## **Resource Summary Report**

Generated by NIF on May 20, 2025

# **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, controlled vocabulary, ontology

Keywords: obo

**Funding:** 

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: 20250519T203607+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**

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 6 mentions in open access literature.

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

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

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

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.

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

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.