



# Is a Super COOP a Chicken McMansion ?

National Plant Germplasm System  
Q & A  
July 27, 2023

# Questions to be answered

- What can be done to edit cooperator records when you don't have the correct permission to do so?
- What happens when there are seemingly identical cooperator records?

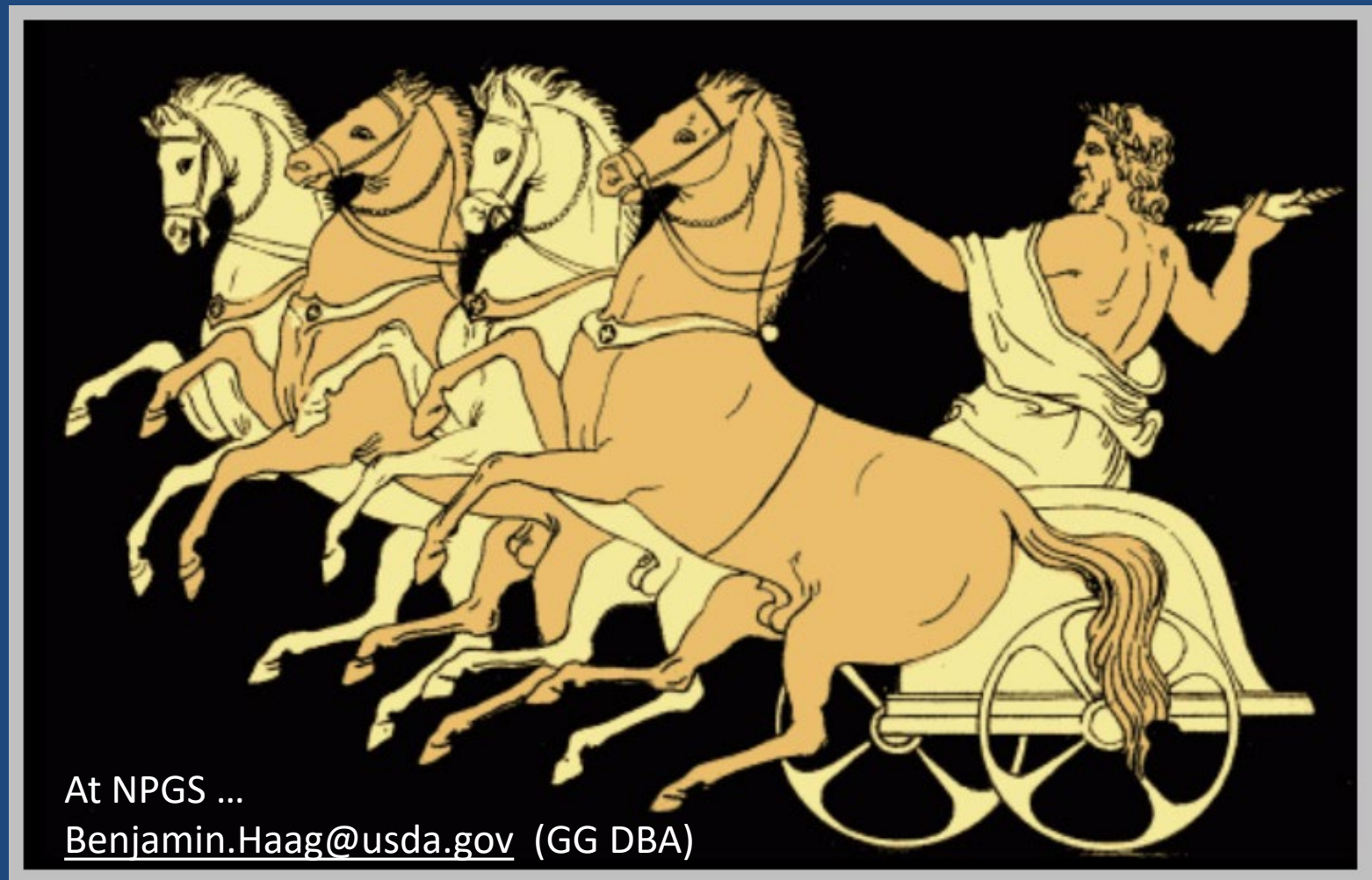
# Questions to be answered

- How can a site update its site page?

Ownership & Permissions

Remember...

who Zeus is...



At NPGS ...

[Benjamin.Haag@usda.gov](mailto:Benjamin.Haag@usda.gov) (GG DBA)

# GG Ownership & Permissions

- 1 *owner* per record

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- 1 *owner* per record
- an owner can grant *update/delete permission* to multiple CT users

# GG Ownership & Permissions

- a record *creator* may not necessarily be the record *owner*



# GG Ownership & Permissions

- a record *creator* may not necessarily be the record *owner*
- customized group permissions can be set up for a site or tables...

# Permissions can be granted for...

1. All tables
2. A specific table
3. rows in a specific table owned by a particular user
4. rows in any table owned by a particular user
5. rows in a specific table owned by someone from a particular site
6. rows in any table owned by someone from a particular site

# Permissions

- The CT permission wizard creates permissions of type 3

## In NPGS...

- The `MANAGE_SITE_sitecode` groups use permissions of type 6
- The `MANAGE_COOPERATOR` group uses type 2

# Super COOP Group

In NPGS, a permissions GROUP was created by the DBA to allow any CT user included in the group to have full permission to edit *any record* in the COOPERATOR table.

Admin Tool  
screen

Permissions > MANAGE\_COOPERATOR

Name:

Tag: **MANAGE\_COOPERATOR**

Description:

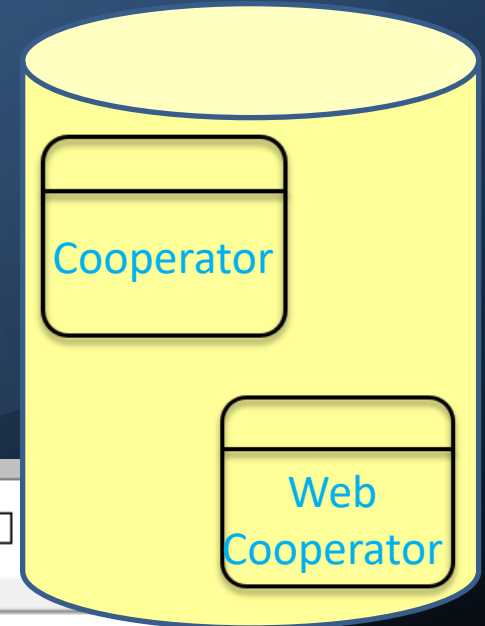
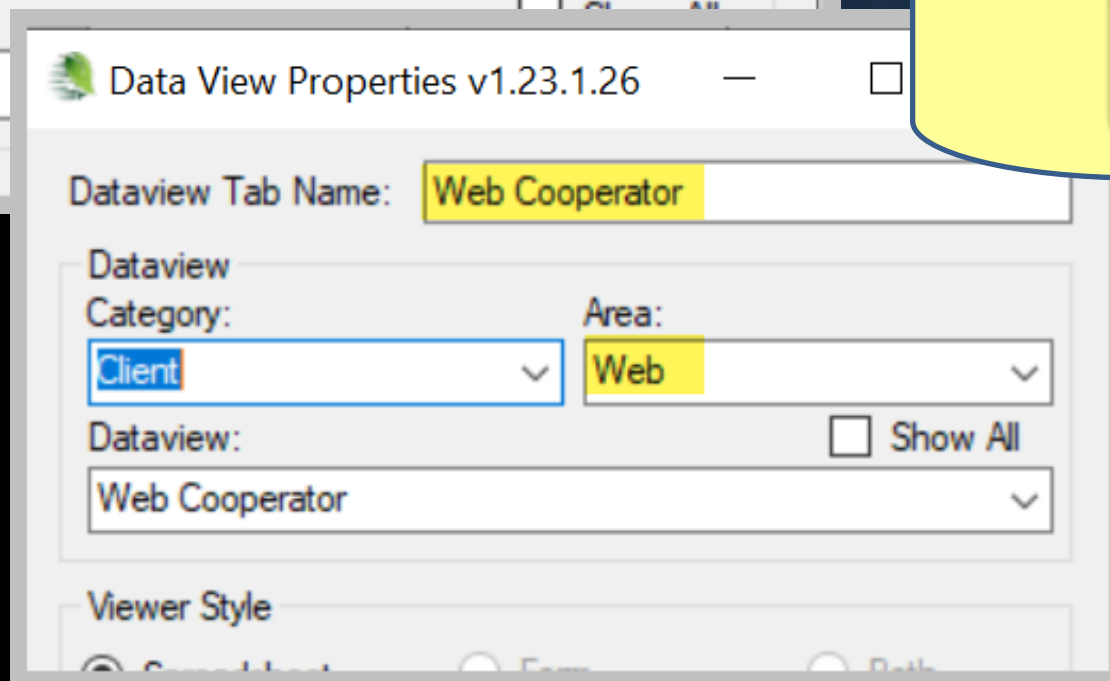
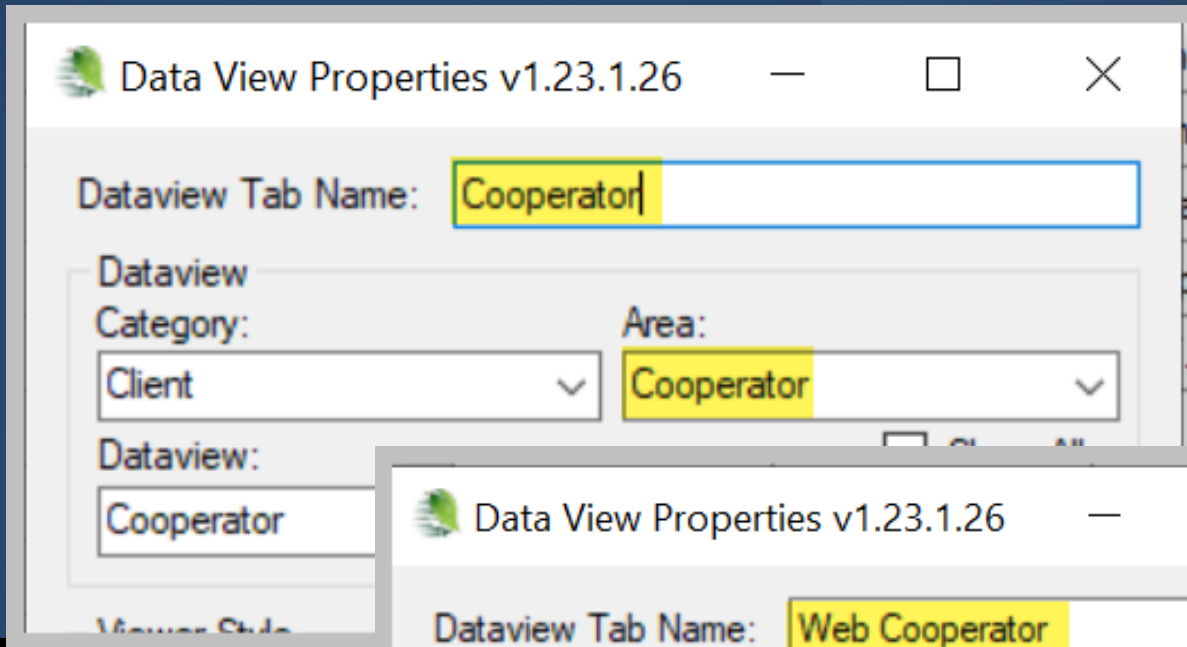
Applies To Data View:

Applies To Table: **cooperator**

Enabled

Create:	Read:	Update:	Delete:
<input type="text" value="Allow"/>	<input type="text" value="Allow"/>	<input type="text" value="Allow"/>	<input type="text" value="Allow"/>

# Cooperator & Web Cooperator



The Web Cooperator table cannot be updated by internal staff

# SUPER COOPS

When in the `MANAGE_COOPERATOR` group,  
you can edit any...

`COOPERATOR` record

`COOPERATOR-MAP` record

# Required fields

- Status
- Language
- Last name or Organization
- Category (when processing an order)

# Two Records per Coop?

Cooperator ID	Status	Last Name	Title	First Name	Email	Job	Organization Abbreviation	Organization	Address Line 1
185444	ACTIVE	Bienert	Profe...	Gerd Patrick	order.cropphys@ls.tum.de			TU Munich Professorship of Crop P...	Alte Akademie 12
185540	ACTIVE	Bondino	Dr.	Heman	heman.bondino@advantaseeds.com			Advanta Seeds	1700 Research Pa
185541	ACTIVE	Bondino	Dr.	Heman	heman.bondino@advantaseeds.com			Advanta Seeds	Viamonte 377 - Pis

Site	Current Cooperator	Web Cooperator
NC7	Bienert, Gerd Patrick, TU Munich Professorship of Crop Physiology, Alte Akademie 12, Freising, Bayern, Germany	Bienert, Gerd Patrick, TU Munich Profess
NC7	Bondino, Heman, Advanta Seeds, 1700 Research Parkway, College Station, Texas, United States	Bondino, Heman, Advanta Seeds
NC7	Bondino, Heman, Advanta Seeds, Viamonte 377 - Piso 9, Ciudad Autónoma de Buenos Aires, Buenos Aires, Argentina	Bondino, Heman, Advanta Seeds

Note	Language	Site	Current Cooperator
	English	NC7	Bienert, Gerd Patrick, TU Munich Professorship of Crop Physiology, Alte Akademie 12, Freising, Bayern, Germany
	English	NC7	Bondino, Heman, Advanta Seeds, 1700 Research Parkway, College Station, Texas, United States
ship to	English	NC7	Bondino, Heman, Advanta Seeds, Viamonte 377 - Piso 9, Ciudad Autónoma de Buenos Aires, Buenos Aires, Argentina



# Two Records per Coop?

Two or more coop records in the database may exist for the same person.

Ideally, one will be ACTIVE, and the other(s) INACTIVE, but linked to the ACTIVE COOP.

The linked coop records must use the same **Current Cooperator** information

See [http://grin-global.org/docs/gg\\_cooperators.docx](http://grin-global.org/docs/gg_cooperators.docx)  
pp 10-14 for complete directions.

# SQL for listing members in MANAGE\_COOPERATOR

```
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
```

# Organization Coop Records

An organization cooperator record will have empty **Last Name** and **First Name** fields

# organization coops

To search for an organization in cooperator  
lookup

Enter , ,

(comma, space, comma, space, *text*)


# COOPERATOR\_MAP

This table must be used and two records per curator must be created to properly list curators on the GG Public Website “site” page

# Site Page

Basic Info Source Info Show all columns Show/hide columns Show 10 rows Excel

Showing 1 to 2 of 2 entries

ACCESSION	NAME	TAXONOMY	ORIGIN	GENEBANK	IMAGE
<input type="text" value="Search ACCESSION"/>	<input type="text" value="Search NAME"/>	<input type="text" value="Search TAXONOMY"/>			
<input type="checkbox"/> PI 303904	SAN KO SHO ZAE RAI #110	<i>Zea mays</i> L. subsp. <i>mays</i>	Japan	<a href="#">NC7</a>	

## North Central Regional PI Station

USDA ARS NCRPIS  
Iowa State University  
Regional Plant Introduction Station  
G212 Agronomy Hall  
Ames, Iowa 50011-1170  
Phone: 515-294-3255  
Fax: 515-294-4880

[nc7@ars-grin.gov](mailto:nc7@ars-grin.gov)

## Curator(s)

Vivian M. Bernau  
(Maize)  
[Vivian.Bernau@ars.usda.gov](mailto:Vivian.Bernau@ars.usda.gov)

David Brenner  
(Pseudocereals, Grasses, Forage Legumes & Spinach)  
[dbrenner@iastate.edu](mailto:dbrenner@iastate.edu)

Jeffrey D. Carstens  
(Woody Landscape Plants)  
[jcarstens@usda.gov](mailto:jcarstens@usda.gov)

Kathleen Reitsma  
(Vegetable Crops)  
[kreitsma@iastate.edu](mailto:kreitsma@iastate.edu)

To determine the curators for the site page

```
@cooperator_group.group_tag = 'NC7'
```

```
INTERSECT
```

```
@cooperator_group.group_tag = 'CURATORS'
```

# To add/edit the curators for the site page

2 records must be added to the **Cooperator Map** table

Select the curator for the **Cooperator** field. For the **Cooperator Group** field, add:

*a. NPGS Repository Curators*

*b. 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



# MANAGE\_SITE\_*sitecode*

At NPGS, permission groups called MANAGE\_SITE\_*sitecode* have been established so that any member in that group, *for their site*, can change the ownership of *any* records owned by someone in that same site.

Example:

MANAGE\_SITE\_COT

# MANAGE\_SITE\_*sitecode*

SQL for listing “site” permission groups:

```
SELECT group_tag  
FROM sys_group  
WHERE owned_by = 48  
AND group_tag LIKE 'MANAGE_SITE%'
```

# MANAGE\_SITE\_sitecode

SQL for determining who has been included in “manage\_site” permission groups:

```
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 cooperators c ON c.cooperator_id = su.cooperator_id  
WHERE  
sg.group_tag LIKE 'MANAGE_SITE%'  
/* AND c.site_id = 3  
omit line above to display all sites/cooperators */  
ORDER BY sp.permission_tag, c.last_name
```

# Who is in the Super COOP (MANAGE\_COOPERATOR) group?

Search Query:

```
@cooperator.cooperator_id IN  
(SELECT cooperator_id 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  
WHERE sg.group_tag = 'MANAGE_COOPERATOR')
```

# MANAGE\_SITE Group

- Very exclusive!
- As an FYI, members in this group have the ability to update record created by any owners in their site

(SQL Query:

[https://www.grin-global.org/docs/gg\\_sql\\_examples.docx](https://www.grin-global.org/docs/gg_sql_examples.docx))

# References

- Cooperators: [https://www.grin-global.org/docs/gg\\_cooperators.docx](https://www.grin-global.org/docs/gg_cooperators.docx)
- Order & Cooperator Wizards: [https://www.grin-global.org/docs/gg\\_order\\_and%20cooperator\\_wizard\\_v1.9.9.4.docx](https://www.grin-global.org/docs/gg_order_and%20cooperator_wizard_v1.9.9.4.docx)
- Updating Site Pages: [http://grin-global.org/docs/gg\\_changing\\_site\\_information.docx](http://grin-global.org/docs/gg_changing_site_information.docx)

# Cooperator Dataview

Org. Abb

Column Chooser

Other Options

- Select/Deselect All**
- Cooperator ID
- Status
- Last Name
- Title
- First Name
- Job
- Organization Abbreviation
- Organization
- Address Line 1
- Address Line 2
- Address Line 3
- City
- Geography
- Postal Index
- Primary Phone
- Secondary Organization Abbreviation
- Secondary Organization
- Secondary Address Line 1
- Secondary Address Line 2
- Secondary Address Line 3
- Secondary City
- Secondary Geography
- Secondary Postal Index
- Secondary Phone
- Fax
- Email

- Secondary Email
- Discipline
- Category
- Organization Region
- Note
- Language
- Site
- Current Cooperator
- Web Cooperator
- Created Date
- Created By
- Modified Date
- Modified By
- Owned Date
- Owned By

# Web Cooperator

Other Options | Column Cho

- Web Cooperator ID
- Last Name
- Title
- First Name
- Job
- Organization
- Organization Abbreviation
- Address Line 1
- Address Line 2
- Address Line 3
- City
- Postal Index
- Geography
- Primary Phone
- Secondary Phone
- Fax
- Email

- Email
- Is Active?
- Category
- Organization Region
- Discipline
- Initials
- Note
- Created Date
- Created By
- Modified Date
- Modified By
- Owned Date
- Owned By