

# How to Change Information on the Public Website Site Page

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## Revision Date

June 29, 2023

## Author

Martin Reisinger

In GRIN-Global, on the Public Website, page for each distribution site exists. The data for this page is stored in several inter-related tables; this document explains how this data can be added / updated.

## Comments/Suggestions

Please contact Marty Reisinger at either [marty.reisinger@ars.usda.gov](mailto:marty.reisinger@ars.usda.gov) or [mar@rrginc.com](mailto:mar@rrginc.com) with any suggestions or questions related to this document.



Complete documentation on many aspects of GRIN-Global is available online at the GRIN-Global website's documentation page: <https://www.grin-global.org/userdocs.htm>. Recommended: bookmark this page, and avoid printing, as the GG documents are under an ongoing revision process.

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## Background

The Public Website refers to a site page in several places. The data used by the page is determined by programmed logic and has a legacy that was based on previous GRIN software. Unfortunately the data is not stored in only one table, but is determined based on some legacy relationships. This document will explain where the various data comes from and which tables to use to access the data.

The relevant records that should be kept up to date are in the **Cooperator** and the **Cooperator Map** tables. A CT user included in the **Manage\_Cooperator** permission group can update any record in these two tables. For specific how-to instructions refer to the sections [To add a curator](#) and [Edit the Cooperator Map](#) for more details.



## GG Public Website Site Page

Many screens display a link to a site (repository) page, such as the following:

If your results aren't what you expected, try using the Advanced Search tab and filling in more information.  
Your query included: **All accessions**  
Repository: Western Regional PI Station – W6

☐ **View Observation Data**

Selected item(s) below: [Add to Cart](#) [View Accession Details](#)

Basic Info	Source Info	Show all columns	Show/hide columns	Show 10 rows	Excel	Search:
Showing 1 to 10 of 10 entries						Previous
<input type="checkbox"/>	ACCESSION	NAME	TAXONOMY	ORIGIN	REPOSITORY	IMAGE
	<input type="text" value="Search ACCESS"/>	<input type="text" value="Search NAM"/>	<input type="text" value="Search TAXONO"/>			
<input type="checkbox"/>	PI 655681	Yugo# 10	<i>Trifolium patulum</i> Tausch	Former Serbia and Montenegro	<a href="#">W6</a>	
<input type="checkbox"/>	PI 655685	Yugo# 7	<i>Trifolium</i>	Former Serbia and	<a href="#">W6</a>	

U.S. National Plant Germplasm System

[Accessions](#) [Descriptors](#) [Reports](#) [GRIN Taxonomy](#) [GRIN](#) [Help](#) [Contact Us](#) [Tools](#) [Your Profile](#)

**Western Regional PI Station**

USDA-ARS, Western Regional Plant Introduction Station  
201 Clark Hall  
Washington State University  
MS 6402  
Pullman, Washington 99164-6402  
Phone: 509-335-1502

[w6@ars-grin.gov](mailto:w6@ars-grin.gov)

**Curator(s)**

Clare Coyne  
(Pea, Cool Season Food Legumes)  
[clarice.coyne@usda.gov](mailto:clarice.coyne@usda.gov)

Sarah Dohle  
(Common Bean)  
[Sarah.Dohle@usda.gov](mailto:Sarah.Dohle@usda.gov)

Paul Galewski  
(Cool Season Grasses & Safflower)  
[paul.galewski@usda.gov](mailto:paul.galewski@usda.gov)

Site pages can be displayed directly using the following URL as a template:

<https://npgsweb.ars-grin.gov/gringlobal/site?id=1>

where the red number indicates the site's site\_id from the site table:

Site	Accession	Accession Action	Inventory	Site W6 Inventory	Accession Inventory Name	Inventory Maintenance Policy	Inv
	Site ID	Site Short Name	Site Long Name	Provider Identifier	Organization Abbreviation	Is Internal?	
▶	1	COT	Cotton Collection	00AX14	COT	Y	
	2	BRW	Natl. Germplasm Repository - Brown...	00AX14	BRW	Y	
	3	COR	Natl. Germplasm Repository - Corvallis	00AX14	COR	Y	
	4	DAV	Natl. Germplasm Repository - Davis	00AX14	DAV	Y	
	5	GEN	Natl. Germplasm Repository - Geneva	00AX14	GEN	Y	
	6	HIL	Natl. Germplasm Repository - Hilo	00AX14	HIL	Y	

Site W6 is used in the following example and the lettered components are expanded below..

**GRIN-Global** U.S. National Plant Germplasm System -- CBO Training Site

Version: 2.3.0.3 Accessions Descriptors Reports GRIN Taxonomy GRIN Help Contact Us Your Profile

**Western Regional PI Station** **A**

USDA-ARS, Western Regional Plant Introduction Station  
Washington State University  
Regional Plant Introduction Station  
59 Johnson Hall, P.O. Box 646402 **B**  
Pullman, Washington 99164-6402  
Phone: (509) 335-1502  
Fax: 509-335-6654

[w6@ars-grin.gov](mailto:w6@ars-grin.gov) **C**

**Curator(s)** **D**

Vicki Bradley **E**  
(Cool Season Grasses & Safflower)  
[vicki.bradley@ars.usda.gov](mailto:vicki.bradley@ars.usda.gov)

Clare Coyne  
(Pea, Cool Season Food Legumes)  
[clarice.coyne@usda.gov](mailto:clarice.coyne@usda.gov)

Barbara Hellier  
(Sugarbeet & Horticultural Crops)  
[barbara.hellier@usda.gov](mailto:barbara.hellier@usda.gov)

Brian Irish  
(Temperate Forages)  
[brian.irish@usda.gov](mailto:brian.irish@usda.gov)

**Crops evaluated**

**Species held at site**

<https://www.ars.usda.gov/Main/docs.htm?docid=6637>

## Site Table / CT Dataview

Data View Properties v1.22.8.24

Dataview Tab Name:

Dataview

Category:  Area:

Dataview: ☐ Show All

### [A] Site (Repository) Label

The label on the PW gets the data from the corresponding **Site** record's **Site Long Name** field:

The top part of the image shows a label for 'Western Regional PI Station' with a green circle 'A' next to it. Below this is a search results table. The 'Site' tab is selected and highlighted with a red box. The table has columns: Site ID, Site Short Name, Site Long Name, Provider Identifier, Organization Abbreviation, and Is Internal?. The 'Site Long Name' column is highlighted with a yellow box. The first row of data shows Site ID 26, Site Short Name W6, Site Long Name Western Regional PI Station, Provider Identifier 00AX14, Organization Abbreviation W6, and Is Internal? Y.

Site ID	Site Short Name	Site Long Name	Provider Identifier	Organization Abbreviation	Is Internal?
26	W6	Western Regional PI Station	00AX14	W6	Y

### Advanced Search Genebank Option

On the PW Advanced Search, the Genebank option uses two fields (combined).

Table: **Site**

Field: **Site Long Name**

Field: **Site Short Name**

Example: **Western Regional PI Station – W6**

The image shows the 'Advanced Search' tab selected in a search interface. Below the tabs is a search box with the text 'e.g., PI 651649'. To the right of the search box is a list of search options. The 'Genebank' option is selected, and a yellow dashed arrow points from the 'Genebank' label to the 'Western Regional PI Station – W6' option in the list. The list also includes other options like 'Plant Genetic Resources Conservation Unit, Griffin, GA – S9', 'Plant Germplasm Quarantine Program – PGQO', 'Plant Variety Protection Voucher Collection – PVPO', 'Potato Germplasm Introduction Station – NR6', 'Rice Genetic Stock Center – GSOR', 'Soybean Collection – SOY', 'Systematic Botany and Mycology Laboratory – SBML', and 'US Nicotiana Germplasm Collection – TOB'.

The image shows a table with the following columns: Site ID, Site Short Name, Site Long Name, Provider Identifier, Organization Abbreviation, Is Internal?, Is Distribution Site?, Type, and FAO Institute Number. The first row of data shows Site ID 26, Site Short Name W6, Site Long Name Western Regional PI Station, Provider Identifier 00AX14, Organization Abbreviation W6, Is Internal? Y, Is Distribution Site? Y, Type Seed maintenanc..., and FAO Institute Number USA022. The 'Get Site' tab is selected and highlighted with a red box.

Site ID	Site Short Name	Site Long Name	Provider Identifier	Organization Abbreviation	Is Internal?	Is Distribution Site?	Type	FAO Institute Number
26	W6	Western Regional PI Station	00AX14	W6	Y	Y	Seed maintenanc...	USA022

## [B] Site Details

Most of the Details (B) and (C) are stored in the site's **Cooperator** record.

GRIN-Global U.S. National Plant Germplasm System -- CBO Training Site

Version: 2.3.0.3 Accessions Descriptors Reports GRIN Taxonomy GRIN Help Contact Us Your Profile

**Western Regional PI Station**

USDA-ARS, Western Regional Plant Introduction Station  
Washington State University  
Regional Plant Introduction Station  
59 Johnson Hall, P.O. Box 646402  
Pullman, Washington 99164-6402  
Phone: (509) 335-1502  
Fax: 509-335-6654  
[w6@ars-grin.gov](mailto:w6@ars-grin.gov)

**Curator(s)**

Vicki Bradley  
(Cool Season Grasses & Safflower)  
[vicki.bradley@ars.usda.gov](mailto:vicki.bradley@ars.usda.gov)

Clare Coyne  
(Pea, Cool Season Food Legumes)  
[clarice.coyne@usda.gov](mailto:clarice.coyne@usda.gov)

Barbara Hellier  
(Sugarbeet & Horticultural Crops)

The cooperator record for the site (W6 in this case) has the following conditions:

**@cooperator.status\_code = 'ACTIVE' AND**

**@cooperator.last\_name IS NULL AND**

**@cooperator.organization\_abbrev = 'W6'**

(W6 used as example)

Search Criteria

[Clear Text](#)

@cooperator.organization\_abbrev = 'W6' AND @cooperator.last\_name IS NULL

Search Results

[Add To Query](#) [Clear Query](#) Limit: 1000 Page Size: 1000

Site	Accession IPR	Accession	Cooperator	Cooperator Map	Order Request	Inventory Maintenance Policy	Order Request Phyto Log							
	Last Name	Title	First Name	Job	Email	Organization Abbreviation	Organization	Address Line 1	Address Line 2	Address Line 3	City	Geography	Postal Index	
					<a href="mailto:w6@ars-grin.gov">w6@ars-grin.gov</a>	W6	USDA-ARS, Western Regional Pla...	201 Clark Hall	Washington State University	MS 6402	Pullman	Washington, Un...	99164-6402	

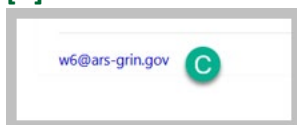
The data on the PW page comes from the record:

**Western Regional PI Station**

USDA-ARS, Western Regional Plant Introduction Station  
201 Clark Hall  
Washington State University  
MS 6402  
Pullman, Washington 99164-6402  
Phone: 509-335-1502

[w6@ars-grin-gov](mailto:w6@ars-grin-gov)

### [C] email address



Also stored in the site's cooperator record in the **email** field. A site may use several different site "distribution email addresses" for different purposes. For more information on the Outlook email addresses used at NPGS, see [Site Outlook Addresses](#).

### [D] Curators list

Western Regional PI Station	Curator(s)
USDA-ARS, Western Regional Plant Introduction Station Washington State University Regional Plant Introduction Station 59 Johnson Hall, P.O. Box 646402 Pullman, Washington 99164-6402 Phone: (509) 335-1502 Fax: 509-335-6654  <a href="mailto:w6@ars-grin.gov">w6@ars-grin.gov</a>	Vicki Bradley (Cool Season Grasses & Safflower) <a href="mailto:vicki.bradley@ars.usda.gov">vicki.bradley@ars.usda.gov</a>  Clare Coyne (Pea, Cool Season Food Legumes) <a href="mailto:clarice.coyne@usda.gov">clarice.coyne@usda.gov</a>  Paullette Galewski (Cool Season Grasses & Safflower) <a href="mailto:paul.galewski@usda.gov">paul.galewski@usda.gov</a>  Barbara Haller

### To find/determine the curators for the site page

Search in the **cooperators** dataview:

@cooperator\_group.group\_tag = 'W6'

INTERSECT

@cooperator\_group.group\_tag = 'CURATORS'



Note that the status is ignored here – an INACTIVE coop was displayed (this is an older screen image)



Basic Query

Search Now!

Find: ☒ Default ☐ accession Clear Text

@cooperator\_group.group\_tag = 'W6'

INTERSECT

@cooperator\_group.group\_tag = 'CURATORS'

Search Results

Add To Query Clear Query Limit: 3000 Page Size: 1000

Accession Get Inventory Get Order Request Get Crop **Get Cooperator** Get Cooperator Map Get Cooperator Group ...

Cooperator ID	Status	Last Name	Title	First Name	Email	Job
74578	INACTIVE	Bradley	Ms.	Vicki	vicki.bradley@ars.usda.gov	Curator
74772	ACTIVE	Hellier	Ms.	Barbara	barbara.hellier@usda.gov	Curator
104452	ACTIVE	Coyne	Dr.	Clare	clarice.coyne@usda.gov	Geneticist and Curator
160268	ACTIVE	Irish	Dr.	Brian	brian.irish@usda.gov	Geneticist and Curator
184918	ACTIVE	Galewski	Dr.	Paulette	paul.galewski@usda.gov	Curator

### To add a curator to PW Site Page

- The curator must be in the **Cooperator** table.
- Then two records related to the curator-cooperator must be added to the **Cooperator Map** table as shown below. For each new record, select the curator for the **Cooperator** field. For the **Cooperator Group** field, add:
  - NPGS Repository Curators*
  - Staff [– and the respective site]*

Search Results

Add To Query Clear Query Limit: 3000 Page

Accession Get Inventory Get Order Request Get Crop Get Cooperator **Get Cooperator Map** Get Cooperator Group ...

Cooperator Map ID	Cooperator	Cooperator Group	Note	Created Date	Created By
15670	Galewski, Paulette, USDA-ARS WRPIS, 3793...	NPGS Repository Curators	(Cool Season Grasses & Safflower)	11/2/2022 4:11 ...	Reisinger, Martin
15671	Galewski, Paulette, USDA-ARS WRPIS, 3793...	Staff - Western Regional Plant Introduction Station		11/2/2022 4:33 ...	Reisinger, Martin



In the **Note** field for the **NPGS Repository Curators** record, include in parentheses (for consistency), the crops managed by the curator (E) (see image above)

### Editing the Cooperator Map Table

Anyone who is included in the **Manage\_Cooperator** permission group can update any record in the **Cooperator\_Map** table (as well as the **Cooperator**) table. The **Cooperator\_Map** table has the records that indicate the curators used by the site page.

Accession Pedigree	NC7 Site Inventory	Code Value	Code Value Language	Accession IPR	Cooperator Map	...
Cooperator Map ID	Cooperator	Cooperator Group	Note	Owned By		
15673	Nageswara-Rao, Madhugini, Subtropical Horticul...	NPGS Repository Curators	(Ornamentals)	Rodriguez,		
232	Momis, J. Bradley, USDA, ARS, Plant Genetic Reso...	NPGS Repository Curators	(Forage Legumes, Warm Season Grasses, New & Industrial Crops, Miscellaneous Annual Cereals)	Sinnott, Qu		
9349	Harrison, Melanie, USDA, ARS, Plant Genetic Reso...	NPGS Repository Curators	(Sorghum, Sorghum Genetic Stocks, S9-Millet, Peas)	Sinnott, Qu		
227	Jarret, Robert L., USDA, ARS, Plant Genetic Resou...	NPGS Repository Curators	(Vegetable Crops)	SYSTEM,		
15144	Tallury, Shyamalrau P., USDA, ARS, Plant Genetic ...	NPGS Repository Curators	(Peanuts, Vigna)	Stigura, Ni		
15410	Peregrine, Esther, USDA, ARS, National Soybean ...	NPGS Repository Curators	(Assistant Curator Soybean)	Sinnott, Qu		
15143	Irish, Brian, USDA-ARS WRPIS, National Temperat...	NPGS Repository Curators	(Temperate Forages)	Sinnott, Qu		

To determine who is included in the **Manage\_Cooperator** permission group, you can run this SQL query on the Public Website:

```
SELECT su.user_name, sg.group_tag, sp.permission_tag, st.table_name, CONCAT(c.first_name, ' ',
c.last_name) AS owner
FROM sys_user su
JOIN sys_group_user_map sgum ON sgum.sys_user_id = su.sys_user_id
JOIN sys_group sg ON sg.sys_group_id = sgum.sys_group_id
JOIN sys_group_permission_map sgpm ON sgpm.sys_group_id = sg.sys_group_id
JOIN sys_permission sp ON sp.sys_permission_id = sgpm.sys_permission_id
LEFT JOIN sys_table st ON st.sys_table_id = sp.sys_table_id
JOIN cooperator c ON c.cooperator_id = su.cooperator_id
WHERE
sg.group_tag LIKE 'MANAGE_COOPERATOR%'
ORDER BY sp.permission_tag, c.last_name
```

## Crops and Species for the Site

Lower on the page, lists of the crops and the species held at the site are displayed. How are these determined?

The screenshot shows a web interface for the 'North Central Regional PI Station'. It includes contact details for USDA ARS NCRPIS, Iowa State University, and lists of curators: Vivian M. Bernau (Maize) and David Brenner (Pseudocereals, Grasses, Forage Legumes & Spinach). Below this, there are two main sections: 'Crops evaluated' and 'Species held at site'. Each section has a search bar, a 'Show 10 entries' dropdown, and a table. The 'Crops evaluated' table has a header 'CROPS' and a row 'ACTAEA'. The 'Species held at site' table has a header 'TAXONOMY' and a column '# OF ACCESSIONS'.

Basically – for Crops, a relationship exists between the site and the crop tables via the *ownership* of the crop records. Crop records have an owner; the record owners belong to a site. Crops listed on the site page are those which are owned by a user from the site.



*Note that these owners are not necessarily "curators" at the site.*

Similarly, "Species held at site" on the site page are those species with active accessions owned by a user at the site.

Multiple methods exist for reviewing these. There are some reports under the PW Report menu for internal staff.

The following SQL queries may be run under the PW Tools Query feature:

### *Curators and their Crops & Species*

```
SELECT distinct ts.name AS Species_name, c.last_name AS Curator, crop.name AS Crop_Name
FROM taxonomy_species ts
JOIN taxonomy_crop_map tcm
ON ts.taxonomy_species_id = tcm.taxonomy_species_id
JOIN crop
ON crop.crop_id = tcm.crop_id
```

```

JOIN crop_trait ct
    ON crop.crop_id = ct.crop_id
JOIN cooperators c
    ON ct.owned_by = c.cooperator_id
JOIN site s
    ON c.site_id = s.site_id
WHERE s.site_short_name = 'NC7'
ORDER BY ts.name

```

```

SELECT distinct a.accession_number_part1, a.accession_number_part2, a.accession_number_part3,
ts.name AS Species_name, c.last_name AS Curator, crop.name AS Crop_Name
FROM accession a

```

```

JOIN taxonomy_species ts
    ON a.taxonomy_species_id = ts.taxonomy_species_id
JOIN taxonomy_crop_map tcm
    ON ts.taxonomy_species_id = tcm.taxonomy_species_id
JOIN crop
    ON crop.crop_id = tcm.crop_id
JOIN crop_trait ct
    ON crop.crop_id = ct.crop_id
JOIN cooperators c
    ON ct.owned_by = c.cooperator_id
JOIN site s
    ON c.site_id = s.site_id
/* WHERE s.site_short_name = 'NC7' */
WHERE ts.name = 'Phaseolus vulgaris'
ORDER BY ts.name

```

#### *Curators and their Genera*

```

SELECT DISTINCT genus_name, s.site_short_name, last_name, first_name
FROM taxonomy_genus tg
JOIN taxonomy_species ts
    ON ts.taxonomy_genus_id = tg.taxonomy_genus_id
JOIN accession a
    ON a.taxonomy_species_id = ts.taxonomy_species_id
JOIN cooperators c
    ON a.owned_by = c.cooperator_id
JOIN site s
    ON c.site_id = s.site_id

WHERE s.site_short_name = 'NC7'
AND a.status_code = 'ACTIVE'
/* or by
WHERE genus_name = 'Genus'

```

\*/

ORDER BY genus\_name

## Site Outlook Addresses (USDA / NPGS)

*ARS\_GRIN\_W6* vs. *w6@ars-grin.gov*

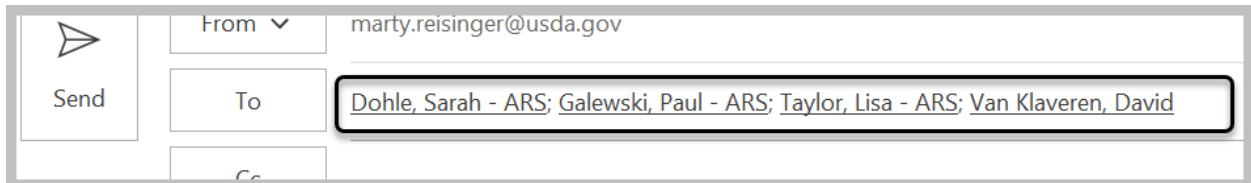
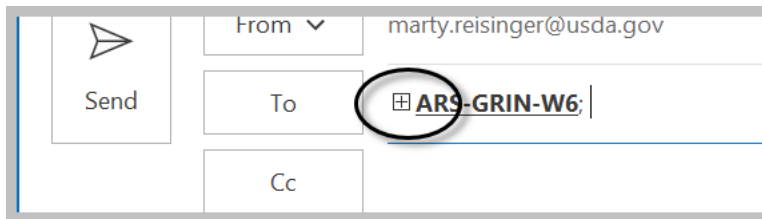
In 2022, new Outlook lists were created by the DBMU to ensure a consistent naming convention for distribution lists. These lists were primarily used with the GG Ordering process.

Most sites have other Outlook distribution lists that historically had the format *sitecode@ars-grin.gov*.

The format of the ordering email lists is:

ARS-GRIN-*sitecode*

The list can be expanded in Outlook to determine who is included:



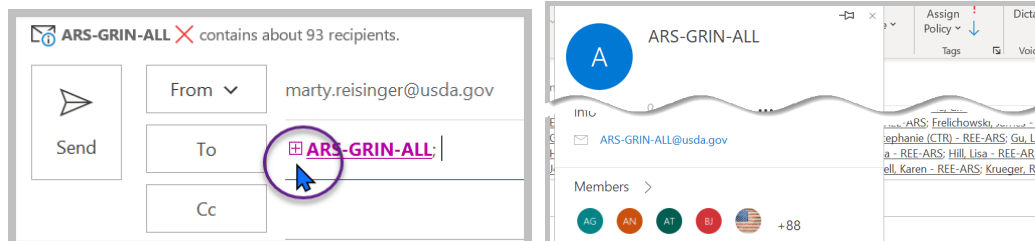
### How to edit

Contact DBMU's Matt Riggs or Kurt Endress who can edit the ARS-GRIN-XXX(X) addresses. These addresses can also be edited by someone with at your site the proper IT Outlook Admin rights. Email addresses with the older @ars-grin.gov domain can be edited by Matt Riggs or Kurt Endress.



An ARS-GRIN-ALL was also created around the time when the site addresses were created. This list combined three prior lists: "ARS-Primaries," "ARS-Curators," and "ARS-PGOC." Contact Matt or Kurt to update ARS-GRIN-ALL to add new staff or remove staff no longer active.

In Outlook, you can expand the address to see its members:



## Appendix A: Document Revisions

### June 29, 2023

- Added a paragraph in the Background section to jump to the specific how-to instructions

### June 28, 2023

- Included a background section, more details, edits in general, and images

### June 16, 2023

- Included more details and images on the site's cooperator\_map records

### June 8, 2023

- Included more details and images on the site's cooperator record