



# How many stalks of corns are there per hectare?

The typical number of corn stalks (plants) per hectare depends on the type of corn, the intended use (grain or silage), and local agronomic recommendations. For modern field corn grown for grain or silage, the **typical plant population ranges from 52,500 to 82,500 plants per hectare**, with most commercial recommendations falling between **67,500 and 75,000 plants per hectare** for optimal yield and quality<sup>[1][2]</sup>.

- **Lower densities** (around 52,500 plants/ha) allow for larger individual plants but lower total yield.
- **Higher densities** (up to 82,500 plants/ha) increase total biomass but may reduce individual plant size and quality.

For sweet corn, plant populations may be lower, with some studies using densities as low as **9,900 plants/ha** for reduced crowding stress, but commercial production often uses higher densities similar to field corn<sup>[2]</sup>.

**Summary Table: Typical Corn Stalk Density**

Corn Type	Typical Stalks per Hectare
Field Corn	67,500–75,000
High Density	Up to 82,500
Low Density	~52,500
Sweet Corn	9,900–79,000 (varies)

These values represent the final plant stand, after accounting for germination and early losses<sup>[1][2]</sup>.

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1. <https://dellait.com/optimizing-plant-density-improves-corn-silage-quality/>

2. <https://pmc.ncbi.nlm.nih.gov/articles/PMC8492913/>