



27 Cell Metric Transmission Chart



Chart to be used for 27 Cell Corn Disks to Suit Kinze Unit w/ 48 tooth sprocket

Seed to the Hectare

48 Tooth 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
15	30	3	9621	6,313	5,261	4735	4811
15	28	3	10300	6,758	5,625	5069	5150
15	27	3	10732	7,042	5,868	5281	5366
17	30	3	10917	7,163	5,989	5372	5458
15	26	3	11102	7,285	6,070	5463	5551
15	25	4	11533	7,568	6,313	5676	5767
17	28	4	11718	7,689	6,394	5767	5859
17	27	4	12150	7,972	6,637	5979	6075
17	26	4	12582	8,256	6,880	6192	6291
19	28	4	13075	8,580	7,163	6435	6538
17	25	4	13075	8,580	7,163	6435	6538
19	27	4	13569	8,903	7,406	6677	6784
17	24	4	13630	8,944	7,446	6708	6815
19	26	4	14062	9,227	7,689	6920	7031
17	23	4	14247	9,348	7,770	7011	7124
19	25	4	14617	9,591	8,013	7193	7309
19	24	5	15234	9,996	8,337	7497	7617
23	28	5	15851	10,401	8,660	7800	7925
19	23	5	15912	10,441	8,701	7831	7956
23	27	5	16406	10,765	8,984	8074	8203
24	28	5	16529	10,846	9,025	8134	8265
23	26	5	17022	11,170	9,308	8377	8511
24	27	5	17146	11,251	9,348	8438	8573
25	28	5	17207	11,291	9,389	8468	8604
17	19	5	17269	11,331	9,429	8499	8635
23	25	5	17701	11,615	9,713	8711	8850
24	26	5	17763	11,655	9,713	8741	8881
25	27	5	17824	11,696	9,753	8772	8912
26	28	5	17886	11,736	9,794	8802	8943
23	24	6	18441	12,100	10,117	9075	9220
24	25	6	18503	12,141	10,117	9106	9251
25	26	6	18503	12,141	10,117	9106	9251
26	27	6	18564	12,181	10,158	9136	9282
27	28	6	18564	12,181	10,158	9136	9282
23	23	6	19243	12,626	10,522	9470	9621
28	27	6	19983	13,112	10,927	9834	9991
27	26	6	19983	13,112	10,927	9834	9991
25	24	6	20045	13,153	10,967	9864	10022
24	23	6	20106	13,193	11,008	9895	10053
28	26	6	20723	13,598	11,331	10198	10361
27	25	6	20785	13,638	11,372	10229	10392
25	23	6	20970	13,760	11,453	10320	10485
19	17	7	21525	14,124	11,777	10593	10762
28	25	7	21586	14,164	11,817	10623	10793
27	24	7	21710	14,245	11,858	10684	10855
26	23	7	21771	14,286	11,898	10714	10886
28	24	7	22512	14,771	12,303	11079	11256
27	23	7	22635	14,852	12,384	11139	11317
23	19	7	23313	15,297	12,748	11473	11657
28	23	7	23437	15,378	12,829	11534	11718
24	19	7	24362	15,985	13,314	11989	12181
25	19	8	25349	16,633	13,881	12475	12674
23	17	8	26089	17,119	14,245	12839	13044
26	19	8	26397	17,321	14,407	12991	13199
24	17	8	27199	17,847	14,893	13385	13599
27	19	8	27384	17,968	14,974	13476	13692
25	17	9	28309	18,575	15,500	13932	14155
28	19	9	28371	18,616	15,540	13962	14185





80 Cell Metric Transmission Chart



**Chart to be used for 80 Cell Soybean Disks to Suit Kinze Unit w/ 48 tooth sprocket
Seed to the Hectare**

48 Tooth 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
15	30	9	28556	18,737	15,621	14053	57112
15	28	9	30591	20,073	16,714	15055	61182
15	27	10	31701	20,801	17,361	15601	63402
17	30	10	32380	21,246	17,685	15935	64759
15	26	10	32935	21,611	18,009	16208	65869
15	25	10	34230	22,461	18,737	16845	68460
17	28	11	34662	22,744	18,940	17058	69323
17	27	11	35957	23,594	19,668	17695	71914
17	26	11	37314	24,484	20,397	18363	74627
19	28	12	38732	25,415	21,166	19061	77465
17	25	12	38856	25,496	21,246	19122	77711
19	27	12	40151	26,346	21,975	19759	80302
17	24	12	40459	26,548	22,096	19911	80918
19	26	13	41754	27,398	22,825	20548	83509
17	23	13	42186	27,681	23,068	20761	84372
19	25	13	43420	28,490	23,715	21368	86839
19	24	14	45208	29,664	24,727	22248	90416
23	28	14	46873	30,757	25,658	23068	93747
19	23	15	47182	30,959	25,779	23219	94364
23	27	15	48662	31,930	26,588	23948	97324
24	28	15	48970	32,133	26,750	24100	97941
23	26	15	50512	33,144	27,600	24858	101025
24	27	16	50759	33,306	27,762	24980	101518
25	28	16	51006	33,468	27,883	25101	102011
17	19	16	51067	33,509	27,924	25132	102135
23	25	16	52548	34,480	28,733	25860	105095
24	26	16	52733	34,601	28,814	25951	105465
25	27	16	52856	34,682	28,895	26012	105712
26	28	16	53041	34,804	28,976	26103	106082
23	24	16	54706	35,896	29,907	26922	109412
24	25	16	54830	35,977	29,988	26983	109659
25	26	17	54891	36,018	30,028	27013	109782
26	27	17	54953	36,058	30,069	27044	109906
27	28	17	55076	36,139	30,109	27104	110153
23	23	17	57112	37,475	31,202	28106	114223
28	27	18	59209	38,851	32,376	29138	118417
27	26	18	59270	38,891	32,416	29168	118540
25	24	18	59455	39,013	32,537	29259	118910
24	23	18	59579	39,093	32,578	29320	119157
28	26	19	61491	40,348	33,630	30261	122981
27	25	19	61676	40,469	33,711	30352	123351
25	23	19	62046	40,712	33,954	30534	124091
19	17	20	63834	41,886	34,885	31414	127668
28	25	20	63958	41,967	34,966	31475	127915
27	24	20	64204	42,129	35,127	31597	128409
26	23	20	64574	42,372	35,289	31779	129149
28	24	21	66610	43,707	36,423	32780	133219
27	23	21	67041	43,990	36,665	32993	134083
23	19	21	69138	45,366	37,798	34025	138277
28	23	21	69508	45,609	38,001	34207	139017
24	19	22	72099	47,309	39,417	35482	144197
25	19	23	75121	49,292	41,076	36969	150242
23	17	23	77279	50,708	42,250	38031	154559
26	19	23	78143	51,275	42,736	38456	156286
24	17	25	80610	52,894	44,071	39670	161220
27	19	25	81165	53,258	44,355	39943	162330
25	17	26	83940	55,079	45,933	41309	167881
28	19	26	84125	55,200	46,014	41400	168251