

## HL203 SOYBEAN VARIETY

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HL 203 soybean variety was developed and introduced by Hung Loc Agricultural Research Center (HARC), Institute of Agricultural Sciences for Southern Vietnam (IAS) in 2010.

HL 203 named in the original GC 84058-18-4, selected from cross (PI 79712613 x PI 79712613 x SJ # 4) and imported into Vietnam in 1999 by the ASET 99 from Asia Vegetables Research and Development Center (AVRDC). HL 203 soybean variety was recognized and approved for large scale testing production in 2004 and was recognized officially alternative as a new soybean variety, allowed business nationally in 2010.

The growth duration of this variety is about 80-82 days, plant height of 50-65 cm, HL203 show lodging resistance, and relatively drought tolerant ability. Tidy branches can grow with high-density about 450.000-500.000 plants/ha in rainy season.

High quality, protein content reached 34%, lipid reached 18.3%, 1000 grain weight is 140-150grs. It has grain color is bright yellow, seed hilum color is light brown suitable every consumer and number of pods per plant high, percent 3-seed pods reached 18-22%, pods concentrate on the trunk, when mature, pod color is yellow-brown.

Through research and development in some regions in Southeast, Eastern Highlands and Mekong Delta, HL 203 soybean variety has high yield, relatively stable, reached 1.5 to 1,8 tons/ha (for Summer-Autumn and Autumn-Winter season) and from 2.2 to 2.5 tons/ha (for Spring-Summer and Winter-Spring season). Growth phenotype is limited, cultivar effectively in alternately with corn, industrial crops or rotation after rice and a wide adaptability crop.



