#### INS-CGN-PG-010 GENIS: supply of information to users

Information from GENIS is made available to users in different ways. Broadly speaking, there are three streams: via the Internet, via direct contact with CGN staff, and via other databases. All information in GENIS, except information on the distribution of the material and embargoed data, is freely available.

**Via internet**

The CGN has a website managed by the Documentation Project Leader and Documentation Project Officer, in which all available passport data, parallel numbers and phenotypic data are made available as far as they relate to material with 'accessed' status. This information is downloadable in raw form in the form of Excel spreadsheets, but is also largely searchable online. As the website does not provide direct access to GENIS, but to Excel spreadsheets and a database in SQL Server containing a copy of the information in GENIS, technical procedures have been formulated for updating this information. These are set out in the document INS-CGN-PG-016. A short manual is also available describing the actions required to carry out the update (PRT-CGN-PG-504). The GENIS data on the internet are refreshed every two months.

In addition to the information from GENIS, the CGN website offers additional facilities and information. Material can be requested. Part of the phenotypic data have been made searchable online (by combining the data into one score per accession per trait). It is also possible to compile online core selections per crop. General information about the CGN and the collections is also available. The management and editing of these facilities and information are the responsibility of the Documentation Project Manager and the Documentation Project Officer.

**Via staff CGN**

Users and potential users of CGN materials regularly approach CGN staff directly with requests for information. It is up to the staff to decide whether to respond to these requests or to refer the user to the CGN website.

**Via other databases**

Data from GENIS are/were also included in other databases, such as the FAO World Information and Early Warning System on PGRFA, Global Biodiversity Information Facility (GBIF), EURISCO and GeneSys. Such databases use the Integrated Publishing Toolkit (IPT) either the downloadable data on the CGN website, or get the data on request and customised by the Project Leader Documentation or Project Officer Documentation. The management, use and quality of this data is the responsibility of the recipients of the data.

**Via the Integrated Publishing Toolkit (IPT)**

CGN uses an IPT that provides data in a standard format (Darwin Core), see PRT-CGN-PG-503. This IPT is managed by the Dutch branch of GBIF (Global Biodiversity Information Facility), NLBIF.