Reports in GRIN-Global



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Document Overview

When speaking or reports and Grin-Global, people frequently use the word "reports" in different ways. This document documents GG Public Website reports and SQL queries.

Click on the report type to jump to the respective documentation:

- Curator Tool reports (link to the online guide)
- Public Website reports
- <u>SQL queries</u>

Comments/Suggestions

Please contact Martin Reisinger at either marty.reisinger@ars.usda.gov or <u>mar@rrginc.com</u> with any suggestions or questions related to this document. The Appendix contains <u>revision notes</u> pertaining to this document.

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Public Website Reports

Public Website Reports Menu Option

The Public Website (PW) **Reports** menu option displays a dropdown of reports. What is listed in the dropdown depends on the user account. Genebank staff users who are logged in and who have had their CT account connected to their PW account will have access to "internal" reports. Typically, only a genebank's staff will have access to these internal reports.

Public Reports	(visible to	everyone)
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	U.S. Nationa	al Plant Germplasn	n System			
Accessions De	scriptors Reports	GRIN Taxonomy -	GRIN ▼	Help	Contact Us	Your Profile 🕶
Select a report using either the list of all re	ports, or find by	category.				
All Reports by Category	Re	set Reports				
	· ·					
List of all reports						
Select report	A					
Select report	A					
Accessions Available From a Site						
Crop Traits and Codes						
Crop/Descriptor List for a Genus or Species						
Statistics Report - Jount) by Country	http://www.collections.to.a.	country or community of origin	m averially f	ollowing r	atural or man mad	
Statistics Report (Accessions Count) by Genus	e highest priority, t	he NPGS also encourages vari	ious seed-sav	er organiza	tions and public g	ardens to conduct germ

Internal Reports

Note that the **Reports by Category** button is activated. This will happen only when (a) you are logged in and (b) your account has been enabled by the GG database administrator for these internal reports.

				U.S. Nat	tional Plant Germ	plasm Sy	stem			
		Accessions	Descriptors	Reports	GRIN Taxonomy -	GRIN ▼	Help	Contact Us	Tools ▼	Your Profile 🕶
Select a report us All Reports Reports by cate	ing eith	ner the list c	of all report	s, or find	d by category. Reset Reports					
Select category	5 5	Select repor	t							
Accession	^	Accession	Accessions Available From a Site							
Cooperator		Accession	Accessions Without a Specific Trait							
Crop		Fieldbook	Fieldbook in CSV Format							
Inventory		Statistics	Statistics Report (Accessions Count) by Country							
Method		Statistics	Statistics Report (Accessions Count) by Genus							
Order		Statistics	Statistics Report (Accessions Count) by Species							
Site		Statistics	Statistics Report by Country for Genus or Species							
Taxonomy		Svalbard I	Svalbard List Generation							
Uncategorized	\checkmark					~				



[This note is for GG administrators.] In the Admin Tool, the dataviews for Web Reports have a "Configuration Options" parameter on the **Properties** tab. The text "external" indicates that this is a report that will be listed for all PW users. If "external" isn't specified, the report may be listed for users who are considered "internal." In order to see these internal reports, the user must be logged in with a Public Website account that has been associated to his CT user account (via the Web Login tab on the user's cooperator Information window).

System Web Application Web Reports Mey acc, missing obs	docession_pr accession_op* and is_distributable = 'Y' and i.form_type_code != '*** < <	~
web_gry_accession_statistics_by_country web_gry_accession_statistics_by_country web_gry_cooperator_collector_donor_developer web_gry_order_jabel web_gry_order_jabel web_gry_order_jabel_g9 web_gry_order_detail Data Triggers Web Application	Fields Parameters Properties Titles Preview Dataview Name: web_gry_avalf_accession_at_site Flags and Settings Is Read Only Field for Names: Is Read Only Is Read Only On Insert Field for Values: Database Area: (None) Field for Captions: Order: 0 Extended] ~ ~ ~

SQL Queries ("Reports")



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This feature is only available to internal users, that is, users who have had their Curator Tool account connected with their Public Website account. Only the GG DBA can connect these accounts, via the Admin Tool.

When a user has access to the **Web Query** feature on the Public Website, the user may submit SQL queries that do not update data.

It is recommended that organizations consider creating a library of these SQL queries for users to share. The U.S. NPGS has an introductory guide to writing SQL and a sample library online at <u>https://www.grin-global.org/sql_examples.htm</u>

Overview: SQL and the Public Website

Genebank staff who have had their Public Website account connected to their Curator Tool account, when logged into the Public Website, will have the **Tools** option visible on the menu. From there, select **Web Query** to display the box for inputting SQL:



(for GG administrators) The organization's GRIN-Global administrator is the only person with the authority to connect the two accounts (via the GG Admin Tool). Generally, users do not see the **Tools** menu option, but an organization's GG administrator can enable specific internal users to have access to Tools, which includes the SQL query feature. (The administrator adds the user to the **Web Query Users** group.)

Log in; select **Tools** | **Web Query** You can copy or type valid SQL in the box as shown:

U.S. National Plant Germplasm System						
Accessions Descriptors Reports GRIN Taxonomy + GRI	IN • Help Contact Us Tools • Your Profile •					
USDA Introduces a Multi-Year Plan to Strengthen U.S. Geneba	Web Query Create Query Main menu					
Enter SQL	Load SQL from fi Download Curator Tool					
Only select queries are allowed SELECT table_name, field_name, stf.owned_date Save SQL FROM sys_table st JOIN sys_table_field stf ON stf.sys_table_id = st.sys_table_id ORDER BY stf.owned_date DESC	After choosing a file, click the upload button and will appear in the textbox to the left. Browse No file selected. Upload					
Limit rows to: 1000 Clear all Execute SQL						

Appendix A: Document Revision Notes

– February 9, 2024

• removed CT reports to avoid redundancy with the CT Report guide

– June 15, 2023

• Major rewrite with many new images to reflect the changes implemented in v1.23.1.26

- April 28, 2023

- Included new information on file locations impacted by changes implemented in v1.23.1.26
- Included directions on using the CT's new Reports Manager

- November 29, 2021

• updated PW images and minor text revision regarding internal reports

– May 18, 2021

• updated link to the Reports Installation Guide text and illustrations

- October 26, 2020

• added notes regarding the new **Create Local Reports Table** feature added in 1.9.9.8Elaborated section on report mapping with additional text and illustrations

– June 4, 2019

• Elaborated section on report mapping with additional text and illustrations