##### **PRT-CGN-PG-502 PROTOCOL FOR UPDATING THE NATIONAL INVENTORY AND PHENOTYPIC DATA FROM GENIS TO EURISCO**

The EURISCO web catalogue (<http://eurisco.ipk-gatersleben.de>) provides access to all *ex situ* plant genetic resources information in Europe and thus facilitates locating and accessing material. This web catalogue retrieves its passport information from European countries as National Inventories (NI).

In order to keep the information of the collection of plant genetic resources of the CGN up to date in the EURISCO web catalogue, frequently updates of the NI for the Netherlands are made and uploaded to EURICO.

It is also possible to upload phenotypic data to Eurisco.

This document describes the procedure for these activities.

### **Passport data**

The script used for the creation of a NI from GENIS data and the output file can be found in the directory: N:\Documentatie\CGN\_Databases\Genis\_Archief\Genis-Internet\NI.

* *CreateNI.sql*
* *NI.xlsx*.

1. The script *CreateNI.sql* (written in PL/SQL), generates the ORACLE table GNS\_NI\_INVENTORY and can be started from the SQLplus-prompt.
2. The data in file *NI.xlsx* is refreshed (*Data > Refresh All*) and uploaded to the EURISCO database via the intranet of the EURISCO site at: http://eurisco.ipk-gatersleben.de. For this upload one has to log in as user “nld”.
3. A back up of the file *”NI.xlsx”* is made in the directory N:\Documentatie\CGN\_databases\EURISCO\NI whereby an indication of the date of the update of the NI is included in the filename (e.g. NI201707; July 2017).

The NI is created from GENIS and updated to the EURISCO database every two months. In order to keep the contents of the NI up to date with the contents of GENIS-web it is strived to execute these updates together with the update of GENIS-web.

### **Phenotypic data**

The script used for the creation of phenotypic datasets from GENIS data and the output files can be found in the directory: N:\Documentatie\CGN\_Databases\Genis\_Archief\Genis-Internet\NI\CandE.

* C*andEeurisco.sql*
* *NLD037\_DATASET.xlsx*
* *NLD037\_EXPERIMENT.xlsx*
* *NLD037\_GENOTYPE.xlsx*
* *NLD037\_SCORE.xlsx*
* *NLD037\_TRAIT.xlsx*

The script *CandEeurisco.sql* (written in PL/SQL) generates the ORACLE tables

* NLD037\_DATASET
* NLD037\_EXPERIMENT
* NLD037\_GENOTYPE
* NLD037\_SCORE
* NLD037\_TRAIT

and can be started from the SQLplus-prompt.

The data in the Excel files is refreshed (*Data > Refresh All*) and uploaded to the EURISCO database via the intranet of the EURISCO site at: <http://eurisco.ipk-gatersleben.de>. For this upload one has to log in as user “nld”.

The phenotypic data are uploaded once a year.