Resource Summary Report

Generated by NIF on Sep 2, 2026

Soybean Ontologies

RRID:SCR_004514
Type: Tool

Proper Citation

Soybean Ontologies (RRID:SCR_004514)

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: controlled vocabulary, data or information resource, ontology

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: 20260829T182208+0000

Ratings and Alerts

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

No alerts have been found for Soybean Ontologies.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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.