

How to Estimate Plant Population per Acre

Count the number of stalks in a length row equal to 1/1,000th of an acre. Make several counts in separate sections of the corn field. Figure the average of these samples, then multiply this number by one thousand.

Row Width	Row Length to 1/1,000 th Acre
20"	26.2 ft.
28"	18.7 ft.
30"	17.4 ft.
36"	14.5 ft.
38"	13.8 ft.
40"	13.1 ft.

Number of Rows to Make One Acre

Length of Row	Row Width			
	30"	36"	38"	40"
40 Rods	26.4	22.0	20.8	19.8
60 Rods	17.6	14.7	13.9	13.2
80 Rods	13.2	11.0	10.4	9.9
100 Rods	10.6	8.8	8.3	7.9
120 Rods	8.8	7.3	6.9	6.5
140 Rods	7.7	6.2	5.9	5.6
160 Rods	6.6	5.5	5.2	4.9