



Food and Agriculture Organization
of the United Nations

Sustainable Development Goals:

Indicator 2.5.1.a Number of plant genetic resources for food and agriculture secured in either medium or long term conservation facilities

List of descriptors for reporting on SDG indicator 2.5.1.a

Data reporting for indicators of the Sustainable Development Goals (SDG) is on an annual basis. An Excel table to be filled in and sent to WIEWS@fao.org is sent together with this document or can be downloaded from the [WIEWS home page](#). For further information on the indicator and the type of *ex situ* collections of plant genetic resources to be reported please refer to the [Metadata sheet](#) of the SDG indicator 2.5.1.a or contact WIEWS@fao.org.

Descriptors:

- **Holding institute code/name** (mandatory) - WIEWS code or name of the genebank holding the collection. It corresponds to INSTCODE of the [FAO/Bioversity Multi-Crop Passport Descriptors V.2.1](#) (MCPD).
- **Accession number** (mandatory) - Unique identifier for the accession within the genebank, which is assigned when a sample is entered into the genebank collection (e.g. 'PI 113869'). It corresponds to ACCENUMB in the MCPD.
- **Name of taxon** (mandatory) - Scientific name of the accession, including genus, species and sub-ranking, if any (e.g. *Triticum aestivum* L.; *Vigna unguiculata* subsp. *adensis* Pasquet; etc.). Genus, species, sub-ranking and authority can be optionally reported as four separate descriptors (columns in the Excel file). The authority should be indicated for the lowest taxonomic category reported. It corresponds to the concatenation of GENUS, SPECIES, (SPAUTHOR), SUBTAXA and (SUBTAUTHOR) in the MCPD.
- **Name of crop** - English common name of the crop, if available and/or applicable. It corresponds to CROPNAME in the MCPD.
- **Acquisition date (YYYY/MM)** (highly recommended) - Date on which the accession entered the genebank, where YYYY is the year, MM is the month. It corresponds to the year and month of ACQDATE in the MCPD.
- **Country of origin** (highly recommended) - 3-letter ISO 3166-1 code of the country in which the sample was originally collected (e.g. landrace, crop wild relative, farmers' variety), bred or selected (breeding lines, GMOs, segregating populations, hybrids, modern cultivars, etc.). It corresponds to ORIGCTY in the MCPD.
- **Biological status of accession** (highly recommended) - Available options, which correspond to the main options of SAMPSTAT in the MCPD, are the following:

100 = Wild
200 = Weedy
300 = Traditional cultivar/landrace
400 = Breeding/research material
500 = Advanced or improved cultivar (conventional breeding methods)
600 = GMO (by genetic engineering)

- **Genebank(s) holding safety duplications** (highly recommended) - WIEWS code or name of the genebank(s) where a safety duplicate of the accession is maintained. Multiple values are separated by a semicolon without space. It corresponds to DUPLSITE in the MCPD.

- **Latitude of collecting site (decimal degrees format)** - If available and/or applicable. It corresponds to DECLATITUDE in the MCPD.

- **Longitude of collecting site (decimal degrees format)** - If available and/or applicable. It corresponds to DECLONGITUDE in the MCPD.

- **Collecting/acquisition source** - Available options, which correspond to the main options of COLLSRC in the MCPD, are the following:

10 = Wild habitat
20 = Farm or cultivated habitat
30 = Market or shop
40 = Institute, Experimental station, Research organization, Genebank
50 = Seed company
60 = Weedy, disturbed or ruderal habitat

- **Type of germplasm storage** (mandatory) - Multiple choices are allowed, separated by a semicolon (e.g. 20;30) when the accession is maintained under different types of storage. For details on storage type please refer to [Genebank Standards for Plant Genetic Resources for Food and Agriculture \(FAO 2014\)](#). Available options, which correspond to the relevant options of STORAGE in the MCPD, are the following:

12 = Seed medium term
13 = Seed long term
20 = Field collection
30 = *In vitro* collection
40 = Cryopreserved collection
50 = DNA collection

- **Status under the Multilateral System** (highly recommended) - Status of the accession under the Multilateral System of Access and Benefit Sharing of the International Treaty for Plant Genetic Resources for Food and Agriculture (Treaty). It only applies to countries that are party to the Treaty. Available options, which correspond to the options of MLSSTAT in the MCPD, are the following:

Not included
Included

[Excel table for reporting](#)