



### KINZE RATE CHART FOR 22-TOOTH SPROCKET (EDGE VAC PLANTER)

Kinze Edgevac Planter Rate Chart - Precision Planting vSet Meter (22-Tooth Sprocket)											
Sprocket Combinations (Number of teeth) Driver Driven		27 Hole Corn Disk						80 Hole Bean Disk			
		Average Seeding Distance (inches)	Seed Population per Acre				Average Seeding Distance (inches)	Seed Population per Acre			
			15	30	36	38		15	30	36	38
15	30	13.9	30,000	15,000	12,500	11,800	4.7	88,900	44,400	37,000	35,100
15	28	13.0	32,100	16,100	13,400	12,700	4.4	95,200	47,600	39,700	37,600
15	27	12.5	33,300	16,700	13,900	13,200	4.2	98,700	49,400	41,100	39,000
17	30	12.3	34,000	17,000	14,200	13,400	4.1	100,700	50,400	42,000	39,800
15	26	12.1	34,600	17,300	14,400	13,700	4.1	102,500	51,300	42,700	40,500
15	25	11.6	36,000	18,000	15,000	14,200	3.9	106,600	53,300	44,400	42,100
17	28	11.5	36,400	18,200	15,200	14,400	3.9	107,900	54,000	45,000	42,600
17	27	11.1	37,800	18,900	15,700	14,900	3.7	111,900	55,900	46,600	44,200
17	26	10.7	39,200	19,600	16,300	15,500	3.6	116,200	58,100	48,400	45,900
19	28	10.2	40,700	20,400	17,000	16,100	3.5	120,600	60,300	50,200	47,600
17	25	10.2	40,800	20,400	17,000	16,100	3.5	120,900	60,400	50,400	47,700
19	27	9.9	42,200	21,100	17,600	16,700	3.3	125,100	62,500	52,100	49,400
17	24	9.9	42,500	21,200	17,700	16,800	3.3	125,900	62,900	52,500	49,700
19	26	9.5	43,800	21,900	18,300	17,300	3.2	129,900	64,900	54,100	51,300
17	23	9.4	44,300	22,200	18,500	17,500	3.2	131,400	65,700	54,700	51,900
19	25	9.2	45,600	22,800	19,000	18,000	3.1	135,100	67,500	56,300	53,300
19	24	8.8	47,500	23,700	19,800	18,700	3.0	140,700	70,300	58,600	55,500
23	28	8.5	49,300	24,600	20,500	19,400	2.9	146,000	73,000	60,800	57,600
19	23	8.4	49,500	24,800	20,600	19,600	2.8	146,800	73,400	61,200	58,000
23	27	8.2	51,100	25,500	21,300	20,200	2.8	151,400	75,700	63,100	59,800
24	28	8.1	51,400	25,700	21,400	20,300	2.7	152,300	76,200	63,500	60,100
23	26	7.9	53,100	26,500	22,100	20,900	2.7	157,200	78,600	65,500	62,100
24	27	7.8	53,300	26,700	22,200	21,000	2.6	158,000	79,000	65,800	62,400
25	28	7.8	53,600	26,800	22,300	21,100	2.6	158,700	79,300	66,100	62,600
17	19	7.8	53,700	26,800	22,400	21,200	2.6	159,000	79,500	66,300	62,800
23	25	7.6	55,200	27,600	23,000	21,800	2.6	163,500	81,800	68,100	64,500
24	26	7.5	55,400	27,700	23,100	21,900	2.5	164,100	82,000	68,400	64,800
25	27	7.5	55,500	27,800	23,100	21,900	2.5	164,600	82,300	68,600	65,000
26	28	7.5	55,700	27,800	23,200	22,000	2.5	165,000	82,500	68,800	65,100
23	24	7.3	57,500	28,700	24,000	22,700	2.5	170,300	85,200	71,000	67,200
24	25	7.3	57,600	28,800	24,000	22,700	2.5	170,600	85,300	71,100	67,300
25	26	7.3	57,700	28,800	24,000	22,800	2.4	170,900	85,400	71,200	67,500
26	27	7.2	57,800	28,900	24,100	22,800	2.4	171,100	85,600	71,300	67,600
27	28	7.2	57,800	28,900	24,100	22,800	2.4	171,400	85,700	71,400	67,600
23	23	7.0	60,000	30,000	25,000	23,700	2.4	177,700	88,900	74,100	70,200
28	27	6.7	62,200	31,100	25,900	24,600	2.3	184,300	92,200	76,800	72,800
27	26	6.7	62,300	31,100	26,000	24,600	2.3	184,600	92,300	76,900	72,900
25	24	6.7	62,500	31,200	26,000	24,700	2.3	185,100	92,600	77,100	73,100
24	23	6.7	62,600	31,300	26,100	24,700	2.3	185,500	92,700	77,300	73,200
28	26	6.5	64,600	32,300	26,900	25,500	2.2	191,400	95,700	79,700	75,600
27	25	6.5	64,800	32,400	27,000	25,600	2.2	191,900	96,000	80,000	75,800
25	23	6.4	65,200	32,600	27,200	25,700	2.2	193,200	96,600	80,500	76,300
19	17	6.2	67,000	33,500	27,900	26,500	2.1	198,600	99,300	82,800	78,400
28	25	6.2	67,200	33,600	28,000	26,500	2.1	199,000	99,500	82,900	78,600
27	24	6.2	67,500	33,700	28,100	26,600	2.1	199,900	100,000	83,300	78,900
26	23	6.2	67,800	33,900	28,300	26,800	2.1	200,900	100,500	83,700	79,300
28	24	6.0	70,000	35,000	29,200	27,600	2.0	207,300	103,700	86,400	81,800
27	23	5.9	70,400	35,200	29,300	27,800	2.0	208,600	104,300	86,900	82,400
23	19	5.8	72,600	36,300	30,300	28,700	1.9	215,100	107,600	89,600	84,900
28	23	5.7	73,000	36,500	30,400	28,800	1.9	216,400	108,200	90,100	85,400
24	19	5.5	75,800	37,900	31,600	29,900	1.9	224,500	112,200	93,500	88,600
25	19	5.3	78,900	39,500	32,900	31,200	1.8	233,800	116,900	97,400	92,300
23	17	5.1	81,200	40,600	33,800	32,000	1.7	240,400	120,200	100,200	94,900
26	19	5.1	82,100	41,000	34,200	32,400	1.7	243,200	121,600	101,300	96,000
24	17	4.9	84,700	42,300	35,300	33,400	1.7	250,900	125,500	104,500	99,000
27	19	4.9	85,200	42,600	35,500	33,600	1.7	252,600	126,300	105,200	99,700
25	17	4.7	88,200	44,100	36,800	34,800	1.6	261,400	130,700	108,900	103,200
28	19	4.7	88,400	44,200	36,800	34,900	1.6	261,900	131,000	109,100	103,400
26	17	4.6	91,700	45,900	38,200	36,200	1.5	271,800	135,900	113,300	107,300
27	17	4.4	95,300	47,600	39,700	37,600	1.5	282,300	141,100	117,600	111,400
28	17	4.2	98,800	49,400	41,200	39,000	1.4	292,700	146,400	122,000	115,500

Notes: This chart assumes a 22-tooth sprocket at the pick-up wheel on an Edgevac planter.  
Always verify proper planting population in field to ensure transmission is set correctly.



## KINZE RATE CHART FOR 28-TOOTH SPROCKET (EDGE VAC PLANTER)

Kinze Edgevac Planter Rate Chart - Precision Planting vSet Meter (28-Tooth Sprocket)											
		27 Hole Corn Disk					80 Hole Bean Disk				
Sprocket Combinations (Number of teeth)		Average Seeding Distance (inches)	Seed Population per Acre				Average Seeding Distance (inches)	Seed Population per Acre			
Driver	Driven		15	30	36	38		15	30	36	38
15	30	10.9	38,200	19,100	15,900	15,100	3.7	113,100	56,500	47,100	44,600
15	28	10.2	40,900	20,400	17,000	16,100	3.5	121,200	60,600	50,500	47,800
15	27	9.9	42,400	21,200	17,700	16,700	3.3	125,700	62,800	52,400	49,600
17	30	9.7	43,300	21,600	18,000	17,100	3.3	128,200	64,100	53,400	50,600
15	26	9.5	44,000	22,000	18,400	17,400	3.2	130,500	65,200	54,400	51,500
15	25	9.1	45,800	22,900	19,100	18,100	3.1	135,700	67,900	56,500	53,600
17	28	9.0	46,300	23,200	19,300	18,300	3.0	137,300	68,700	57,200	54,200
17	27	8.7	48,100	24,000	20,000	19,000	2.9	142,400	71,200	59,300	56,200
17	26	8.4	49,900	25,000	20,800	19,700	2.8	147,900	73,900	61,600	58,400
19	28	8.1	51,800	25,900	21,600	20,400	2.7	153,500	76,700	64,000	60,600
17	25	8.0	51,900	26,000	21,600	20,500	2.7	153,800	76,900	64,100	60,700
19	27	7.8	53,700	26,900	22,400	21,200	2.6	159,200	79,600	66,300	62,800
17	24	7.7	54,100	27,000	22,500	21,300	2.6	160,200	80,100	66,800	63,200
19	26	7.5	55,800	27,900	23,200	22,000	2.5	165,300	82,600	68,900	65,200
17	23	7.4	56,400	28,200	23,500	22,300	2.5	167,200	83,600	69,700	66,000
19	25	7.2	58,000	29,000	24,200	22,900	2.4	171,900	86,000	71,600	67,900
19	24	6.9	60,400	30,200	25,200	23,900	2.3	179,100	89,500	74,600	70,700
23	28	6.7	62,700	31,400	26,100	24,800	2.3	185,800	92,900	77,400	73,300
19	23	6.6	63,100	31,500	26,300	24,900	2.2	186,900	93,400	77,900	73,800
23	27	6.4	65,000	32,500	27,100	25,700	2.2	192,700	96,300	80,300	76,100
24	28	6.4	65,400	32,700	27,300	25,800	2.2	193,900	96,900	80,800	76,500
23	26	6.2	67,500	33,800	28,100	26,700	2.1	200,100	100,000	83,400	79,000
24	27	6.2	67,900	33,900	28,300	26,800	2.1	201,100	100,500	83,800	79,400
25	28	6.1	68,200	34,100	28,400	26,900	2.1	202,000	101,000	84,100	79,700
17	19	6.1	68,300	34,200	28,500	27,000	2.1	202,400	101,200	84,300	79,900
23	25	6.0	70,200	35,100	29,300	27,700	2.0	208,100	104,000	86,700	82,100
24	26	5.9	70,500	35,200	29,400	27,800	2.0	208,800	104,400	87,000	82,400
25	27	5.9	70,700	35,300	29,500	27,900	2.0	209,400	104,700	87,300	82,700
26	28	5.9	70,900	35,400	29,500	28,000	2.0	210,000	105,000	87,500	82,900
23	24	5.7	73,200	36,600	30,500	28,900	1.9	216,800	108,400	90,300	85,600
24	25	5.7	73,300	36,600	30,500	28,900	1.9	217,100	108,600	90,500	85,700
25	26	5.7	73,400	36,700	30,600	29,000	1.9	217,500	108,700	90,600	85,900
26	27	5.7	73,500	36,800	30,600	29,000	1.9	217,800	108,900	90,800	86,000
27	28	5.7	73,600	36,800	30,700	29,100	1.9	218,100	109,100	90,900	86,100
23	23	5.5	76,300	38,200	31,800	30,100	1.8	226,200	113,100	94,200	89,300
28	27	5.3	79,200	39,600	33,000	31,300	1.8	234,600	117,300	97,700	92,600
27	26	5.3	79,300	39,600	33,000	31,300	1.8	234,900	117,400	97,900	92,700
25	24	5.3	79,500	39,800	33,100	31,400	1.8	235,600	117,800	98,200	93,000
24	23	5.3	79,700	39,800	33,200	31,400	1.8	236,000	118,000	98,300	93,200
28	26	5.1	82,200	41,100	34,300	32,500	1.7	243,600	121,800	101,500	96,200
27	25	5.1	82,400	41,200	34,400	32,500	1.7	244,300	122,100	101,800	96,400
25	23	5.0	83,000	41,500	34,600	32,800	1.7	245,900	122,900	102,400	97,100
19	17	4.9	85,300	42,700	35,600	33,700	1.7	252,800	126,400	105,300	99,800
28	25	4.9	85,500	42,800	35,600	33,800	1.7	253,300	126,700	105,600	100,000
27	24	4.9	85,900	42,900	35,800	33,900	1.6	254,500	127,200	106,000	100,400
26	23	4.9	86,300	43,100	36,000	34,100	1.6	255,700	127,800	106,500	100,900
28	24	4.7	89,100	44,500	37,100	35,200	1.6	263,900	131,900	110,000	104,200
27	23	4.7	89,600	44,800	37,300	35,400	1.6	265,500	132,800	110,600	104,800
23	19	4.5	92,400	46,200	38,500	36,500	1.5	273,800	136,900	114,100	108,100
28	23	4.5	92,900	46,500	38,700	36,700	1.5	275,400	137,700	114,700	108,700
24	19	4.3	96,400	48,200	40,200	38,100	1.5	285,700	142,900	119,000	112,800
25	19	4.2	100,400	50,200	41,900	39,700	1.4	297,600	148,800	124,000	117,500
23	17	4.1	103,300	51,600	43,000	40,800	1.4	306,000	153,000	127,500	120,800
26	19	4.0	104,500	52,200	43,500	41,200	1.4	309,500	154,800	129,000	122,200
24	17	3.9	107,800	53,900	44,900	42,500	1.3	319,300	159,700	133,100	126,100
27	19	3.9	108,500	54,200	45,200	42,800	1.3	321,400	160,700	133,900	126,900
25	17	3.7	112,300	56,100	46,800	44,300	1.3	332,600	166,300	138,600	131,300
28	19	3.7	112,500	56,300	46,900	44,400	1.3	333,300	166,700	138,900	131,600
26	17	3.6	116,800	58,400	48,600	46,100	1.2	345,900	173,000	144,100	136,600
27	17	3.5	121,200	60,600	50,500	47,900	1.2	359,200	179,600	149,700	141,800
28	17	3.3	125,700	62,900	52,400	49,600	1.1	372,600	186,300	155,200	147,100

Notes: This chart assumes a 28-tooth sprocket at the pick-up wheel on an Edgevac planter. Always verify proper planting population in field to ensure transmission is set correctly.



## KINZE RATE CHART FOR 44-TOOTH SPROCKET (EDGE VAC PLANTER)

Sprocket Combinations (Number of teeth)		27 Hole Corn Disk						80 Hole Bean Disk				
		Average Seeding Distance (inches)	Seed Population per Acre				Average Seeding Distance (inches)	Seed Population per Acre				
			15	30	36	38		15	30	36	38	
Driver	Driven											
15	30	7.0	60,000	30,000	25,000	23,700	2.4	177,700	88,900	74,100	70,200	
15	28	6.5	64,300	32,100	26,800	25,400	2.2	190,400	95,200	79,300	75,200	
15	27	6.3	66,600	33,300	27,800	26,300	2.1	197,500	98,700	82,300	77,900	
17	30	6.1	68,000	34,000	28,300	26,800	2.1	201,400	100,700	83,900	79,500	
15	26	6.0	69,200	34,600	28,800	27,300	2.0	205,100	102,500	85,400	80,900	
15	25	5.8	72,000	36,000	30,000	28,400	2.0	213,300	106,600	88,900	84,200	
17	28	5.7	72,800	36,400	30,300	28,800	1.9	215,800	107,900	89,900	85,200	
17	27	5.5	75,500	37,800	31,500	29,800	1.9	223,800	111,900	93,200	88,300	
17	26	5.3	78,400	39,200	32,700	31,000	1.8	232,400	116,200	96,800	91,700	
19	28	5.1	81,400	40,700	33,900	32,100	1.7	241,200	120,600	100,500	95,200	
17	25	5.1	81,600	40,800	34,000	32,200	1.7	241,700	120,900	100,700	95,400	
19	27	5.0	84,400	42,200	35,200	33,300	1.7	250,100	125,100	104,200	98,700	
17	24	4.9	85,000	42,500	35,400	33,500	1.7	251,800	125,900	104,900	99,400	
19	26	4.8	87,700	43,800	36,500	34,600	1.6	259,700	129,900	108,200	102,500	
17	23	4.7	88,700	44,300	36,900	35,000	1.6	262,700	131,400	109,500	103,700	
19	25	4.6	91,200	45,600	38,000	36,000	1.5	270,100	135,100	112,600	106,600	
19	24	4.4	95,000	47,500	39,600	37,500	1.5	281,400	140,700	117,200	111,100	
23	28	4.2	98,500	49,300	41,100	38,900	1.4	292,000	146,000	121,700	115,300	
19	23	4.2	99,100	49,500	41,300	39,100	1.4	293,600	146,800	122,300	115,900	
23	27	4.1	102,200	51,100	42,600	40,300	1.4	302,800	151,400	126,200	119,500	
24	28	4.1	102,800	51,400	42,800	40,600	1.4	304,700	152,300	126,900	120,300	
23	26	3.9	106,100	53,100	44,200	41,900	1.3	314,400	157,200	131,000	124,100	
24	27	3.9	106,600	53,300	44,400	42,100	1.3	316,000	158,000	131,600	124,700	
25	28	3.9	107,100	53,600	44,600	42,300	1.3	317,400	158,700	132,200	125,300	
17	19	3.9	107,300	53,700	44,700	42,400	1.3	318,000	159,000	132,500	125,500	
23	25	3.8	110,400	55,200	46,000	43,600	1.3	327,000	163,500	136,300	129,100	
24	26	3.8	110,700	55,400	46,100	43,700	1.3	328,100	164,100	136,700	129,500	
25	27	3.8	111,100	55,500	46,300	43,800	1.3	329,100	164,600	137,100	129,900	
26	28	3.8	111,400	55,700	46,400	44,000	1.3	330,100	165,000	137,500	130,300	
23	24	3.6	115,000	57,500	47,900	45,400	1.2	340,600	170,300	141,900	134,500	
24	25	3.6	115,200	57,600	48,000	45,500	1.2	341,200	170,600	142,200	134,700	
25	26	3.6	115,300	57,700	48,100	45,500	1.2	341,800	170,900	142,400	134,900	
26	27	3.6	115,500	57,800	48,100	45,600	1.2	342,300	171,100	142,600	135,100	
27	28	3.6	115,700	57,800	48,200	45,700	1.2	342,800	171,400	142,800	135,300	
23	23	3.5	120,000	60,000	50,000	47,400	1.2	355,400	177,700	148,100	140,300	
28	27	3.4	124,400	62,200	51,800	49,100	1.1	368,600	184,300	153,600	145,500	
27	26	3.4	124,600	62,300	51,900	49,200	1.1	369,100	184,600	153,800	145,700	
25	24	3.3	125,000	62,500	52,100	49,300	1.1	370,300	185,100	154,300	146,200	
24	23	3.3	125,200	62,600	52,200	49,400	1.1	370,900	185,500	154,500	146,400	
28	26	3.2	129,200	64,600	53,800	51,000	1.1	382,800	191,400	159,500	151,100	
27	25	3.2	129,600	64,800	54,000	51,100	1.1	383,900	191,900	160,000	151,500	
25	23	3.2	130,400	65,200	54,300	51,500	1.1	386,400	193,200	161,000	152,500	
19	17	3.1	134,100	67,000	55,900	52,900	1.1	397,300	198,600	165,500	156,800	
28	25	3.1	134,400	67,200	56,000	53,000	1.1	398,100	199,000	165,900	157,100	
27	24	3.1	135,000	67,500	56,200	53,300	1.0	399,900	199,900	166,600	157,800	
26	23	3.1	135,600	67,800	56,500	53,500	1.0	401,800	200,900	167,400	158,600	
28	24	3.0	140,000	70,000	58,300	55,200	1.0	414,700	207,300	172,800	163,700	
27	23	3.0	140,800	70,400	58,700	55,600	1.0	417,300	208,600	173,900	164,700	
23	19	2.9	145,200	72,600	60,500	57,300	1.0	430,300	215,100	179,300	169,800	
28	23	2.9	146,000	73,000	60,900	57,600	1.0	432,700	216,400	180,300	170,800	
24	19	2.8	151,500	75,800	63,100	59,800	0.9	449,000	224,500	187,100	177,200	
25	19	2.7	157,800	78,900	65,800	62,300	0.9	467,700	233,800	194,900	184,600	
23	17	2.6	162,300	81,200	67,600	64,100	0.9	480,900	240,400	200,400	189,800	
26	19	2.5	164,200	82,100	68,400	64,800	0.9	486,400	243,200	202,700	192,000	
24	17	2.5	169,400	84,700	70,600	66,900	0.8	501,800	250,900	209,100	198,100	
27	19	2.5	170,500	85,200	71,000	67,300	0.8	505,100	252,600	210,500	199,400	
25	17	2.4	176,400	88,200	73,500	69,600	0.8	522,700	261,400	217,800	206,300	
28	19	2.4	176,800	88,400	73,700	69,800	0.8	523,800	261,900	218,300	206,800	
26	17	2.3	183,500	91,700	76,400	72,400	0.8	543,600	271,800	226,500	214,600	
27	17	2.2	190,500	95,300	79,400	75,200	0.7	564,500	282,300	235,200	222,800	
28	17	2.1	197,600	98,800	82,300	78,000	0.7	585,400	292,700	243,900	231,100	

Notes: This chart assumes a 44-tooth sprocket at the pick-up wheel on an Edgevac planter. Always verify proper planting population in field to ensure transmission is set correctly. 10/26/2011 13:41

