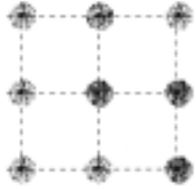




19701 Lake Road  
 Hickman, California 95323  
 209.874.1821 – 800.654.5854  
 FAX 209.874.1920

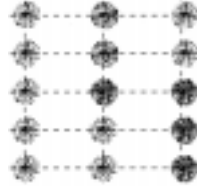
21200 E. Dinuba Avenue  
 Reedley, California 93654  
 559.638.6675  
 FAX 559.638.1185

## Planting Patterns



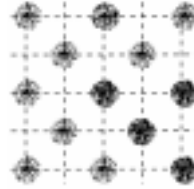
**SQUARE**

distance between rows and between trees is approximately the same



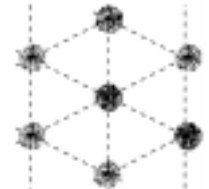
**HEDGEROW**

distance between trees in a row is much closer than in any other pattern



**DOUBLE**

interplanting a tree in the center of four trees in a square planting



**TRIANGLE (DIAMOND)**

all trees are the same distance from each other

### Trees Per Acre - Square & Hedgerow Plantings

Tree Spacing – Distance between trees within the row (feet)

Row Spacing – Distance between Rows (feet)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	8	1361	1089	908	778	681	605	545	495	454	419	389	363	340	320	302	287
10	1089	871	726	622	545	484	436	396	363	335	311	290	272	256	242	229	218
11	990	792	660	566	495	440	396	360	330	305	283	264	248	233	220	208	198
12	908	726	605	519	454	403	363	330	303	279	259	242	227	214	202	191	182
13	837	670	558	479	419	372	335	304	279	258	239	223	209	197	186	176	168
14	778	622	519	444	389	346	311	283	259	239	222	207	194	183	173	164	156
15	726	581	484	415	363	323	290	264	242	223	207	194	182	171	161	153	145
16	681	545	454	389	340	303	272	248	227	209	195	182	170	160	151	143	136
17	641	513	427	366	320	285	256	233	214	197	183	171	160	151	142	135	128
18	605	484	403	346	303	269	242	220	202	186	173	161	151	142	134	127	121
19	573	459	382	328	287	255	229	208	191	176	164	153	143	135	127	121	115
20	545	436	363	311	272	242	218	198	182	168	156	145	136	128	121	115	109
21	519	415	346	296	259	230	207	189	173	160	148	138	130	122	115	109	104
22	495	396	330	283	248	220	198	180	165	152	141	132	124	116	110	104	99
23	473	379	316	271	237	210	189	172	158	146	135	126	118	111	105	100	95
24	454	363	303	259	227	202	182	165	151	140	130	121	113	107	100	96	91
25	436	349	290	249	218	194	174	158	145	134	124	116	109	103	97	92	87

Triangle (diamond) Plantings		
Tree Spacing	Row Spacing	Trees Per Acre
15'	13'	223
16'	13' 10"	196
17'	14' 9"	174
18'	15' 7"	155
19'	16' 6"	139
20'	17' 4"	126
21'	18' 2"	114
22'	19' 1"	104
23'	19' 11"	95
24'	20' 9"	87
25'	21' 8"	80
26'	22' 6"	74
27'	23' 4"	69
28'	24' 3"	64
29'	25' 1"	60
30'	26'	56



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### To Find the Number of Trees Per Acre

**SQUARE OR HEDGEROW PLANTINGS:** Multiply the distance between rows by the distance between trees and divide into 43560

**TRIANGLE PLANTINGS:** Multiply the distance between trees by itself (square the distance between trees), divide into 43560 and add 15% to the result of the division.

**DOUBLE PLANTINGS:** Divide the distance between two interplant rows into 208. Divide the distance between two trees within a single row into 208. Add the results of these two divisions. Save this number for the last step. Multiply the distance between rows and divide into 43560. Double this number and reduce it by the sum of the two divisions.