



JOHN DEERE 7000 RATE CHART

John Deere 7000 Planter Rate Chart - Precision Planting vSet Meter														
Existing Rate Chart (12 Finger Meter, before modification of transmission)					27 Hole Corn Disk With New Sprocket (24 tooth)					80 Hole Soybean Disk With New Sprocket (24 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
30	14	3.7	56,000	46,700	2.7	157,600	78,800	65,700	62,200	0.9	467,000	233,500	194,600	184,300
26	14	4.3	48,600	40,500	3.1	136,600	68,300	56,900	53,900	1.0	404,800	202,400	168,700	159,800
30	18	4.8	43,600	36,300	3.4	122,600	61,300	51,100	48,400	1.2	363,200	181,600	151,300	143,400
22	14	5.1	41,100	34,300	3.6	115,600	57,800	48,200	45,600	1.2	342,600	171,300	142,800	135,200
26	18	5.5	37,800	31,500	3.9	106,200	53,100	44,300	41,900	1.3	314,800	157,400	131,200	124,300
30	22	5.9	35,700	29,800	4.2	100,400	50,200	41,800	39,600	1.4	297,200	148,600	123,800	117,300
22	18	6.5	32,000	26,700	4.6	90,000	45,000	37,500	35,500	1.6	266,400	133,200	111,000	105,200
26	22	6.8	30,900	25,800	4.8	87,000	43,500	36,300	34,300	1.6	257,600	128,800	107,300	101,700
30	26	6.9	30,200	25,200	4.9	84,800	42,400	35,300	33,500	1.7	251,400	125,700	104,800	99,200
16	14	7.0	29,900	24,900	5.0	84,000	42,000	35,000	33,200	1.7	249,000	124,500	103,800	98,300
30	28	7.5	28,000	23,300	5.3	78,800	39,400	32,800	31,100	1.8	233,600	116,800	97,300	92,200
22	22	8.0	26,200	21,800	5.7	73,600	36,800	30,700	29,100	1.9	218,000	109,000	90,800	86,100
26	28	8.6	24,300	20,300	6.1	68,400	34,200	28,500	27,000	2.1	202,400	101,200	84,300	79,900
16	18	9.0	23,200	19,300	6.4	65,400	32,700	27,300	25,800	2.2	193,800	96,900	80,800	76,500
22	26	9.5	22,100	18,400	6.7	62,200	31,100	25,900	24,600	2.3	184,400	92,200	76,800	72,800
22	28	10.1	20,600	17,200	7.2	57,800	28,900	24,100	22,800	2.4	171,200	85,600	71,300	67,600
14	18	10.3	20,300	16,900	7.3	57,200	28,600	23,800	22,600	2.5	169,600	84,800	70,700	66,900
16	22	11.0	19,000	15,800	7.8	53,400	26,700	22,300	21,100	2.6	158,600	79,300	66,100	62,600
14	22	12.6	16,600	13,800	8.9	46,800	23,400	19,500	18,500	3.0	138,800	69,400	57,800	54,800
16	26	13.0	16,100	13,400	9.3	45,200	22,600	18,800	17,800	3.1	134,200	67,100	55,900	53,000
16	28	14.0	14,900	12,400	10.0	42,000	21,000	17,500	16,600	3.4	124,600	62,300	51,900	49,200
14	26	14.8	14,100	11,800	10.6	39,600	19,800	16,500	15,600	3.6	117,400	58,700	48,900	46,300
14	28	16.0	13,100	10,900	11.4	36,800	18,400	15,300	14,500	3.8	109,000	54,500	45,400	43,000

Notes: This chart assumes the 15 tooth #2040 sprocket has been replaced with a 24 tooth #2040 sprocket (48 tooth #40 sprocket)
Always verify proper planting population in field to ensure transmission is set correctly.

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