Pluto Search

PLUTO Search lets you easily search the PLUTO plant variety database and receive instant feedback. By default, the page operates in Term Search mode, or you can click the Denomination search tab to generate denomination similarity reports.

TERM SEARCH

The Term Search tab allows you to search the PLUTO database using any criteria you wish among the following:

1. Enter UPOV Code, botanical name or common name in order to search for the corresponding UPOV Code in GENIE database. Please note that you have to type three characters in order to trigger the search. Then, the system provides a list of suggestions for terms that may match what you are typing, in alphabetic order. When you select one from the list, the greyed fields: UPOV code, Botanical name and common name is automatically populated.

2. Select a search option: By default, the exact match is selected. There are three options:
   • Exact match
   • Extend to upper level
   • Extend to lower levels

   For example, if the user enters “LACTU_SAT” in §1 and chooses “Extend to upper level” in §2, the results should include all varieties of: LACTU_SAT and the corresponding upper level (genus level in this case), i.e. LACTU. However, if the user chooses “Extend to lower levels” in §2, the results should include all varieties of: LACTU_SAT and all the corresponding subspecies, i.e. LACTU_SAT_ANG, LACTU_SAT_CAP, LACTU_SAT_LON.

3. Select one or many options in Record Type:

4. Authority: UPOV member or OECD.

5. Dates: choose the type of date to search for.

6. From: Start date of the search period.

7. To: end date of the search period.

ADVANCED SEARCH

Extra fields can also be specified when you click on Advanced search. An expanded view is displayed.
8. From, To: Calculated exp. date / Expiry date
9. Priority Authority
10. End type
11. Party's name
12. Denomination
13. Breeder’s Reference
14. Trade name

SEARCH
Click the search button to conduct your search

RESET
Click on Reset to reset all fields.

DENOMINATION SEARCH

The denomination search tab allows you to create reports analyzing the denomination you enter and comparing it to other registered denominations in the same denomination class to determine their similarity.

The functioning of this tab is broadly similar to the Term Search tab, but there are a few key differences. To perform a query:

1. Enter a UPOV code, Botanical name or common name into the Crop/Species box

   A list of suggestions are displayed in a dropdown list. Each UPOV code belongs to a variety denomination class, and only denominations in the same class will be compared. You may only enter one UPOV code at a time.

2. Enter the breeder’s reference you wish to analyze in the Breeder’s Reference box.
3. Enter the denomination you wish to analyze in the Denomination box.
4. Select the type of comparison to perform using the Search Type menu. Several different search types are available:
   - **Similarity factor** This will perform an analysis of the denomination you entered on a combination of factors including letters in common, relative lengths of the words and positions of the common letters.
This is the most complex comparison method, and the search may take a few seconds to complete. The similarity factor has been developed by the French GEVES and the Community Plant Variety Office of the European Union (CPVO). However, please note that the results of the search by the similarity factor in the PLUTO database require interpretation and do not provide a guarantee as to the suitability of variety denominations which needs to be decided upon by the authority where the plant breeder’s rights is applied for.

- **Fuzzy** This will search for denominations that contain words spelled one or two characters differently from the terms you entered. This is similar to the Fuzzy match method in the Term Search tab.
- **Phonetics** This will search for denominations that contain words that sound similar to the terms you entered. This is similar to the Phonetic match method in the Term Search tab.
- **Contains** This will search for denominations that contain words that contain the same series of letters as the terms you entered. This is similar to the contains match method in the Term Search tab.
- **Starts** This will search for denominations that contain words that start with the same series of letters as the terms you entered. This is similar to the starts match method in the Term Search tab.
- **Ends** This will search for denominations that contain words that end with the same series of letters as the terms you entered. This is similar to the ends match method in the Term Search tab.

5. Click the search button to conduct your search.

Your results will always be sorted with the most similar denominations listed first, and a summary of the search performed will appear in the Results page.

**RESULTS**

The results page displays the records that match your current search. It is divided into five sections in addition to the advanced features:
2. Columns selected: by default 28 columns are selected and displayed in a default order. You can modify the display by:
   a. changing the column order: to do so, drag and drop into the new location. You can also perform this task directly in the record list (§3).
   b. removing columns: unselect the column

3. The record list shows the specific records that match your current search criteria. Each row displays the contents of each record's fields, as selected in §2. You can click any column header that contains the small arrow icons to sort your results by that column. You can resize each column by dragging the edge of the column header, and re-order the columns by dragging and dropping them into a new location. Clicking on the blue arrow will bring further details of that record.

4. After clicking on , the Filter By area is displayed. It allows you to narrow your search to only particular categories without entering additional search terms:
   c. Record Type: PLUTO currently contains National Listing, Plant Breeder's Right, Plant Patent and Other record types.
   d. Denomination status: Denominations may be either Approved, Published, Proposed or Rejected. Note that not all records have denomination status, so the totals may not match your total number of search records.
   e. End Type: A record's end type may be either SUR (surrendered), WDR (withdrawn), TER (terminated), EXP (expired), REJ (rejected) or DEL (deleted). Note that not all records have an End Type (those that are still in force, for example), so the totals may not match your total number of search records.
   f. Priority Authority
   g. From-to: calculated expiry date, expiry date.
Select one or more categories, then click the ‘Apply Filter’ button b to add/modify the filters applied to your results.

5. You can change your current search criteria and click on refresh to get the updated record list.

DENOMINATION SEARCH RESULTS
In the case of denomination search results, there are two differences compared to the term search results screen:

1. The search “sentence” contains the denomination class information
2. The table contains a field named “Relevance” where the “Similarity Factor” algorithm is used.

ADVANCED FEATURES
The Result page provides access to advanced features. You can save and upload your search criteria, print, and download unlimited amount of records (available for Premium service only).

SAVE SEARCH CRITERIA
If you want to save your search criteria for later use, simply select Save Search Criteria and name the search. You can re-use the search terms by selecting Upload existing search criteria.

Please Note:
- You can have a maximum of 3 saved searches at a time with a Standard service. With the Premium service, you will have the possibility to save unlimited searches.

UPLOAD EXISTING SEARCH CRITERIA
Select Upload existing search criteria and clicking on the name of your search. You can:

1. See the structure of a saved search by clicking on the small arrow to the left of the search name
2. Upload the saved search criteria by clicking on 

3. Delete a previously saved search by clicking on .

PRINT RESULTS
The table of records will be available in a printable format.

ONLY FOR PREMIUM SERVICE: DOWNLOAD

At the bottom of the page, below the list of results, you will find two links that allow you to download the results of your search in Excel data formats. Note that all the results will be included.