

Glycine max

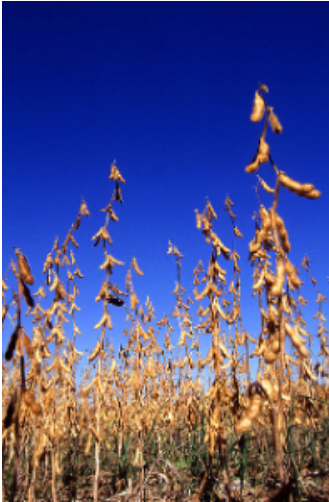


Image Source:

[Scott Bauer, USDA Agricultural Research Service](#)

Scientific name: *Glycine max*

Common name(s): Soybean

Name as shown in Phylogenies: Soybean

Ploidy: Diploid

Description:

Glycine max, commonly known as soybean, is one of the top ten global crops. It originated in Southeast Asia and is now a major crop in the Americas and China. Soybean seeds are rich in protein and oils and it is a significant plant based protein food source.

Soybean is a member of the Leguminosae and is able to fix atmospheric nitrogen into the soil. It has an ancient polyploid and has a large genome with many of the genes clustered at the chromosome ends.

Reference(s):

1. Schmutz J, et al. Genome sequence of the palaeopolyploid soybean. *Nature*. 2010 Jan 14;463(7278):178-83. doi: 10.1038/nature08670. Erratum in: *Nature*. 2010 May 6;465(7294):120. doi: [10.1038/nature08670](https://doi.org/10.1038/nature08670)

Genome Database(s):

[SoyBase](#)

[Legume Information System](#)