

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

Crop Ontology

RRID:SCR_010299

Type: Tool

Proper Citation

Crop Ontology (RRID:SCR_010299)

Resource Information

URL: <http://purl.bioontology.org/ontology/CO>

Proper Citation: Crop Ontology (RRID:SCR_010299)

Description: Ontology that includes crop-specific trait ontologies for several economically important plants like rice, wheat, maize, potato, musa, chickpea and sorghum along with other important domains for crop research such as germplasm, passport, trait measurement scales, experimental design factors etc.

Abbreviations: CO

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

Keywords: obo

Resource Name: Crop Ontology

Resource ID: SCR_010299

Alternate IDs: nlx_157378

Alternate URLs: <http://cropontology.org/>

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260803T040538+0000

Ratings and Alerts

No rating or validation information has been found for Crop Ontology.

No alerts have been found for Crop Ontology.

Data and Source Information

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gogna A, et al. (2025) Order from entropy: big data from FAIR data cohorts in the digital age of plant breeding. TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik, 138(10), 257.

Menda N, et al. (2025) Post-composing ontology terms for efficient phenotyping in plant breeding. Database : the journal of biological databases and curation, 2025.

Mansueto L, et al. (2024) Building a community-driven bioinformatics platform to facilitate Cannabis sativa multi-omics research. GigaByte (Hong Kong, China), 2024, gigabyte137.

Xie C, et al. (2024) PotatoG-DKB: a potato gene-disease knowledge base mined from biological literature. PeerJ, 12, e18202.

Larue F, et al. (2024) Linking genetic markers and crop model parameters using neural networks to enhance genomic prediction of integrative traits. Frontiers in plant science, 15, 1393965.

Cooper L, et al. (2024) Planteome 2024 Update: Reference Ontologies and Knowledgebase for Plant Biology. Nucleic acids research, 52(D1), D1548.

Dumschott K, et al. (2023) Ontologies for increasing the FAIRness of plant research data. Frontiers in plant science, 14, 1279694.

Fernandez-Pozo N, et al. (2015) The Sol Genomics Network (SGN)--from genotype to phenotype to breeding. Nucleic acids research, 43(Database issue), D1036.