

**Wheat Seeding Rate Chart**  
**Number of Kernels Per Foot of Drilled Row Based on Seeding Rate**

	26 seeds/ft <sup>2</sup>	36 seeds/ft <sup>2</sup>	45 seeds/ft <sup>2</sup>	54 seeds/ft <sup>2</sup>
Row Spacing	-----Kernels/foot of drilled row for seeding rates-----			
6 inch	13	18	23	27
7 inch	15	21	27	31
7.5 inch	16	23	29	34
8 inch	17	24	31	36
10 inch	22	30	38	45
Broadcast	26	36	46	54

**Assumptions:** Kernel size will vary with variety and seed lot, but will generally range from 10,000 to 17,000 seeds/lb. Based on an average seed size of 13,000 kernels/lb, the following seeds/ft<sup>2</sup> equals the following seeding rates in lbs/acre

26 Seeds/ft<sup>2</sup> = 87 lbs/acre (our Rec for drilled wheat planted early into a good seedbed)

36 Seeds/ft<sup>2</sup> = 120 lbs/acre

45 Seeds/ft<sup>2</sup> = 150 lbs/acre

54 Seeds/ft<sup>2</sup> = 180 lbs/acre

**To calculate seeding rates in lbs/acre based on other seed sizes:**

To calculate actual lbs of seed/acre planted based on other seed sizes use the following calculations:

**Example:**

Your seed size is 17,000 kernels/lb and you want to plant 36 seeds/ft<sup>2</sup>.

36 seeds/ft<sup>2</sup> X 43560 ft<sup>2</sup>/acre = 1,568,160 kernels/acre

Then divide 1,568,160 by 17,000 kernels/lb = 92.2 lbs/acre