

Plant Population Guide Figuring Normal Stand Reduction Through the Season

Inches between kernels at these row widths:

40"	38"	36"	30"	20"
11.0	11.6	12.2	14.7	22.0
10.5	11.1	11.7	14.0	21.0
10.0	10.5	11.1	13.3	20.0
9.5	10.0	10.6	12.6	19.0
9.0	9.5	10.0	12.0	18.0
8.5	8.9	9.4	11.3	17.0
8.0	8.4	8.9	10.7	16.0
7.5	7.9	8.3	10.0	15.0
7.0	7.4	7.8	9.3	14.0
6.5	6.8	7.2	8.7	13.0
6.0	6.3	6.7	8.0	12.0
5.5	5.8	6.1	7.3	11.0
5.0	5.3	5.6	6.7	10.0

Final stand to expect with:

Planted	10% loss	20% loss
14,255	12,830	11,404
14,968	13,471	11,974
15,681	14,113	12,545
16,552	14,897	13,242
17,423	15,681	13,938
18,512	16,661	14,810
19,601	17,640	15,681
21,001	18,901	16,801
22,402	20,162	17,922
24,125	21,173	19,300
26,136	23,522	20,909
28,512	25,661	22,810
31,363	28,227	25,090

Under the average conditions it is wise to overplant 10 to 15 percent to maintain the desired finished stand. If you plant early you can plant up to 2 to 3,000 more kernels per acre. One reason is seed mortality rate is higher. Also, plants are shorter and will lodge less. When planting for silage, plant from the same to 2,000 more plants per acre than for grain. Never sacrifice grain for green weight.