

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Soybean Ontologies

RRID:SCR\_004514

Type: Tool

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### Proper Citation

Soybean Ontologies (RRID:SCR\_004514)

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### Resource Information

**URL:** <http://soybase.org/ontology.php>

**Proper Citation:** Soybean Ontologies (RRID:SCR\_004514)

**Description:** Controlled vocabulary for soybean field growth stages (Soybean Whole Plant Growth Ontology), plant structure names (Soybean Structure Ontology), development (Soybean Development Ontology) and plant traits (Soybean Trait Ontology). These are only a suggestion. Input from the community will be necessary to update and extend the ontologies. Because of this, these ontologies should also be considered a work in progress. Where applicable, soybean specific terms have been associated with their Plant Ontology (PO) and Gramene Plant Trait Ontology (TO) synonyms to facilitate cross species comparisons. Please feel free to contact them for corrections, additions, and questions.

**Abbreviations:** Soybean Ontologies

**Synonyms:** SoyBase Soybean Ontologies, SoyBase Ontologies

**Resource Type:** data or information resource, ontology, controlled vocabulary

**Keywords:** plant, growth, structure, development, trait, developmental stage

**Availability:** The community can contribute to this resource

**Resource Name:** Soybean Ontologies

**Resource ID:** SCR\_004514

**Alternate IDs:** nlx\_49793

**Record Creation Time:** 20220129T080225+0000

**Record Last Update:** 20260731T042659+0000

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### Ratings and Alerts

No rating or validation information has been found for Soybean Ontologies.

No alerts have been found for Soybean Ontologies.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Tian H, et al. (2025) Identification of HSSP1 as a regulator of soybean protein content through QTL analysis and Soy-SPCC network. Plant biotechnology journal, 23(7), 2673.

Sreekanta S, et al. (2024) Variation in shoot architecture traits and their relationship to canopy coverage and light interception in soybean (Glycine max). BMC plant biology, 24(1), 194.

Jiao F, et al. (2023) Genome-Wide Characterization of Soybean Hexokinase Genes Reveals a Positive Role of GmHXK15 in Alkali Stress Response. Plants (Basel, Switzerland), 12(17).

Azlan NS, et al. (2021) In silico Analysis of Acyl-CoA-Binding Protein Expression in Soybean. Frontiers in plant science, 12, 646938.

Harper L, et al. (2018) AgBioData consortium recommendations for sustainable genomics and genetics databases for agriculture. Database : the journal of biological databases and curation, 2018.