

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



Revision Date

Wednesday, July 25, 2013

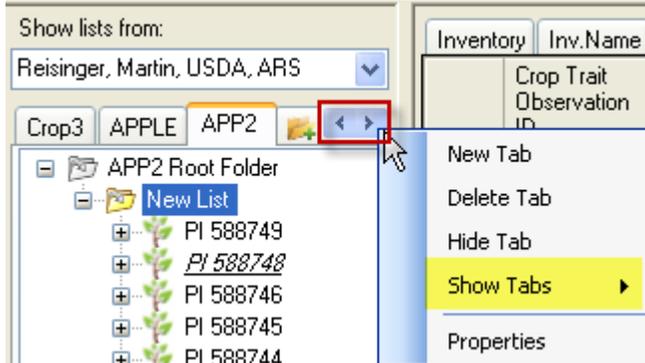
This exercise should be completed *before* you attend
the 4th webinar session.

**"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**

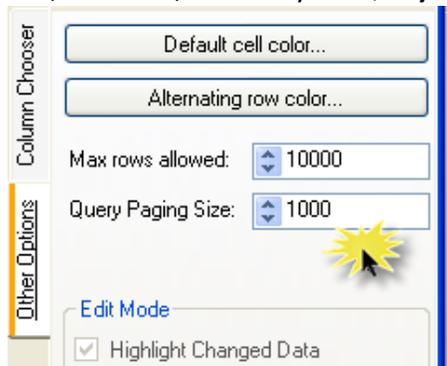


Remember to restrict your searches if possible to control the number of records being returned. Similarly, try to keep your lists smaller. Steps are being taken to improve performance – during this initial training we want you to focus on the functionality and the mechanics of the interface and not get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

Search Accessions ▶ Search Taxonomy View Cart My Account ▶

Enter your Email address and choose a password for your account.

Email Address *
(Your User Name):

Choose a Password *

Re-enter Password *

Cancel Create Account

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 [Edit](#) 1

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

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

Requestor Information [Edit](#) 2

Title:

First Name: martin
Last Name: reisinger

Organization:

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

Shipping Address:

Shipping Address Line 1: 207 m
Shipping Address Line 2:
Shipping Address Line 3:
Shipping City: lv
Shpping 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...

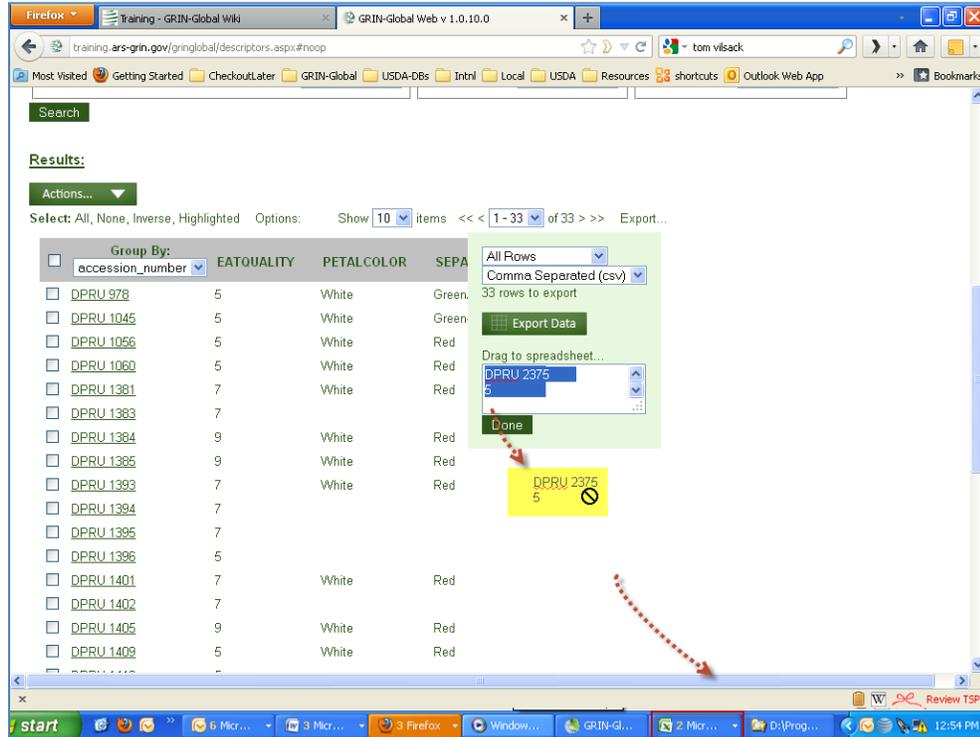
Select: All, None, Inverse, Highlighted

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 'Availability' column. 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

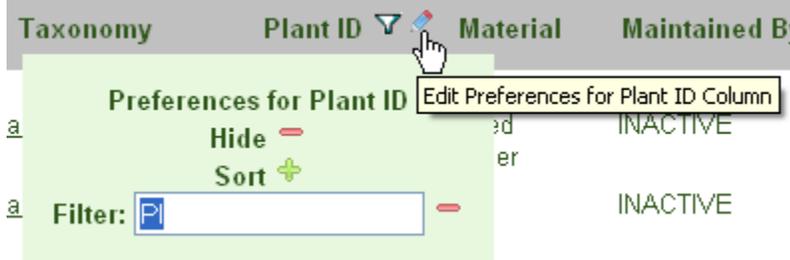
- ii. Drag directly to a spreadsheet. (When you do this, simply click on the highlighted text and drag to the Excel button on the Windows' task bar.)



- 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.

Search Accessions > Search Taxonomy View Cart My Account >

Home Page > Search Accessions > General

Search For: Search ?

Search option | **Advanced Search**

Choose Query 1: Clear Criteria 1

Add More Criteria Clear All Criteria

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

Query Criteria:
 Search String:
 'taxonomy genus name' like 'Helianthus'
 'germplasm repository site' in ('North Central Regional PI Station')

Search For: Search ?

Search option | Advanced Search

Choose Query 1: Clear Criteria 1

Choose Query 2:

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

III. Public Website: Queries on Observations

Search Accessions > Search Taxonomy View Cart Reports My Account > Tools > Help >

Search - General Search Accessions > General

Search - Descriptors Search ?

Search GRIN-Global via Descriptors | Advanced Search

Return up to accessions

Match All Terms Allow Multiple Lines Exclude unavailable accessions

Retrieve:

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 [v] [New Search]

Choose descriptor(s): [Clear Descriptor Choices]

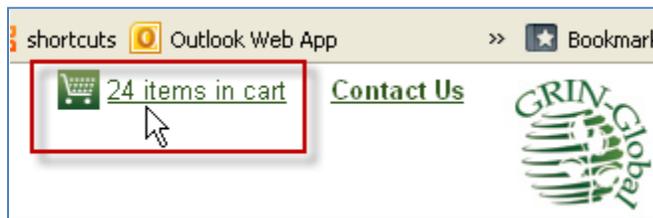
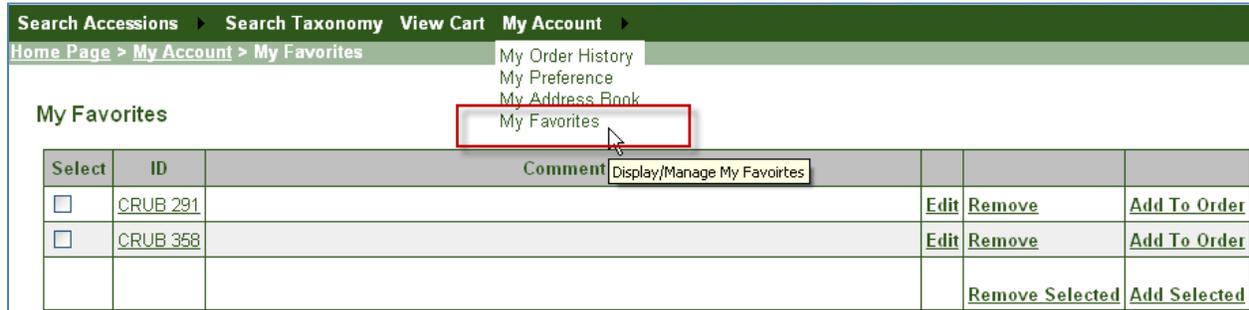
Select descriptor values: [Clear Descriptor Values]

EATQUALITY (64) 1=Extremely poor (Hellin) [v] 3=Poor (Morden 604) [v] 5=Fair (Canino, Goldrich) [v] 7=Good (Rouge de Roussillon, Harglow) [v] [Greater Than v] [Search]	PETALCOLOR (58) Lt Pink [v] Pink [v] Pink-White [v] White [v] [(Any) v]	SEPALCOLOR (58) Green [v] Green/Red [v] Green-Red [v] Red [v] [Equal To v]
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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

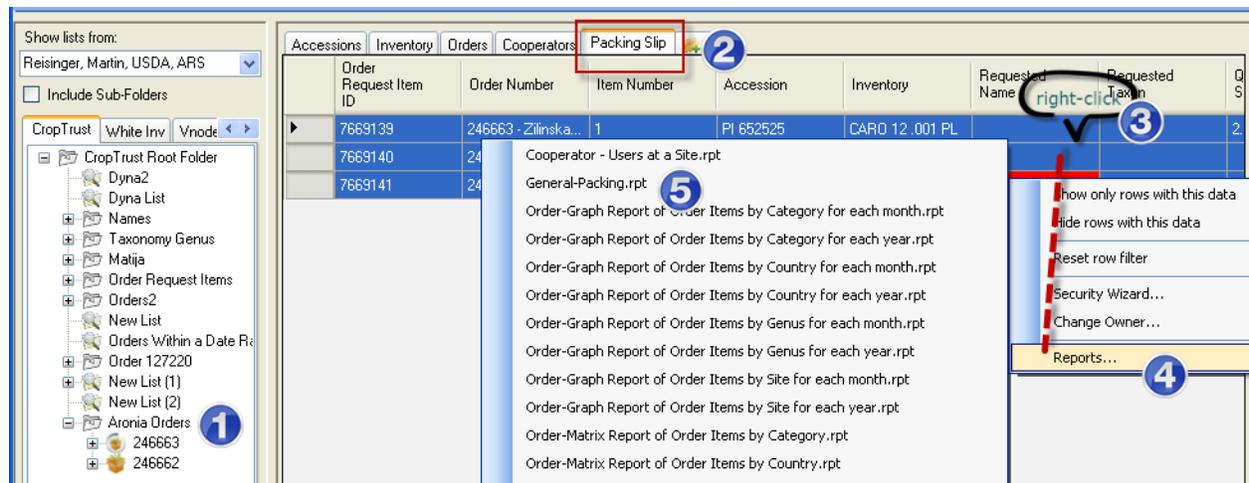
If you registered and are logged in, you can select records and add them to either **My Favorites** or the **Shopping Cart**. Practice working with both features. (Note: this Training Server is not "live" so real orders will not be sent to the NPGS germplasm sites.)



V. Run some Reports

In the Curator Tool, find some Orders and create a list for them. Open the Packing-Slip dataview, and run a packing or pick list report.

Note: In the demo on 724, when I opened reports I had a bunch available to me. We are currently in the process of doing a new build to include these; when the build is ready I will send an email announcement and you can then checkout these 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.