



# Public Website

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**Public Website Demo**  
**March, 2016**

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GRIN-Global Development Team -- Documentation & Training Consultant

### **Abstract**

The Germplasm Resources Information Network (GRIN) is an information management system that curates data for the USDA-ARS genetic resource collections. GRIN was developed in the late 1980s and has been incrementally improved over the past 30 years. A major revision was recently deployed to service the U.S. National Plant Germplasm System (NPGS), which curates more than 575,000 active plant germplasm accessions important to both U.S. and global food and agriculture. The new genebank management system is called GRIN-Global. It is being developed with international partners as freely available software that can help harmonize information management and allow more rational maintenance and utilization of collections. Several institutions in countries outside the U.S. are already using GRIN-Global.

The NPGS began using GRIN-Global on November 30, 2015. It consists of two interconnected applications- the Curator Tool (CT) and the Public Website (PW). The CT is a Microsoft Windows desktop application that allows NPGS staff to enter and modify data on accessions and manage daily workflows, especially order request processing. The PW is an internet browser based application that allows clients and customers to search the database for a wide array of information, and request germplasm.

The interfaces for both the CT and PW are significantly different from the prior applications used by the NPGS. Hence, user training and outreach are an important component of making the transition to GRIN-Global. New features and functions have been added, and more will be forthcoming. The evolution of GRIN-Global must occur within the context of significantly increased federal oversight and emphasis on security issues for .gov information management systems.

A member of the GRIN-Global Development Team will demonstrate the Public Website. Emphasis will be on strategies for searching the collections and how to request germplasm using the new interface. The PW search page is available at <https://npgsweb.ars-grin.gov/gringlobal/search.aspx?>

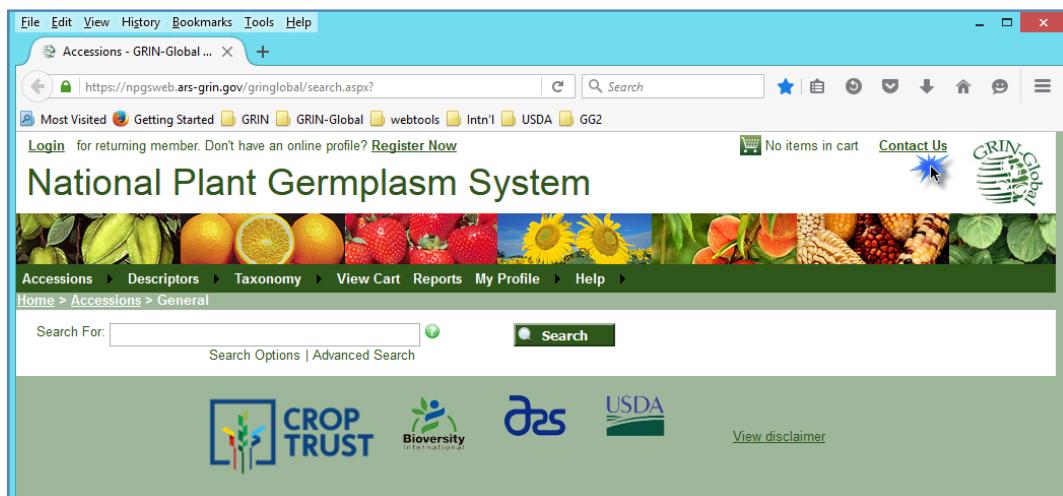
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## For More Information

- Contact: [feedback@ars-grin.gov](mailto:feedback@ars-grin.gov) (or [marty.reisinger@ars.usda.gov](mailto:marty.reisinger@ars.usda.gov))
- Click on the Public Website's **Contact Us** link



- The GRIN-Global website is <http://www.ars-grin.gov/npgs/gringlobal/sb/home.html>

## GRIN...GRIN-Global

The homepage of the GRIN-Global website. It features a large green header with the text 'GRIN' in large blue letters and '(Germplasm Resources Information Network)' in smaller blue text. Below the header is a photograph of rice plants. To the right of the image is the text '1986 - Nov. 30, 2015 continuous development &amp; enhancements'. Further to the right are the 'USDA' and 'BIOVERSITY INTERNATIONAL' logos.

# The Need for GRIN-Global



Many national genebanks lack effective technology for documenting and managing collection information digitally

## GRIN-Global Partners

The Global Crop Diversity Trust awarded a grant to USDA/ARS & Bioversity



<http://www.ars-grin.gov/>

## GRIN

https://www.google.com/?gws\_rd=ssl#q=grin

Most Visited Getting Started GRIN GRIN-Global webtools Intn'l USDA GG2

About 193,000,000 results (0.47 seconds)

**grin**  
/grɪn/  
verb

1. smile broadly, especially in an unrestrained manner and with the mouth open.  
"Dennis appeared, grinning cheerfully"  
synonyms: [smile](#), smile broadly, [beam](#), smile from ear to ear, grin like a Cheshire cat; [More](#)

noun

1. a broad smile.  
""OK," he said with a grin"  
synonyms: [smile](#), broad smile; [smirk](#)  
"a silly grin"

Translations, word origin, and more definitions

**GRIN National Genetic Resources Program**  
[www.ars-grin.gov/](http://www.ars-grin.gov/) ▾  
Provides germplasm information and links about plants, animals, microbes and invertebrates within the National Genetic Resources Program (NCGRP) of the

<http://www.ars-grin.gov/>

## NPGS Pages

The screenshot shows a Microsoft Internet Explorer browser window displaying the GRIN (Germplasm Resources Information Network) website. The address bar shows the URL [www.ars-grin.gov](http://www.ars-grin.gov). The page header includes the USDA Agricultural Research Service logo and the text "Germplasm Resources Information Network". The main content area features a green banner with the text "Germplasm Resources Information Network Welcome!". Below the banner, there is a paragraph about the National Genetic Resources Program (NGRP) and its responsibility to acquire, characterize, preserve, document, and distribute germplasm. It also mentions the Germplasm Resources Information Network (GRIN) web server, which provides information about plants, animals, microbes, and invertebrates. A sidebar on the left is titled "Browse By Subject" and lists categories such as Home, Plant Germplasm, Animal Germplasm, Microbial Germplasm, Invertebrate Germplasm, About Us, Research, Products & Services, People & Places, News & Events, Partnering, and Careers. At the bottom right of the page, the text "Updated 28-Nov-2015" is visible.

## Map of Genebanks (NPGS Sites / Repositories)

<http://www.ars-grin.gov/npgs/>

The screenshot shows a Microsoft Edge browser window with the URL <http://www.ars-grin.gov/npgs/> in the address bar. The search bar contains the text "white pine". The page title is "GRIN NPGS". The header includes the USDA logo, "United States Department of Agriculture Agricultural Research Service", and links for "GRIN Home", "About GRIN", and "Contact Us". A search bar and a "Site Map" link are also present. The main content area features a section titled "National Plant Germplasm System" with a sub-section "Related Topics" containing links to "NPGS Collections", "Crop Germplasm Committees", "Repository Home Pages", and "Links". Below this is a detailed text about the importance of plant breeding. To the right of the text are two images: one of a rice plant and another of a variety of apples.

## Genebank Contact Information (NPGS Sites)

<http://www.ars-grin.gov/npgs/sitelist.html>

The screenshot shows the USDA NPGS Genebanks homepage. At the top left is the USDA Agricultural Research Service logo. The top right features links to GRIN Home, About GRIN, and Contact Us, along with a search bar and a site map. Below the header is a navigation menu with Programs, NPGS, and Search buttons. A breadcrumb trail indicates the user is at GRIN Home / NPGS / Collections. To the right of the menu are social media icons for Twitter, Facebook, YouTube, RSS, and more. The main content area is titled "NPGS Germplasm Collection Genebanks" and displays a map of the United States with various collection sites marked by yellow dots and labeled with names like Pullman, Corvallis, Aberdeen, Davis, Ft. Collins, Urbana, Ames, Columbus, Beltsville, Washington, Sturgeon Bay, Geneva, Griffin, Stuttgart, College Station, Miami, and Mayaguez, PR. To the right of the map is a sidebar with links to "List of Genebanks" (which is highlighted with a yellow starburst), Diversity of Species in NPGS, Summary by Genebank, Seeds for Our Future (PDF), and the USDA Plant Hardiness Zone Map with Genebanks. At the bottom left is a section for "Affiliated non-ARS collections" listing the Desert Legume Program, Forest Service National Seed Lab, and US Nicotiana Germplasm Collection. The bottom right shows a "Last Modified: 02/05/2016" timestamp.

The screenshot shows a web browser window with the address bar displaying "www.ars-grin.gov/npgs/sitelist.html". The title bar says "GRIN Collection Site List". The page content is a list of collection sites under the heading "GRIN Collection Site List". The items listed are: + Plant Genetic Resources Conservation Unit, Griffin, GA; + Plant Germplasm Quarantine Program; + Plant Variety Protection Voucher Collection; + Potato Germplasm Introduction Station; - Rice Genetic Stock Center. A red dashed arrow points down from the "Rice Genetic Stock Center" item to a detailed contact section below. This section includes the address "USDA, ARS Dale Bumpers National Rice Research Center, 2890 Hwy 130 East Stuttgart, Arkansas 72160", phone number "Phone: 870-672-9300", FAX number "FAX: 870-673-7581", email "E-Mail: gsor@ars-grin.gov", and a link to "Repository Home Page". Another red dashed arrow points down to the "+ Soybean Collection" item at the bottom of the list.

**Plant Variety Protection (PVP)**

<http://www.ars-grin.gov/npgs/>

 **United States Department of Agriculture**  
Agricultural Research Service

[Programs](#)   [NPGS](#)   [Search](#)

You are here: GRIN Home / N



**Related Topics**

- > NPGS Collections
- > Crop Germplasm
- > Repository Home
- > Links

**Accession**

**Descriptors**

**Taxonomy**

[Advanced Query of Species](#)

[Simple Query of Species](#)

[Families and Genera](#)

[World Economic Plants](#)

[Crop Wild Relatives](#)

[About GRIN Plant Taxonomy](#)

**Plant Variety Protection**

[Original Plant Inventory Volumes](#)

## Plant Variety Protection

The screenshot shows a web-based search interface for plant variety protection. At the top, there's a header with a back arrow, a globe icon, and the URL [www.ars-grin.gov/~dbmuqs/cgi-bin/pvp/pvp4.pl?Rice 201100296 201500499](http://www.ars-grin.gov/~dbmuqs/cgi-bin/pvp/pvp4.pl?Rice 201100296 201500499). Below the header is a navigation bar with links: Most Visited, Getting Started, GRIN, GRIN-Global, webtools, Int'l, USDA, and GG2.

The main content is a table listing 20 plant varieties. The columns are: PVP No., Variety/Name, Applicant, Status, Status Date, and NPGS status\*. The table includes rows for various rice varieties like Jazzman-2, M-105, CL152, Caffey, Mermentau, Della-2, Calhikari-202, Antonio, Colorado, A-202, CL271, CL-Jazzman, CL163, LaKast, CL172, Frontiere, MM14, Calmochi-203, and M-209. The 'NPGS status\*' column for most entries is 'Unavailable', except for Calhikari-202 which is 'Not in NPGS'. The last row, M-209, has a yellow starburst icon next to its 'NPGS status\*' cell.

PVP No.	Variety/Name	Applicant	Status	Status Date	NPGS status*
<a href="#">201100296</a>	<b>Jazzman-2</b>	Louisiana State University Agricultural Center	Certificate Issued	06/19/2013	<a href="#">Unavailable</a>
<a href="#">201100385</a>	<b>M-105</b>	California Cooperative Rice Research Foundation, Inc.	Certificate Issued	09/14/2012	<a href="#">Unavailable</a>
<a href="#">201100527</a>	<b>CL152</b>	Louisiana State University Agricultural Center	Certificate Issued	09/30/2013	<a href="#">Unavailable</a>
<a href="#">201100528</a>	<b>Caffey</b>	Louisiana State University Agricultural Center	Certificate Issued	03/11/2014	<a href="#">Unavailable</a>
<a href="#">201200104</a>	<b>Mermentau</b>	Louisiana State University Agricultural Center	Certificate Issued	09/30/2013	<a href="#">Unavailable</a>
<a href="#">201200129</a>	<b>Della-2</b>	Louisiana State University Agricultural Center	Certificate Issued	09/30/2013	<a href="#">Unavailable</a>
<a href="#">201200460</a>	<b>Calhikari-202</b>	California Cooperative Rice Research Foundation, Inc.	Certificate Issued	09/30/2013	Not in NPGS
<a href="#">201300087</a>	<b>Antonio</b>	Texas AgriLife Research, State of Texas Research Agency	Certificate Issued	09/11/2014	<a href="#">Unavailable</a>
<a href="#">201300457</a>	<b>Colorado</b>	Texas AgriLife Research; State of Texas Research Agency	Certificate Issued	04/16/2015	<a href="#">Unavailable</a>
<a href="#">201400325</a>	<b>A-202</b>	California Cooperative Rice Research Foundation, Inc.	Certificate Issued	08/14/2015	<a href="#">Unavailable</a>
<a href="#">201400401</a>	<b>CL271</b>	Louisiana State University Agricultural Center	Application Pending		<a href="#">Unavailable</a>
<a href="#">201400402</a>	<b>CL-Jazzman</b>	Louisiana State University Agricultural Center	Application Pending		<a href="#">Unavailable</a>
<a href="#">201400523</a>	<b>CL163</b>	Mississippi State University	Application Pending		<a href="#">Unavailable</a>
<a href="#">201500183</a>	<b>LaKast</b>	The Board of Trustees of the University of Arkansas	Application Pending	01/06/2016	<a href="#">Unavailable</a>
<a href="#">201500184</a>	<b>CL172</b>	The Board of Trustees of the University of Arkansas	Application Pending	01/06/2016	<a href="#">Unavailable</a>
<a href="#">201500310</a>	<b>Frontiere</b>	Louisiana State University Agricultural Center	Application Pending	01/06/2016	<a href="#">Unavailable</a>
<a href="#">201500336</a>	<b>MM14</b>	Missouri Rice Research and Merchandising Council	Application Pending	01/06/2016	<a href="#">Unavailable</a>
<a href="#">201500498</a>	<b>Calmochi-203</b>	California Cooperative Rice Research Foundation, Inc. (CCRRF)	Application Pending	01/06/2016	<a href="#">Unavailable</a>
<a href="#">201500499</a>	<b>M-209</b>	California Cooperative Rice Research Foundation, Inc. (CCRRF)	Application Pending	01/06/2016	<a href="#">Unavailable</a>

**Plant Variety Protection Office**  
USDA-AMS-ST-PVPO, Washington, DC  
[Home Page](#)  
[New Query](#)

## Main GRIN-Global Screen (“Public Website”)

<https://npgsweb.ars-grin.gov/gringlobal/search.aspx>

Browser application – tested on Firefox, Chrome, IE, (Opera), Safari (my telephone)

### Login / Register/ Cart / Contact Us

The screenshot shows a web browser window for the GRIN-Global search page. The URL in the address bar is <https://npgsweb.ars-grin.gov/gringlobal/Login.aspx>. The search bar contains the text "white pine". The page title is "GRIN-Global Web v 1.9.4.2". The main content area features a banner for the National Plant Germplasm System with various plant images. Below the banner is a navigation menu with links: Accessions, Descriptors, Taxonomy, View Cart, Reports, My Profile, Help. A yellow bar at the top contains links for "Login" (circled in red) and "Register Now". To the right of the "Login" link is a "Contact Us" button (also circled in red). A red arrow points from the "Contact Us" button towards the "GRIN" logo in the top right corner. The bottom of the page includes logos for CROP TRUST, Bioversity International, ARS, and USDA, along with a "View disclaimer" link.

## Help/Information

### Table of Contents / Videos / FAQs

The screenshot shows a web browser window for the National Plant Germplasm System (GRIN-Global). The URL is https://npgsweb.ars-grin.gov/gringlobal/search.aspx?. The page title is "Accessions - GRIN-Global...". The top navigation bar includes File, Edit, View, History, Bookmarks, Tools, and Help. A sub-navigation bar shows links for Accessions, Descriptors, Taxonomy, View Cart, Reports, My Profile, and Help. The "Help" link is circled in orange. Below the navigation is a banner with various plant images. A search bar and search options are present. On the right, there's a "Help" section with a "GRIN-Global Help" button and a "About GRIN-Global" link, which is highlighted with a yellow starburst effect. A "disclaimer" link is visible near the "About" link.

The screenshot shows a web browser window for the GRIN-Global Help page at www.ars-grin.gov/npgs/gringlobal/HTML5/Default.htm?. The title bar shows "GRIN-Glo...". The main content area displays the "Welcome to GRIN-Global Help" page with a "Quick Links" section containing links to Overview, Video, Table of Contents, Frequently Asked Questions, and "How to Order" Basics (Video). To the left is a sidebar with a navigation tree: Home, Contents, GRIN-Global Introduction (with sub-links: Welcome to GRIN-Global Help, Overview, Opening Screen - Initial GG Window, Introductory Video, Ordering Germplasm / Shopping Cart, GRIN and GRIN-Global), Searching the GG Data, Accessions, Descriptors (Traits/Observations), Taxonomy, View Cart, and Reports. The bottom status bar shows the current URL and a red box highlighting the "Getting Started" link in the address bar.

# Basic Text Searches

## Search For:

[Login](#) for returning member. Don't have an online profile? [Register Now](#)

# U.S. National Plant Germplasm System



Accessions ▶ Descriptors ▶ Taxonomy ▶ View Cart Reports My Profile ▶ Help ▶

Home Page > Accessions > General

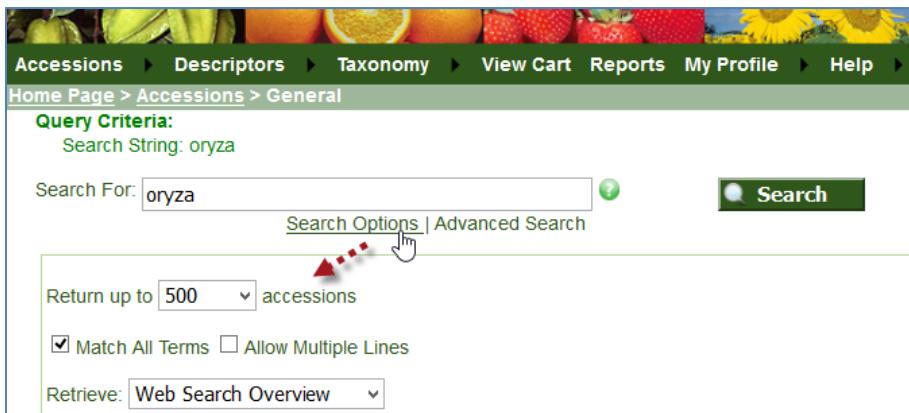
Search For:  [?](#) [Search](#)

[Search Options](#) | [Advanced Search](#)

Example: Oryza

## Key Points (& Defaults)

- 1) the **Search For:** box only searches 31 database fields; not a true “google” search
- 2) case doesn’t matter
- 3) without doing anything yet, there are defaults:
  - maximum number of records displayed: 500
  - when multiple search terms are supplied, act in an AND condition
  - several accession (passport) fields are displayed as the result: plant name, taxonomy, origin...
- 4) to change these defaults, click **Search Options**



Accessions ▶ Descriptors ▶ Taxonomy ▶ View Cart Reports My Profile ▶ Help ▶

Home Page > Accessions > General

**Query Criteria:**  
Search String: oryza

Search For:  [?](#) [Search](#)

[Search Options](#) | [Advanced Search](#)

Return up to  accessions

Match All Terms  Allow Multiple Lines

Retrieve:

5) to change other defaults; click **Advanced Search**

**Query Criteria:**  
Search String: oryza

Search For: oryza ? Search

Search Options [Advanced Search](#) (mouse cursor)

Return up to  accessions

Match All Terms  Allow Multiple Lines

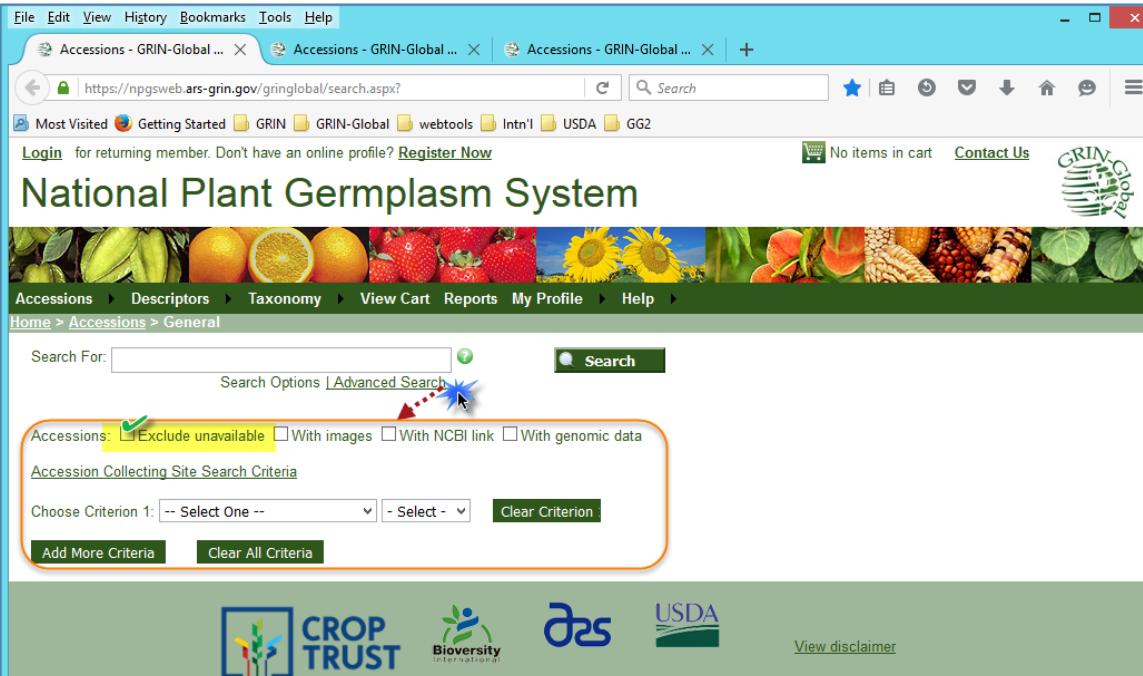
Retrieve:

Accessions:  Exclude unavailable  With images  With NCBI link  With genomic data



- Exclude unavailable
- With images
- With NCBI link
- With genomic data

Advanced options – change to **Exclude unavailable**



File Edit View History Bookmarks Tools Help

Accessions - GRIN-Global ... X Accessions - GRIN-Global ... X Accessions - GRIN-Global ... X

https://npgsweb.ars-grin.gov/gringlobal/search.aspx? | Search

Most Visited Getting Started GRIN GRIN-Global webtools Int'l USDA GG2

Login for returning member. Don't have an online profile? [Register Now](#)

No items in cart Contact Us

**National Plant Germplasm System**

Accessions Descriptors Taxonomy View Cart Reports My Profile Help

Home > Accessions > General

Search For: ? Search

Search Options [Advanced Search](#) (mouse cursor)

Accessions:  Exclude unavailable  With images  With NCBI link  With genomic data

Accession Collecting Site Search Criteria

Choose Criterion 1: -- Select One -- - Select - Clear Criterion

Add More Criteria Clear All Criteria

CROP TRUST Biodiversity International DCS USDA

[View disclaimer](#)

## Advanced Options:

Country of Origin: Philippines

[Login](#) for returning member. Don't have an online profile? [Register Now](#)

# National Plant Germplasm System



Accessions ▶ Descriptors ▶ Taxonomy ▶ View Cart Reports My Profile ▶ Help ▶  
Home > Accessions > General

Search For: oryza [?](#) [Search](#)  
[Search Options](#) | [Advanced Search](#)

Accessions:  Exclude unavailable  With images  With NCBI link  With genomic data

[Accession Collecting Site Search Criteria](#)

Choose Criterion 1:  [Select -](#) [Clear Criterion](#)  
[Add More Criteria](#)

-- Select One --  
accession group name  
accession identifier range  
accession life form  
accession pedigree  
accession plant name  
accession restriction type  
accession source habitat type  
accession source type  
**country of origin**  
germplasm form  
germplasm repository site  
improvement level



[Login](#) for returning member. Don't have an online profile? [Register Now](#)  No items in cart

# National Plant Germplasm System



Accessions ▶ Descriptors ▶ Taxonomy ▶ View Cart Reports My Profile ▶ Help ▶  
Home > Accessions > General

Search For: oryza [?](#) [Search](#)  
[Search Options](#) | [Advanced Search](#)

Accessions:  Exclude unavailable  With images  With NCBI link  With genomic data

[Accession Collecting Site Search Criteria](#)

Choose Criterion 1: **country of origin** [Select -](#) [Clear Criterion](#)

Accession source country State  
**Philippines**

[Add More Criteria](#) [Clear All Criteria](#)



[View disclaimer](#)

## Accession Collecting Site Search Criteria

elevation range: 100 – 800

The screenshot shows a web browser window for the National Plant Germplasm System. The URL is https://npgsweb.ars-grin.gov/gringlobal/search.aspx. The page title is "National Plant Germplasm System". The search bar contains "oryza". Below it, there are search options: "Search Options | Advanced Search". A red arrow points from the text "elevation range: 100 – 800" to the "Elevation (m)" input field, which has "100" and "800" highlighted in yellow. The "Collecting date:" field is empty. The "Collecting note:" dropdown is set to "Contains". At the bottom, there are buttons for "Choose Criterion 1", "Add More Criteria", and "Clear All Criteria".

### Wild cards

- **weedy red rice** vs. **%weedy red rice%** vs. **'%weedy red rice%'**
- -- the \* equals %
  - the \_ is a single character wild card
  - use single quotes to create a single term (text string) as in: '%weedy red rice%'
- Rule of thumb – start with a broad search; then narrow your net

# Descriptors

## Example: Days to Flower & Hull Color

The screenshot shows the GRIN Global Descriptors search page for the crop RICE. The URL is https://npgsweb.ars-grin.gov/gringlobal/descriptors.aspx. The search term 'white pine' is entered in the search bar. The main interface includes sections for 'Choose Crop' (set to RICE), 'Choose descriptor(s)', and 'Select descriptor values'. A banner at the top features various plant images. A red circle labeled '1' points to the 'Descriptors' link in the top navigation bar. A red circle labeled '2' points to the dropdown menu where 'RICE' is selected. A red circle labeled '3' points to the 'Clear Descriptor Choices' button. A red circle labeled '4' points to the 'Clear Descriptor Values' button.

This is a zoomed-in view of the 'Days to Flower (18584)' and 'Hull Color (20543)' dropdown menus. The 'Days to Flower' menu shows values 35, 36, 37, and 38. The 'Hull Color' menu shows values 1=WHITE, 2=STRAW, 3=GOLD, LIGHT OR DEEP, and 4=TAWNEY OR RUSSET. A red callout bubble with the text 'Hold Ctrl and click for multiple selections' points to the 'Hull Color' dropdown, indicating that multiple items can be selected simultaneously.

## Export & Excel...

- Selecting; using: All / None / Inverse / Highlighted
- Export

Accessions ▶ Descriptors ▶ Taxonomy ▶ View Cart Reports My Profile Help ▶

Home > Descriptors > Descriptors

Query Criteria:

Crop: RICE  
Days to Flower Less Than or Equal To 45;  
Hull Color Equal To 1; 6; 7; 8;

Results match all trait conditions.

Choose Crop: **RICE**

RICE New Search

Choose descriptor(s): Clear Descriptor Choices

Select descriptor values: Clear Descriptor Values

Results:

Actions... **2 Export with Options**

Select: All, None, Inverse, Highlighted Options: Show All items << < 1 - 6 > >> Export...

Group By: Plant ID Days to Flower Hull Color +

Plant ID	Days to Flower	Hull Color
1 30967	37	MOTTLED, SPECKLED, OR PIEBALD
PI 637532	42	MOTTLED, SPECKLED, OR PIEBALD
PI 637574	38	WHITE
GSOR 310208	45	MOTTLED, SPECKLED, OR PIEBALD
GSOR 310226	35	MOTTLED, SPECKLED, OR PIEBALD
GSOR 311685	35	MOTTLED, SPECKLED, OR PIEBALD

Show All items << < 1 - 6 > >>

2 Results:  
Actions... Export with Options  
Add selected to order 3 Opt  
Remove selected from results ... Days to Flower

or

1

## Export with Options

Mozilla Firefox - https://npgsweb.ars-grin.gov/gringlobal/descriptorexport.aspx

Descriptor Demo 2016march03.docx - Microsoft Word Document

Essential fields (included automatically)

- Accession prefix
- Accession number
- Actual evaluation/characterization value
- Descriptor name
- Evaluation method name

Optional fields

- Accession suffix
- Plant name (cultivar or other identifier)
- Species name
- Country where collected/developed
- Original value when ob value is standardized
- Frequency within the accession this ob value occurs
- Minimum value for this accession
- Maximum value for accession
- Average value for accession
- Standard deviation for accession
- Sample size for above statistics
- Inventory prefix
- Inventory number
- Inventory surfix
- Comment about the accession

Export Selected Traits      Export All Traits

1 - 6 of 6 >> Export

PIEBALD  
PIEBALD  
PIEBALD  
PIEBALD  
PIEBALD

# My Profile

If registered...

## Shopping Cart

### My Favorites

Logout mar@rrginc.com [Contact Us](#) 

## National Plant Germplasm System



Accessions Descriptors Taxonomy View Cart Reports My Profile Tools Help

Please review your cart items (57 items):

ID	Plant Name	Taxonomy	Form Distributed	Maintained by	Restrictions	
<a href="#">W6 25</a>	M89-1	<a href="#">Cicer arietinum</a>	30	Display/Manage My Favorites	16	<a href="#">Remove</a> 
<a href="#">Clor 654</a>	Malagquit Minantika	<a href="#">Oryza sativa</a>	5	Seed	NSGC	<a href="#">Remove</a> 
<a href="#">Clor 2697</a>	Dinalugot	<a href="#">Oryza sativa</a>	5	Seed	NSGC	<a href="#">Remove</a> 
<a href="#">Clor 3171</a>	Quinanda Pula	<a href="#">Oryza sativa</a>	5	Seed	NSGC	<a href="#">Remove</a> 
<a href="#">Clor 3182</a>	Buabo	<a href="#">Oryza sativa</a>	5	Seed	NSGC	<a href="#">Remove</a> 

### Order Status Management

Logout mar@rrginc.com

## National Plant Germplasm System



Accessions Descriptors Taxonomy View Cart Reports My Profile Tools Help

Home Page > My Profile > My Order History

You have submitted 31 germplasm order(s).

order placed on:	view detail	send now!
<b>February 25, 2016</b>	<a href="#">view detail</a>	<a href="#">send now!</a>
Order Request Number: 5383		
order placed on:		
<b>February 25, 2016</b>	<a href="#">view detail</a>	<a href="#">send now!</a>
Order Request Number: 5382		
order placed on:		
<b>February 18, 2016</b>	<a href="#">view detail</a>	<a href="#">asap</a>
Order Request Number: 5378		

## Images

Use the browser's viewing capabilities to zoom in and out.

Example:

- Ames 25762 (or PI 653412)
- zoom in/out/normal: **Ctrl + / Ctrl - / Ctrl 0**
- to use the “magnifying glass”  
Firefox: right-click  
Chrome: Open image in new tab  
IE: View...

## Geographic Mapping

Accessions with their latitude / longitude location information can be viewed as point in Google Map.

Example:

**PI 618012**

- google maps

## URL LINKS

### Linking One Specific Accession

Link to one specific accession - new syntax:

<https://npgsweb.ars-grin.gov/gringlobal/accessiondetail.aspx?accid=PI+345678>

### Examples of former GRIN links that are redirected to GRIN-Global

<http://www.ars-grin.gov/cgi-bin/npgs/acc/display.pl?1002483>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/acchtml.pl?1637698>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?25429>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/taxgenform.pl>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/taxfam.pl>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/queries.pl>  
<http://www.ars-grin.gov/npgs/searchgrin.html>  
[http://www.ars-grin.gov/npgs/acc/acc\\_queries.html](http://www.ars-grin.gov/npgs/acc/acc_queries.html)  
<http://www.ars-grin.gov/cgi-bin/npgs/html/genus.pl?15203>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/family.pl?1111>  
<http://www.ars-grin.gov/cgi-bin/npgs/html/splist.pl?13928>