

Assignment 5: Homework for the NPGS GRIN-Global before Webinar 5



Revision Date
March 22, 2012

This exercise should be completed *before* you attend
the 5th webinar session.

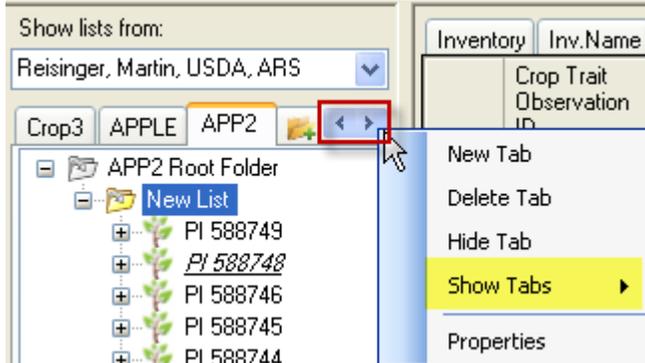
**“Part of the secret of a success in life is to eat what you like
and let the food fight it out inside.”**

Mark Twain

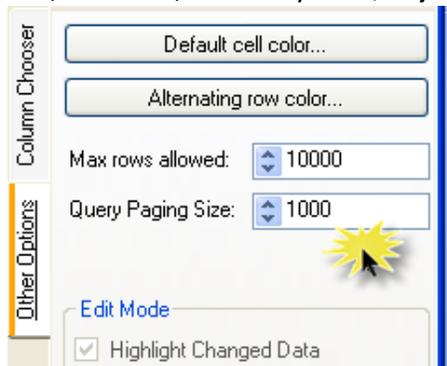


Remember to restrict your searches if possible to control the number of records being returned. Similarly, try to keep your lists smaller. Steps are being taken to improve performance – during this initial training we want you to focus on the functionality and the mechanics of the interface and not get 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 Curator Tool (CT), as well as the Public Website (PW). If you haven't used the PW before, bookmark the following link: <http://training.ars-grin.gov/gringlobal/search.aspx?>

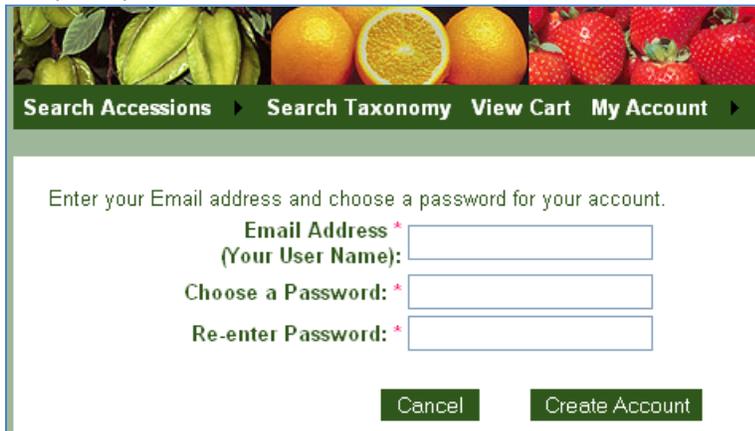
1. Register in the Public Website

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

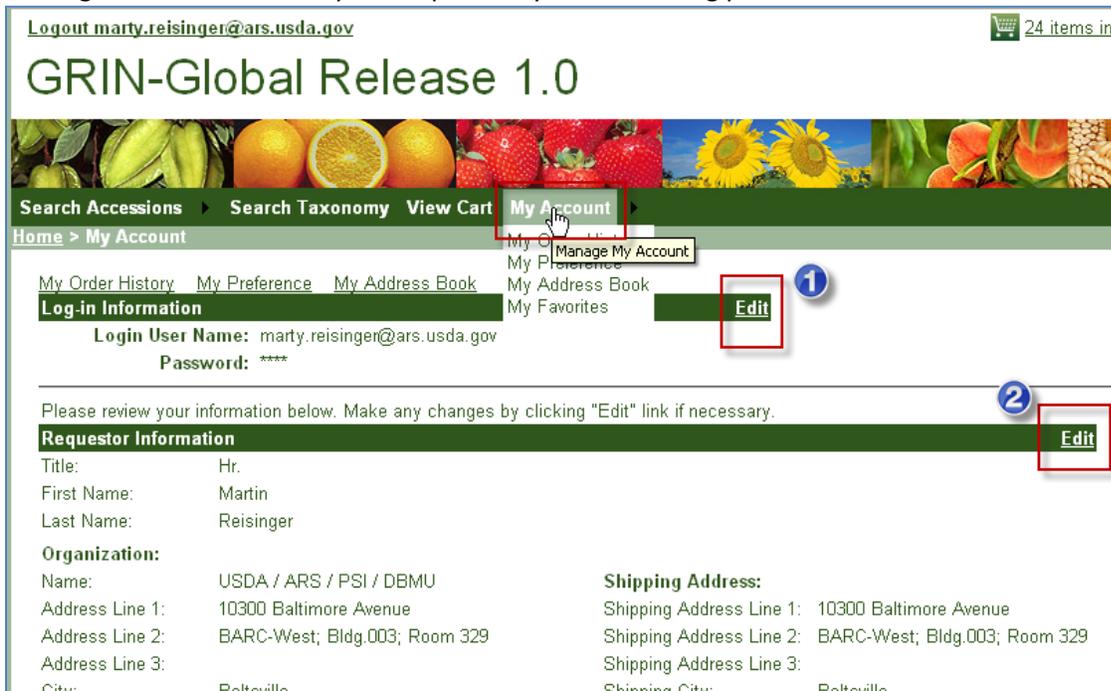
complexity.



The screenshot shows a registration form with a header banner of various fruits. Below the banner is a navigation bar with links: Search Accessions, Search Taxonomy, View Cart, and My Account. The main content area contains the text: "Enter your Email address and choose a password for your account." followed by three input fields: "Email Address * (Your User Name):", "Choose a Password: *", and "Re-enter Password: *". At the bottom are two buttons: "Cancel" and "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:



The screenshot shows a user's account page. At the top, it says "Logout marty.reisinger@ars.usda.gov" and "24 items in". The main heading is "GRIN-Global Release 1.0". Below this is a navigation bar with links: Search Accessions, Search Taxonomy, View Cart, and My Account. The "My Account" link is highlighted, and a dropdown menu is open showing options: My Order History, Manage My Account, My Preferences, My Address Book, and My Favorites. The "Manage My Account" option is highlighted with a red box and a circled "1". Below the navigation bar, the user's login information is displayed: "Login User Name: marty.reisinger@ars.usda.gov" and "Password: ****". There is an "Edit" button next to the password field, highlighted with a red box and a circled "1". Below this, a message says: "Please review your information below. Make any changes by clicking 'Edit' link if necessary." There is another "Edit" button at the end of this message, highlighted with a red box and a circled "2". The main content area is titled "Requestor Information" and contains the following details:

Requestor Information	
Title:	Hr.
First Name:	Martin
Last Name:	Reisinger
Organization:	
Name:	USDA / ARS / PSI / DBMU
Address Line 1:	10300 Baltimore Avenue
Address Line 2:	BARC-West; Bldg.003; Room 329
Address Line 3:	
City:	Beltsville
Shipping Address:	
Shipping Address Line 1:	10300 Baltimore Avenue
Shipping Address Line 2:	BARC-West; Bldg.003; Room 329
Shipping Address Line 3:	
Shipping City:	Beltsville

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:



Search Accessions ▶ Search Taxonomy View Cart My Account ▶

Home > My Account > My Favorites

My Favorites

Select	ID	Comment			
<input type="checkbox"/>	CRUB_291		Edit	Remove	Add To Order
<input type="checkbox"/>	CRUB_358		Edit	Remove	Add To Order
				Remove Selected	Add Selected

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

Try practicing the following:

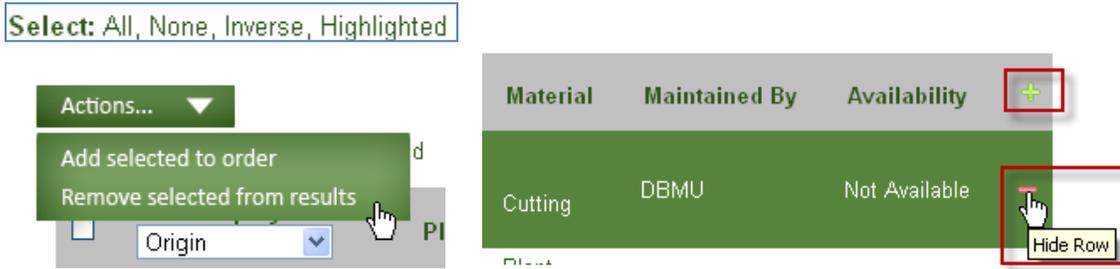
- a. Simple searches:
 - i. 508270
 - ii. elderberry
 - iii. canadensis

- b. Change the Search Option to return up to 1000 accessions
 - i. search again for Canadensis
(Note: these simple searches are text searches, similar to the Search Tool’s Textbox search, resolving to Accessions; invoking the Search from the menu clears the previous search)

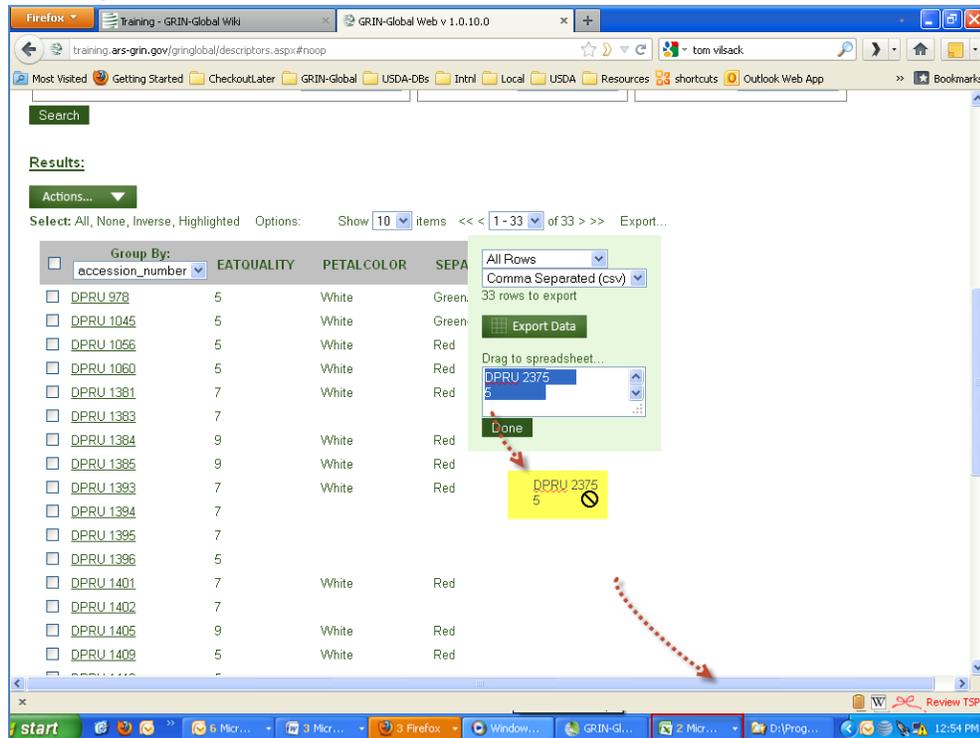
- c. Multiple Lines (similar to List of Items Options in ST): copy these accession IDs into the search box:
 - PI 652857
 - CSAM 180
 - PI 652859
 - Ames 29436
 - CSAM 171

- 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 and try various combinations of filtering...



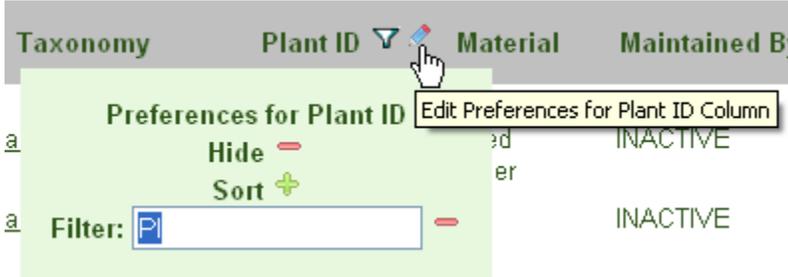
- f. Try out the Export options.
- Do two exports; change the file types: .csv or .txt
 - Drag directly to a spreadsheet. (When you do this, simply click on the highlighted text and drag to the Excel button on the Windows' task bar.)



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

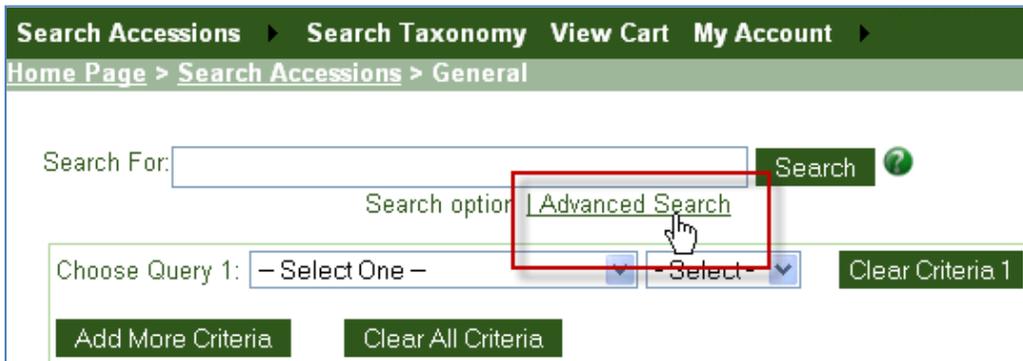


A filter adjacent to the heading indicates a filter has been invoked:

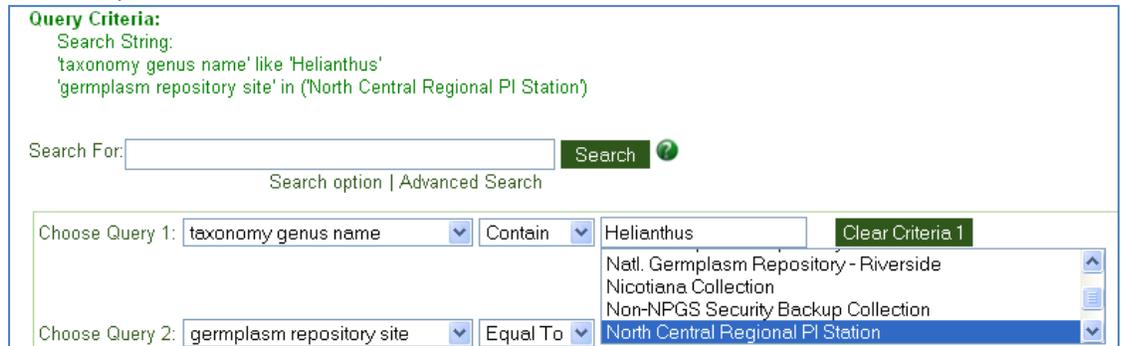


Click the red minus sign icon to remove the filter.

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



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



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

III. Public Website: Queries on Observations

GRIN-Global Release 1.0



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;

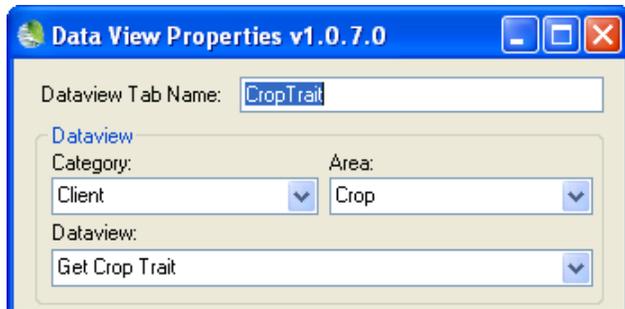
Choose Crop: APRICOT
APRICOT

Choose descriptor(s):

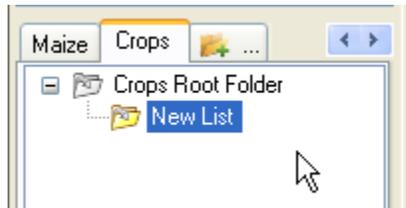
Select descriptor values:

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



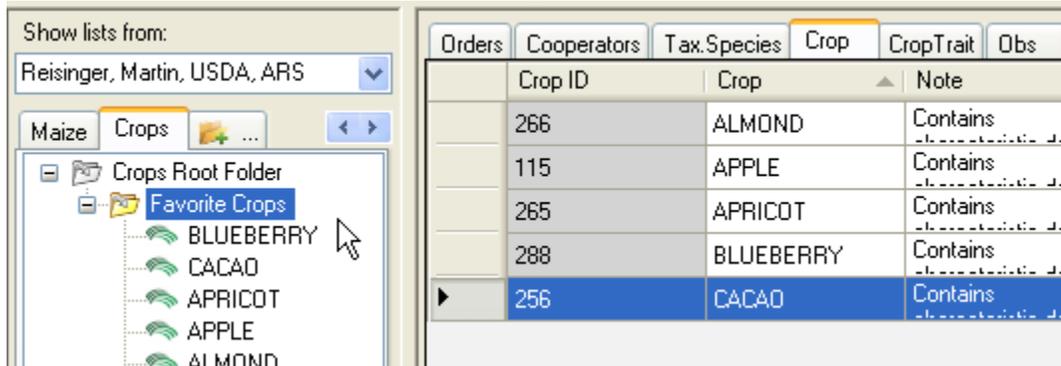
- b. Create a new Tab folder in the left List Panel – name it “Crops.”



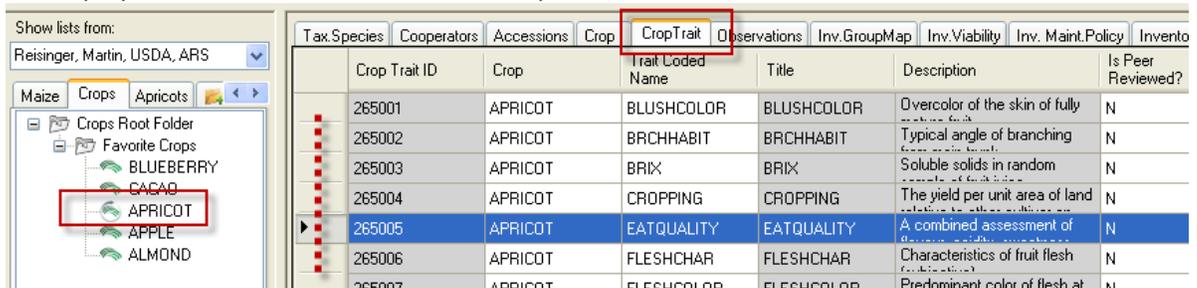
- c. On the grid panel on the right, display the Crop dataview; select several of your “favorite” crops (use Ctrl and click to select multiple rows) and drag to your new folder:

Crop ID	Crop	Note	Created
71	ALLIUM-WILD	Contains data on	8/4/199
266	ALMOND	Contains	1/29/20
159	AMARANTH	Contains	1/12/19
119	APIUM	Contains	8/4/199
115	APPLE	Contains	8/4/199
265	APRICOT	Contains	1/29/20
130	ASTRAGALUS	Contains	8/4/199
184	BAMBARA-GROUNDNUT	Contains	2/26/19
251	BAMBOO	Contains	5/11/20
1	BARLEY	Contains	8/4/199
127	BARLEY-GENETICS	Contains	8/4/199
253	BASSIA	Contains	10/24/2
285	BLACKBERRY	Contains	7/11/20
286	BLACK-RASPBERRY	Contains	7/11/20
288	BLUEBERRY	Contains	7/11/20
138	BRASSICA	Contains data on	8/4/199

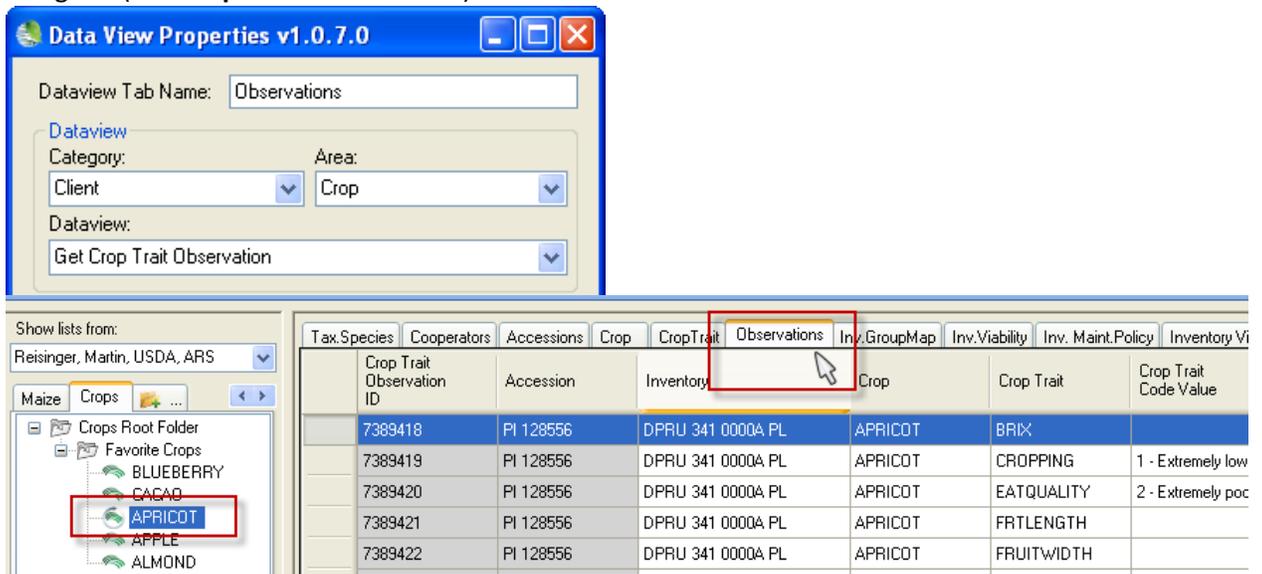
- d. Rename the **New List** folder to **“Favorite Crops”**



- e. Select your **Favorite Crops** folder on the left panel. In the datagrid on the right, display the **Crop Trait** dataview. As you select each individual crop item in the left panel, the datagrid on the right will display the traits associated with that crop.

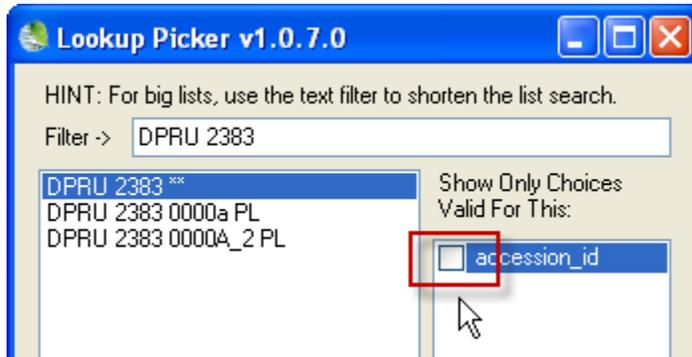


- f. Select one of your favorite crop items on the left panel. Display another dataview in the datagrid: (**Get Crop Trait Observation**) – name it: **Observations**



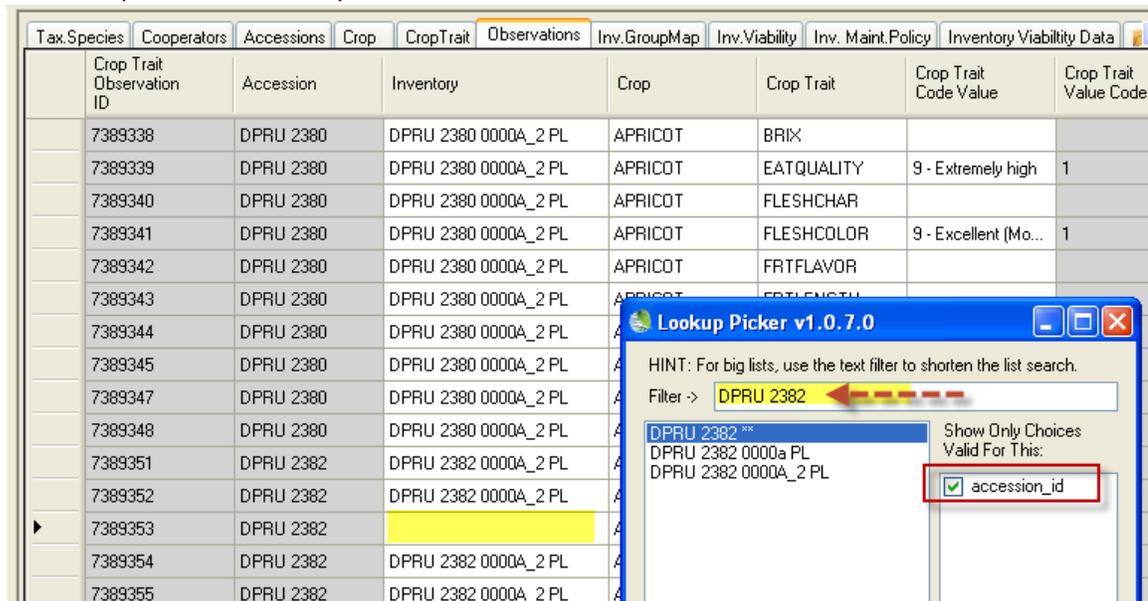
- g. Add one or two new observations for the relevant inventory.

Using the example shown here, I would select one of the real inventory items. When *adding a new observation*, you must *de-select* the **accession_id** filter, because the accession_id for a new record at that point has not been determined.



- h. Edit an existing observation.

When *editing an existing* observation, keep the **accession_id** filter *selected*, and then backspace to list the potential inventory for that accession.



In closing, I should mention that a Crops Wizard is currently being designed to facilitate working with Crops, Traits, and Observations.

Any questions? Send to feedback@grin-global.org.