



60 Cell Metric Transmission Chart

Chart to be used for 60 Cell Cotton, Sorghum and other specialty eSet discs

Seed to the Hectare

High Range Input Sprocket		Seeds per Meter	Population 50 Centimeters	Population 30 inch	Population 36 inch	Population 40 inch	Population 1 Meter
Sprocket Combinations (Number of teeth)							
Driver	Driven	Rows	Rows	Rows	Rows	Rows	Rows
35	24	35	695,253	470,918	392,430	371,784	347,630
35	25	33	667,444	452,081	376,734	356,911	333,726
35	26	32	641,773	434,695	362,244	343,184	320,889
35	27	31	618,003	418,593	348,826	330,473	309,005
35	28	30	595,932	403,644	336,369	318,672	297,968
29	24	29	576,068	390,189	325,156	308,049	288,035
29	25	28	553,024	374,582	312,150	295,728	276,514
29	26	27	531,755	360,175	300,144	284,354	265,879
29	27	26	512,059	346,834	289,029	273,822	256,033
29	28	25	493,772	334,449	278,705	264,042	246,889
24	24	24	476,745	322,917	269,095	254,938	238,376
24	25	23	457,674	309,998	258,331	244,740	228,840
24	26	22	440,073	298,075	248,395	235,326	220,038
24	27	21	423,773	287,037	239,195	226,610	211,888
24	28	20	408,640	276,785	230,653	218,517	204,321
20	24	20	397,287	269,097	224,245	212,449	198,645
20	25	19	381,395	258,333	215,275	203,951	190,699
20	26	18	366,727	248,397	206,995	196,105	183,366
20	27	18	353,144	239,198	199,330	188,843	176,573
20	28	17	340,533	230,655	192,211	182,099	170,269
16	24	16	317,832	215,278	179,396	169,959	158,916
16	25	15	305,116	206,666	172,220	163,158	152,561
16	26	15	293,381	198,717	165,597	156,884	146,692
16	27	14	282,517	191,358	159,464	151,073	141,258
16	28	14	272,426	184,523	153,768	145,678	136,214
Low Range Input Sprocket		Seeds per Meter	Population 50 Centimeters	Population 30 inch	Population 36 inch	Population 40 inch	Population 1 Meter
Sprocket Combinations (Number of teeth)							
Driver	Driven	Rows	Rows	Rows	Rows	Rows	Rows
35	24	13	260,703	176,584	147,163	139,419	130,360
35	25	13	250,277	169,519	141,277	133,844	125,146
35	26	12	240,650	163,000	135,844	128,695	120,332
35	27	12	231,736	156,964	130,812	123,928	115,874
35	28	11	223,460	151,357	126,142	119,502	111,737
29	24	11	216,013	146,311	121,936	115,519	108,011
29	25	10	207,371	140,459	117,059	110,898	103,692
29	26	10	199,396	135,058	112,556	106,633	99,703
29	27	10	192,010	130,056	108,388	102,684	96,011
29	28	9	185,154	125,411	104,518	99,017	92,582
24	24	9	178,769	121,086	100,913	95,602	89,391
24	25	9	171,619	116,243	96,875	91,777	85,813
24	26	8	165,018	111,771	93,151	88,249	82,513
24	27	8	158,906	107,632	89,699	84,979	79,458
24	28	8	153,229	103,789	86,497	81,945	76,620
20	24	7	148,973	100,905	84,095	79,669	74,491
20	25	7	143,014	96,868	80,729	76,481	71,512
20	26	7	137,513	93,144	77,626	73,541	68,761
20	27	7	132,420	89,694	74,749	70,818	66,215
20	28	6	127,692	86,489	72,081	68,287	63,851
16	24	6	119,180	80,724	67,274	63,736	59,592
16	25	6	114,413	77,495	64,583	61,186	57,209
16	26	6	110,010	74,515	62,100	58,833	55,010
16	27	5	105,937	71,754	59,799	56,654	52,972
16	28	5	102,155	69,192	57,664	54,630	51,080





30 Cell Metric Transmission Chart

Chart to be used for 30 Cell Cotton, Sorghum and other specialty eSet discs
Seed to the Hectare

High Range Input Sprocket		Seeds per Meter	Population 50 Centimeters	Population 30 inch	Population 36 inch	Population 40 inch	Population 1 Meter
Sprocket Combinations (Number of teeth)							
Driver	Driven	Rows	Rows	Rows	Rows	Rows	Rows
35	24	17	347,626	235,459	196,215	185,892	173,815
35	25	17	333,722	226,041	188,367	178,456	166,863
35	26	16	320,886	217,347	181,122	171,592	160,444
35	27	15	309,002	209,297	174,413	165,237	154,503
35	28	15	297,966	201,822	168,185	159,336	148,984
29	24	14	288,034	195,094	162,578	154,024	144,018
29	25	14	276,512	187,291	156,075	147,864	138,257
29	26	13	265,877	180,088	150,072	142,177	132,939
29	27	13	256,030	173,417	144,514	136,911	128,017
29	28	12	246,886	167,225	139,352	132,021	123,444
24	24	12	238,372	161,458	134,547	127,469	119,188
24	25	11	228,837	154,999	129,165	122,370	114,420
24	26	11	220,037	149,038	124,197	117,663	110,019
24	27	11	211,886	143,519	119,598	113,305	105,944
24	28	10	204,320	138,392	115,326	109,259	102,161
20	24	10	198,643	134,549	112,123	106,224	99,322
20	25	10	190,698	129,167	107,638	101,975	95,349
20	26	9	183,364	124,199	103,497	98,052	91,683
20	27	9	176,572	119,599	99,665	94,421	88,287
20	28	9	170,267	115,328	96,105	91,050	85,134
16	24	8	158,916	107,639	89,698	84,979	79,458
16	25	8	152,558	103,333	86,110	81,579	76,280
16	26	7	146,691	99,358	82,799	78,442	73,346
16	27	7	141,258	95,679	79,732	75,536	70,629
16	28	7	136,213	92,262	76,884	72,839	68,107
Low Range Input Sprocket		Seeds per Meter	Population 50 Centimeters	Population 30 inch	Population 36 inch	Population 40 inch	Population 1 Meter
Sprocket Combinations (Number of teeth)							
Driver	Driven	Rows	Rows	Rows	Rows	Rows	Rows
35	24	7	130,352	88,292	73,582	69,710	65,180
35	25	6	125,138	84,759	70,639	66,922	62,573
35	26	6	120,325	81,500	67,922	64,347	60,166
35	27	6	115,868	78,482	65,406	61,964	57,937
35	28	6	111,730	75,678	63,071	59,751	55,869
29	24	5	108,006	73,155	60,968	57,760	54,006
29	25	5	103,686	70,230	58,529	55,449	51,846
29	26	5	99,698	67,529	56,278	53,317	49,851
29	27	5	96,005	65,028	54,194	51,342	48,005
29	28	5	92,577	62,705	52,259	49,509	46,291
24	24	4	89,385	60,543	50,456	47,801	44,695
24	25	4	85,809	58,122	48,438	45,889	42,907
24	26	4	82,509	55,885	46,576	44,124	41,256
24	27	4	79,453	53,816	44,850	42,490	39,729
24	28	4	76,615	51,895	43,248	40,972	38,310
20	24	4	74,487	50,453	42,047	39,835	37,246
20	25	4	71,507	48,434	40,365	38,241	35,756
20	26	3	68,756	46,572	38,813	36,770	34,381
20	27	3	66,210	44,847	37,375	35,409	33,107
20	28	3	63,846	43,245	36,040	34,144	31,925
16	24	3	59,590	40,362	33,637	31,868	29,796
16	25	3	57,206	38,747	32,292	30,593	28,604
16	26	3	55,005	37,257	31,050	29,417	27,505
16	27	3	52,968	35,877	29,900	28,327	26,486
16	28	3	51,077	34,596	28,832	27,315	25,540

Charts are based on a 30-cell chart as published by John Deere

The above chart has been put together as accurately as possible, PSS accepts no responsibility.

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