

Assignment 4: Homework for the NPGS GRIN-Global before Webinar 4



Revision Date

Thursday, August 22, 2013

This exercise should be completed *before* you attend
the *4th* webinar session.

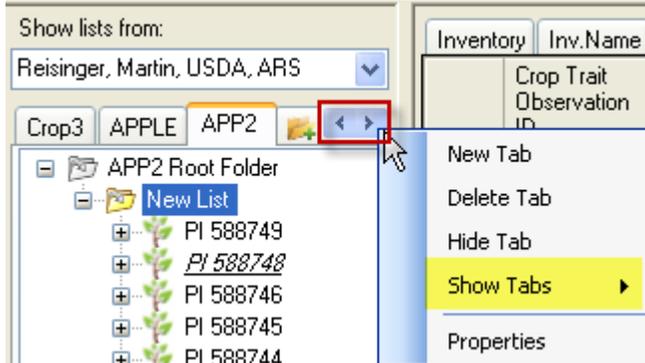
**"Part of the secret of a success in life is to eat what you like
and let the food fight it out inside."**

Mark Twain

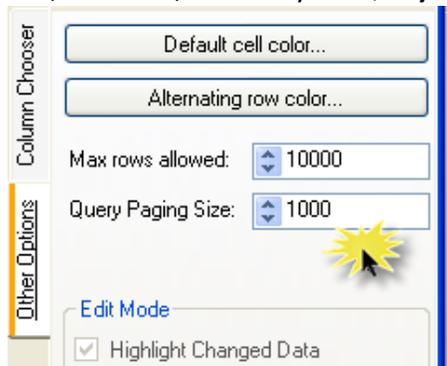


Remember to restrict your searches if possible to control the number of records being returned. Similarly, try to keep your lists smaller. Steps are being taken to improve performance – during this initial training we want you to focus on the functionality and the mechanics of the interface and not get frustrated by long delays.

In the Curator Tool, also check for hidden lists that you may no longer need—delete any that aren't needed. To determine what lists are associated with your User Name, right-click on the left or right icons adjacent to the List Panel Tab names:



And, of course, increase your **Query Paging Size** from the default of 10:



– Thanks! -- marty

In this assignment, we'll use the Public Website (PW), as well as Curator Tool. If you haven't used the PW before, bookmark the following link: <http://training.ars-grin.gov/gringlobal/search.aspx?>

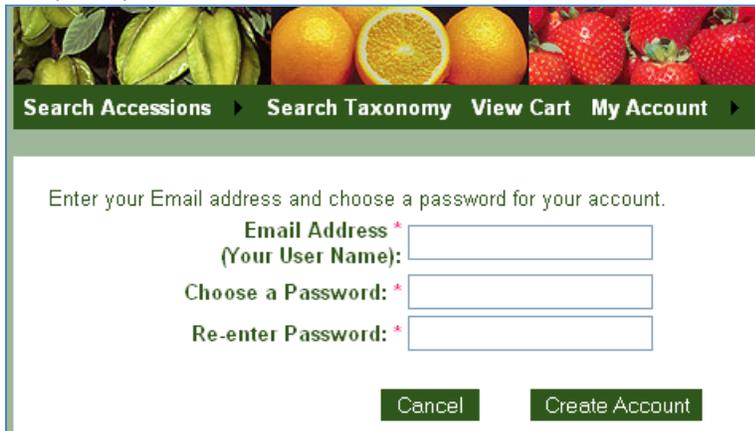
1. Register in the Public Website

Register at the GG Public Website (for the Training Server). For this training server, the conditions that were true for the CT are also true here: you must be on the ARSnet network or be VPN'd. (The exceptions are those that have been granted access via their IP address.)

As a registered user, you will be able to save to your favorites which we will practice in a later step.

Note that the Curator Tool **Username** does not equal the Public Website's **User Name**; in the PW your **User Name** should be your email address. Currently there are no password rules regarding length and

complexity.



We haven't modified the Login / Shopping Cart feature to comply with the USDA requirements – in GRIN Classic a person ordering germplasm must supply his or her information at the time of the order. In GG, we have a shopping cart feature which can be saved and accessed later, as well as a **My Favorites** option.

The registration form is fairly self-explanatory. The following partial form has been filled:



[Logout mar@rrginc.com](#)

GRIN-Global Release 1.6

[Search Accessions](#) ▶ [Search Taxonomy](#) [View Cart](#) [Reports](#) [My Account](#) ▶ [Tools](#) ▶ [Help](#) ▶

[Home Page](#) > [My Account](#)

[My Order History](#) [My Preference](#) [My Address Book](#)

Log-in Information

Login User Name: mar@rrginc.com
Password: ****

[Edit](#) 1

Please review your information below. Make any changes by clicking "Edit" link if necessary.

Requestor Information

[Edit](#) 2

Title:

Organization:

Name:	usda	Shipping Address:	
Address Line 1:	207 m	Shipping Address Line 1:	207 m
Address Line 2:		Shipping Address Line 2:	
Address Line 3:		Shipping Address Line 3:	
City:	lv	Shipping City:	lv
State/Province:	Maryland	Shipping State/Province:	Maryland

To change your password, use the first **Edit** button shown above; to change any data in your profile, use the second **Edit**.

Here is a list of “favorites” from which the user can select at any time and add to his order:

GRIN-Global Release 1.6



Search Accessions > Search Taxonomy > View Cart > Reports > My Account > Tools > Help >
[Home Page](#) > [My Account](#) > [My Favorites](#)

My Favorites

Select	ID	Usage	Comment			
<input type="checkbox"/>	Ames_3244	Send few seed or plants		Edit	Remove	Not Available
<input type="checkbox"/>	Ames_3245	Send when available		Edit	Remove	Not Available
<input type="checkbox"/>	Ames_6303	Send substitutions if possible		Edit	Remove	Not Available
Select All					Remove Selected	Add Selected

2. Practice some Public Website (PW) interface techniques...

Try practicing the following:

- a. Simple searches:*
 - i. PI 600000
 - ii. 600000
 - iii. elderberry
 - iv. Elderberry
 - v. swartz,
 - vi. swartz
 - vii. swartz*
 - viii. Canadensis

* explanations on the last page

- b. Searches with Match All Terms - on /off**
 - i. aronia viking - on
 - ii. aronia viking - off

** explanations on the last page

- c. Multiple Lines (similar to List of Items Options in ST): copy these accession IDs into the search box:
 - PI 652857
 - CSAM 180
 - PI 652859
 - Ames 29436

CSAM 171

Search For: Search

[Search Options](#) | [Advanced Search](#)

Return up to accessions

Match All Terms Allow Multiple Lines Exclude unavailable accessions

Retrieve:

- d. Search for **Helianthus tuberosus** (turn off the multiple line search option). Practice sorting (Sort and Group By **Origin**)

- e. Experiment with the tools available for managing your results. (Remember that you can repeat the search if necessary to start fresh.) For example, select US and UK records and then reverse to keep only the US and UK; show all; try various combinations of filtering...

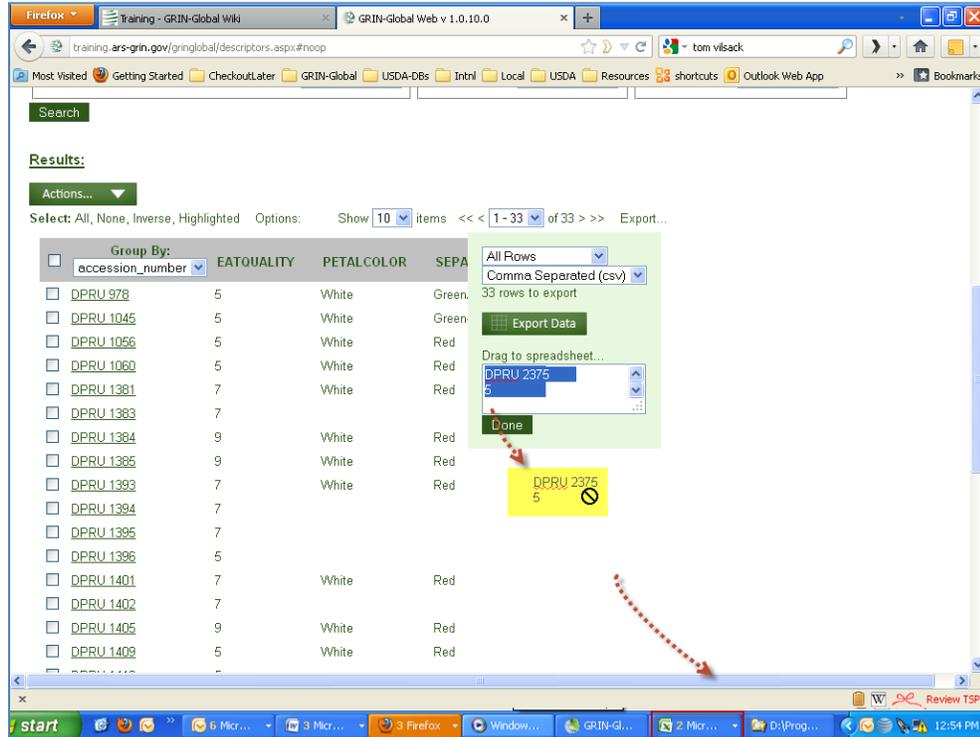
Select: All, None, Inverse, Highlighted

The screenshot shows a search results management interface. On the left, an 'Actions...' dropdown menu is open, showing options: 'Add selected to order' and 'Remove selected from results'. Below the menu is a dropdown for 'Origin'. On the right, a table is displayed with columns: 'Material', 'Maintained By', and 'Availability'. A red box highlights a '+' icon in the top right corner of the table. Below the table, a red box highlights a 'Hide Row' button.

Material	Maintained By	Availability
Cutting	DBMU	Not Available

- f. Try out the Export options.
 - i. Do two exports; change the file types: .csv or .txt

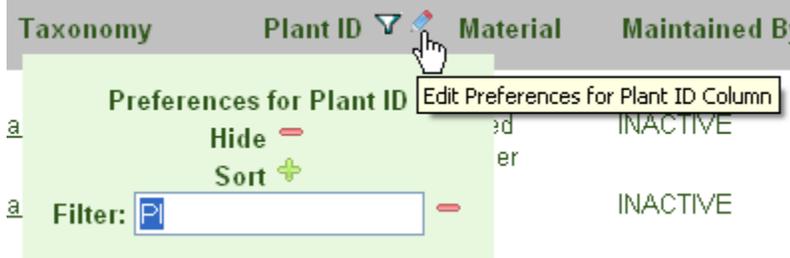
- ii. Drag directly to a spreadsheet. (When you do this, simply click on the highlighted text and drag to the Excel button on the Windows' task bar.)



- g. Practice the Filtering option- click on a column heading to display the **Edit Preferences** icon.



A filter adjacent to the heading indicates a filter has been invoked:



Click the red minus sign icon to remove the filter.

- h. Practice some **Advanced Searches**. These are similar to the QBE searches in the Search Tool.

The screenshot shows the top navigation bar with links: Search Accessions, Search Taxonomy, View Cart, My Account. Below it is a breadcrumb trail: Home Page > Search Accessions > General. The main search area includes a 'Search For:' text box, a 'Search' button, and a 'Search option' dropdown menu where 'Advanced Search' is selected and highlighted with a red box. Below this are two 'Choose Query' dropdown menus, both currently set to '- Select One -'. There are also buttons for 'Add More Criteria' and 'Clear All Criteria'.

- i. For example, select two criteria, such as:

The screenshot shows the 'Query Criteria' section with the search string: 'taxonomy genus name' like 'Helianthus' and 'germplasm repository site' in '(North Central Regional PI Station)'. Below this, the 'Search For:' text box and 'Search' button are visible. The 'Search option' dropdown is set to 'Advanced Search'. The 'Choose Query 1' dropdown is set to 'taxonomy genus name', with a 'Contain' operator and the value 'Helianthus'. The 'Choose Query 2' dropdown is set to 'germplasm repository site', with an 'Equal To' operator and the value 'North Central Regional PI Station'. A list of options for the second query is shown, including 'Natl. Germplasm Repository - Riverside', 'Nicotiana Collection', 'Non-NPGS Security Backup Collection', and 'North Central Regional PI Station'. A 'Clear Criteria 1' button is also present.

- j. Practice some advanced searches on genera with which you are familiar.

III. Public Website: Queries on Observations

The screenshot shows a search interface with a header image of various fruits and flowers. The navigation bar includes: Search Accessions, Search Taxonomy, View Cart, Reports, My Account, Tools, Help. The breadcrumb trail is: Search - General > Search Accessions > General. The main search area has a 'Search - Descriptors' text box, a 'Search' button, and a 'Search GRIN-Global via Descriptors' link. Below this, there are search options: 'Return up to 500 accessions', checkboxes for 'Match All Terms' (checked), 'Allow Multiple Lines', and 'Exclude unavailable accessions', and a 'Retrieve:' dropdown menu set to 'Web Search Overview'.

Use the Public Website to explore descriptors and learn how to find accessions based on two or more observations. For example:

Query Criteria:
Crop: APRICOT
EATQUALITY Greater Than 3;
PETALCOLOR Equal To ALL VALUES;
SEPALCOLOR Equal To ALL VALUES;

Choose Crop: APRICOT
APRICOT

Choose descriptor(s):

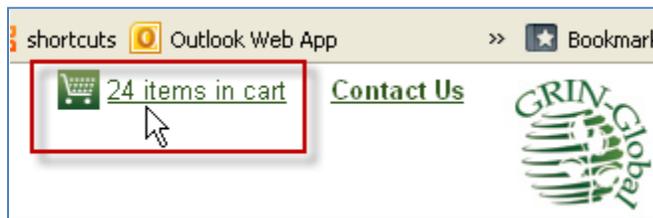
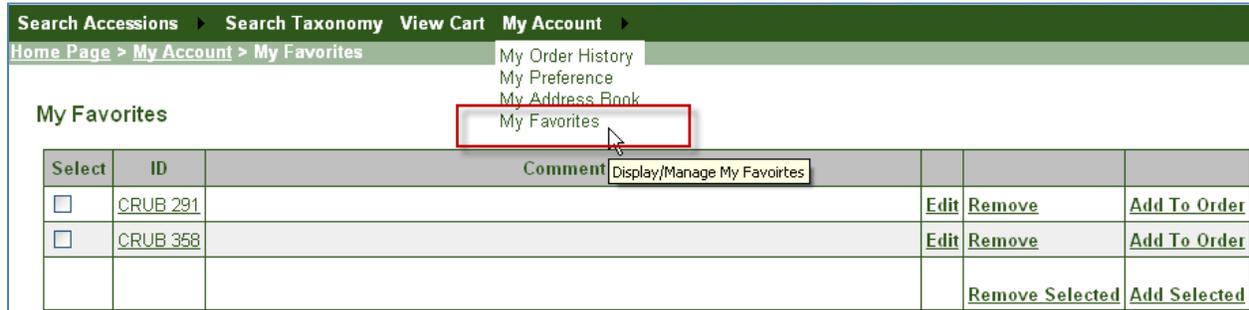
Select descriptor values:

EATQUALITY (64) 1=Extremely poor (Hellin) 3=Poor (Morden 604) 5=Fair (Canino, Goldrich) 7=Good (Rouge de Roussillon, Harglow) <input type="button" value="Greater Than"/>	PETALCOLOR (58) Lt Pink Pink Pink-White White <input type="button" value="(Any)"/>	SEPALCOLOR (58) Green Green/Red Green-Red Red <input type="button" value="Equal To"/>
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Work with crops with which you are familiar. Practice by making several queries, using different criteria.

IV. Practice Using My Favorites and the Shopping Cart

If you registered and are logged in, you can select records and add them to either **My Favorites** or the **Shopping Cart**. Practice working with both features. (Note: this Training Server is not “live” so real orders will not be sent to the NPGS germplasm sites.)

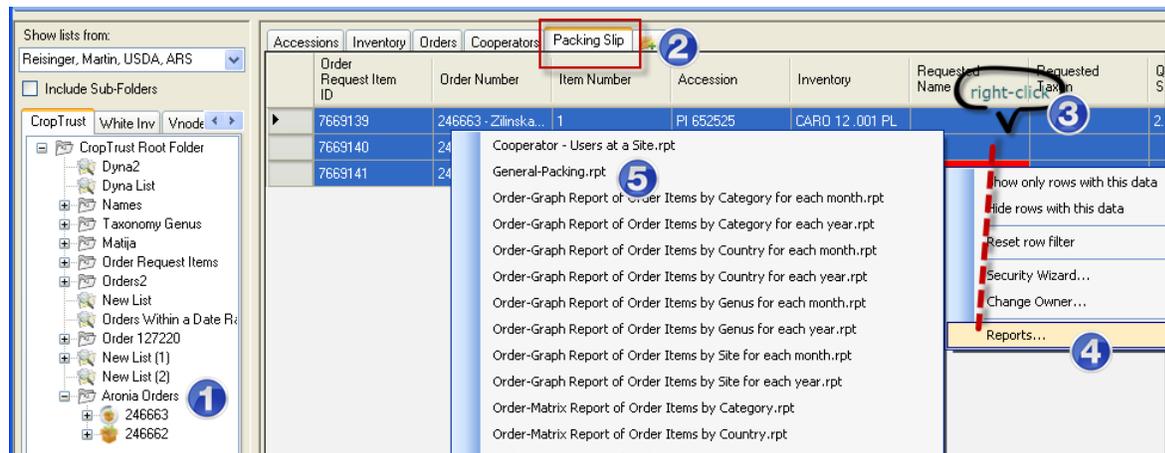


V. Run Some Reports

In the Search Tool, find some Orders and create a list for them in the Curator Tool.

Read and follow the [directions for installing report files](#). Besides instructions for installing some additional .rpt files which you currently do not have on your PC, the document includes an overview on reports as accessed in the Curator Tool. Your Curator Tool only has a few report files installed – by following these directions, additional reports will be installed.

Open the **Order Packing** dataview, and run a packing or pick list report. Then try running some of the other reports.



Explanations

2. a. Try practicing the following:

- a. Simple searches:
 - i. PI 600000
 - ii. 600000
 - iii. elderberry
 - iv. Elderberry
 - v. swartz,
 - vi. swartz
 - vii. swartz*

i and ii produce the same results;

iii and iv: MS SQL Server is case insensitive – so **e** and **E** are treated the same

v, vi, and vii: in v., the search is looking for the string **swartz,** If you had looked at places on the screen where there is cooperato info, this might seem valid.

Source History

- Accession was developed. 1981. Maryland United States
Developers:
 1. [Galletta, G. J., USDA, ARS](#)
 2. [Draper, Arlan D.,](#)
 3. [Swartz, Harry Jan, University of Maryland](#)

For example:

but the name data is stored in two fields: last name in one, the first name in another . The comma was added in the display for readability.

swartz* finds 35 records, because the wildcard – the asterisk – indicates to the search that there can be additional text after the string “swartz” whereas **swartz** (with no wildcard) finds only 24 records, because it is looking specifically for the string “swartz” (with no trailing characters).

2 . b. With “OFF” – The search **aronia viking** finds Plant Name VIKING and taxonomy Pisum sativum because it is essentially an OR condition – find records with either aronia or Viking.