

## Searching the Nordic Baltic Genebanks

### General Search

If you are looking for an accession that you already know the accession number or name of, you can type it in the **Search For** field. Spaces need to be included when searching for accession numbers, e.g. write NGB 1234 not NGB1234, but spaces in the accession name need to be replaced with the wildcard “%” or “\*”. The search function is not case sensitive.

The screenshot shows a search interface with the following elements:

- Search For:** Input field containing "ngb 2032".
- Display:** Dropdown menu set to "Accessions".
- Accessions:** Checkboxes for "Include unavailable", "Include HISTORIC", "With images", "With NCBI link", and "With genomic data".
- Advanced Search Criteria:** Link to advanced search criteria.
- Return up to:** Dropdown menu set to "500" accessions.
- Search:** Green button.
- Alternative Search method:** Checkbox for "Alternative Search method using a list of accession identifiers".
- Actions...:** Dropdown menu.
- Select:** "All, None, Inverse, Highlighted".
- Options:** "Show All items <<< 1 - 1 of 1 >>> Export...".
- Group By:** Dropdown menu set to "Plant ID".
- Table:**

<input type="checkbox"/>	Plant ID	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability
<input type="checkbox"/>	NGB 2032	Matador Nobio	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>
- Footer:** "Show All items <<< 1 - 1 of 1 >>>".

Searching by accession number. The letter prefix denoting genebank is separated from the numbers by a space.

The screenshot shows a search interface with the following elements:

- Search For:** Input field containing "matador%nobio".
- Display:** Dropdown menu set to "Accessions".
- Accessions:** Checkboxes for "Include unavailable", "Include HISTORIC", "With images", "With NCBI link", and "With genomic data".
- Advanced Search Criteria:** Link to advanced search criteria.
- Return up to:** Dropdown menu set to "500" accessions.
- Search:** Green button.
- Alternative Search method:** Checkbox for "Alternative Search method using a list of accession identifiers".
- Actions...:** Dropdown menu.
- Select:** "All, None, Inverse, Highlighted".
- Options:** "Show All items <<< 1 - 1 of 1 >>> Export...".
- Group By:** Dropdown menu set to "Plant ID".
- Table:**

<input type="checkbox"/>	Plant ID	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability
<input type="checkbox"/>	NGB 2032	Matador Nobio	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>
- Footer:** "Show All items <<< 1 - 1 of 1 >>>".

Searching by accession name.

*By default, only currently available accessions show up in the search results. If you want to see all accessions recorded in the system (including **unavailable** and **historic** accessions) you need to select these choices manually by ticking the checkboxes below the search field.*

The screenshot shows the search interface with the following elements:

- Search For:** Empty input field.
- Display:** Dropdown menu set to "Accessions".
- Accessions:** Checkboxes for "Include unavailable", "Include HISTORIC", "With images", "With NCBI link", and "With genomic data". The "Include unavailable" and "Include HISTORIC" checkboxes are circled in red.
- Advanced Search Criteria:** Link to advanced search criteria.
- Return up to:** Dropdown menu set to "500" accessions.
- Search:** Green button.
- Alternative Search method:** Checkbox for "Alternative Search method using a list of accession identifiers".

If you don't know the exact name of an accession, you can use wildcards to search for part of the name. This can also be used to search for partial taxonomy:

Search For:   Display:  

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Alternative Search method using a list of accession identifiers 

Actions... 

Select: All, None, Inverse, Highlighted Options: Show  items << <  of 8 >> Export...

<input type="checkbox"/>	Group By: <input type="text" value="Plant ID"/>	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability	
<input type="checkbox"/>	<a href="#">NGB 2029</a>	Matador Darko	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2045</a>	Matador	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2030</a>	Matador Fanfare	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2031</a>	Matador Matarno	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 12138</a>	Matador "Matarno"	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 12137</a>	Matador	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2032</a>	Matador Nobio	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 594</a>	Matador	<a href="#">Brassica napus</a>	Sweden	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	

Show  items << <  of 8 >>

### Alternative Search

You can search for a list of accessions by ticking the box marked **Alternative Search**.

Search For:

Display:  

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Alternative Search method using a list of accession identifiers 

Search For:   
ngb 2032  
ngb 2024 

Display:  

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Alternative Search method using a list of accession identifiers 

Actions... 

Select: All, None, Inverse, Highlighted Options: Show  items << <  of 3 >> Export...

<input type="checkbox"/>	Group By: <input type="text" value="Plant ID"/>	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability	
<input type="checkbox"/>	<a href="#">NGB 2024</a>	Første Snit Diskant	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2030</a>	Matador Fanfare	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	
<input type="checkbox"/>	<a href="#">NGB 2032</a>	Matador Nobio	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>	

Show  items << <  of 3 >>

Search For:   
 Matador Fanfare  
 Matador Nobio

Display:

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Alternative Search method using a list of accession identifiers

Actions...

Select: All, None, Inverse, Highlighted Options: Show  items <<  of 3 >> Export...

<input type="checkbox"/>	Group By: <input type="text" value="Plant ID"/>	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability
<input type="checkbox"/>	NGB 2024	Første Snit Diskant	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>
<input type="checkbox"/>	NGB 2030	Matador Fanfare	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>
<input type="checkbox"/>	NGB 2032	Matador Nobio	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>

Show  items <<  of 3 >>

For technical reasons, it is not possible to search for a list of only numbers.

## Advanced Search

A more advanced search can be made by clicking **Advanced Search Criteria**.

Search For:

Display:

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Alternative Search method using a list of accession identifiers

Here, several search criteria can be selected to refine search results. Drop down menus help the user choose between predefined options. To run the search, click the search button above the criterion selector or hit Enter on your keyboard.

## Search by group

If you are interested in material belonging to a certain group, you can limit your search to material from that group through the advanced search. This is done by choosing **accession group name** as a criterion.

Search For:

Display:

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to  accessions

Accession Collecting Site Search Criteria

Choose Criterion 1:  Equal To   
 Alopecurus collection in Iceland 2012-2013  
 Anthocyanin mutants  
 Barley cv. Bonus near isogenic lines

Alternative Search method using a list of accession identifiers

This search method also allows limiting the search to material from one specific gene bank. To do this, select **germplasm repository site** from the criterion drop down menu and scroll down to the desired gene bank.

If you are interested in material originating from a particular location it is possible to filter by **country of origin**. Select the desired country from the drop-down menu.

Search For:  ? Display: Accessions ?

Accessions:  Include unavailable  Include HISTORIC  With images  With NCBI link  With genomic data

**Advanced Search Criteria** Return up to 500 accessions Search

Accession Collecting Site Search Criteria

Choose Criterion 1: country of origin Clear Criterion

Accession source country State  
Denmark

Add More Criteria Clear All Criteria

Alternative Search method using a list of accession identifiers ?

*State does not have to be selected and may in fact impair the search as that information is not always available.*

The advanced search can be opened without deleting your current search results, allowing for a gradual refinement of search results according to user needs.

## Detailed information

To access the detailed information for an accession, click the Accession ID:

Group By:	Plant Name	Taxonomy	Origin	Material	Maintained By	Availability
<input type="checkbox"/> Plant ID	Første Snit Diskant	<a href="#">Spinacia oleracea</a>	Denmark	Seed	<a href="#">NORDGEN</a>	<a href="#">Add to Cart</a>

**NGB 2024**

**Spinacia oleracea L.**

Collected from:	Denmark
Maintained by:	<a href="#">Nordic Genetic Resource Center</a>
Received:	02-Jan-1980
Backup location:	
Life form:	
Pedigree:	
Improvement status:	Advanced or improved cultivar
Reproductive uniformity:	
Form received:	Seed
Digital Object Identifier:	<a href="#">466</a>

**Accession names and identifiers**

Type:	Første Snit Diskant
	Accession name

Status: Available  
 Amt Distributed: 250  
 Type Distributed: Seed

Add to My Favorites  
Add to Order

From here it is possible to add the accession to a list of favorites if you want to come back to it later. In order to do this, you need to be logged in to your account. Your favorites are accessed from your profile, found by clicking **My Profile** at the top of the website.



For information on the ordering process, see “Ordering from the Nordic Baltic Genebanks”.

If you have further questions don't hesitate to contact us at: [grin@nordgen.org](mailto:grin@nordgen.org)