.2	28,900	24,100	6.4	65,100	32,500	27,100	25,700	2.2	192,900	96,400	80,400	76,100
24	23	7.2	29,000	24,200	6.4	65,200	32,600	27,200	25,700	2.2	193,200	96,600	80,500	76,300
28	26	7	29,900	24,900	6.2	67,300	33,600	28,000	26,600	2.1	199,400	99,700	83,100	78,700
27	25	7	30,000	25,000	6.2	67,500	33,700	28,100	26,600	2.1	200,000	100,000	83,300	78,900
25	23	6.9	30,200	25,200	6.1	67,900	34,000	28,300	26,800	2.1	201,300	100,600	83,900	79,400
19	17	6.7	31,000	25,900	6.0	69,800	34,900	29,100	27,600	2.0	206,900	103,500	86,200	81,700
28	25	6.7	31,100	25,900	6.0	70,000	35,000	29,200	27,600	2.0	207,400	103,700	86,400	81,900
27	24	6.7	31,200	26,000	5.9	70,300	35,200	29,300	27,800	2.0	208,300	104,100	86,800	82,200
26	23	6.7	31,400	26,200	5.9	70,600	35,300	29,400	27,900	2.0	209,300	104,700	87,200	82,600
28	24	6.5	32,400	27,000	5.7	72,900	36,500	30,400	28,800	1.9	216,000	108,000	90,000	85,300
27	23	6.4	32,600	27,200	5.7	73,400	36,700	30,600	29,000	1.9	217,400	108,700	90,600	85,800
23	19	6.2	33,600	28,000	5.5	75,600	37,800	31,500	29,900	1.9	224,100	112,100	93,400	88,500
28	23	6.2	33,800	28,200	5.5	76,100	38,000	31,700	30,000	1.9	225,400	112,700	93,900	89,000
24	19	6	35,100	29,200	5.3	78,900	39,500	32,900	31,200	1.8	233,900	116,900	97,400	92,300
25	19	5.7	36,500	30,500	5.1	82,200	41,100	34,300	32,500	1.7	243,600	121,800	101,500	96,200
23	17	5.6	37,600	31,300	4.9	84,500	42,300	35,200	33,400	1.7	250,500	125,300	104,400	98,900
26	19	5.5	38,000	31,700	4.9	85,500	42,800	35,600	33,800	1.7	253,400	126,700	105,600	100,000
24	17	5.3	39,200	32,700	4.7	88,200	44,100	36,800	34,800	1.6	261,400	130,700	108,900	103,200
27	19	5.3	39,500	32,900	4.7	88,800	44,400	37,000	35,100	1.6	263,100	131,600	109,600	103,900
25	17	5.1	40,800	34,000	4.6	91,900	45,900	38,300	36,300	1.5	272,300	136,100	113,500	107,500
28	19	5.1	40,900	34,100	4.5	92,100	46,000	38,400	36,400	1.5	272,900	136,400	113,700	107,700
26	17	4.9	42,500	35,400	4.4	95,600	47,800	39,800	37,700	1.5	283,200	141,600	118,000	111,800
27	17	4.7	44,100	36,800	4.2	99,200	49,600	41,400	39,200	1.4	294,100	147,000	122,500	116,100
28	17	4.6	45,700	38,100	4.1	102,900	51,500	42,900	40,600	1.4	305,000	152,500	127,100	120,400

Notes: This chart assumes a 48-tooth sprocket at the pick-up wheel on vertical folding toolbar.
Always verify proper planting population in field to ensure transmission is set correctly.

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