

# seedsoft User Manual

Product Life cycle management for innovative Seed companies



## Versioning:

<b>Version</b>	<b>Date</b>	<b>Author</b>	<b>Main changes</b>
1.0	20/09/2024	Maryam	First published version
1.1	14/10/2024	Maryam	Updated the catalogue, observations, trial and organization module descriptions.
1.2	14/11/2024	Maryam	Updated the catalogue (templates), variety images tools, observations files/media view
1.3	04/12/2024	Maryam	DAM, Observation charts, Trial varieties (replications and custom fields)
1.4	22/12/2024	Maryam	Improved and added content to DAM, Charts, and the assets tab in varieties
1.5	28/04/2025	Maryam	Added Tasks, profile & notification settings
2.0	10/03/2026	Anna	Added Dashboard, updated variety and catalogue module

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## Introduction

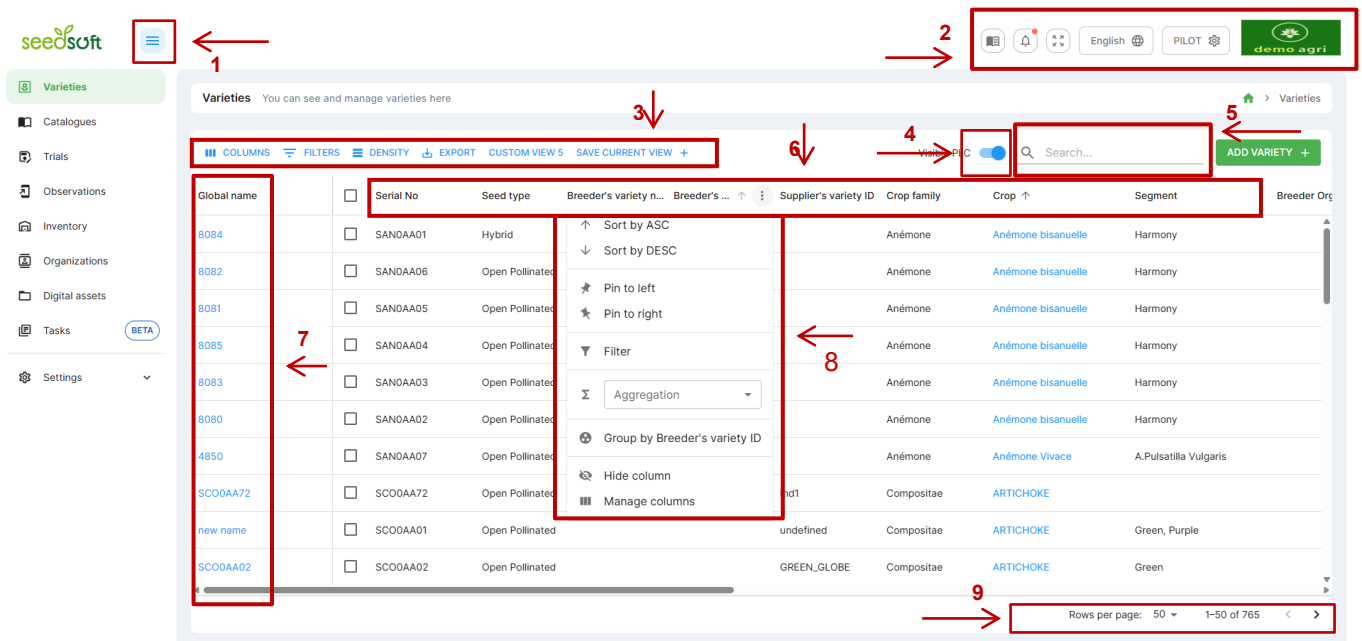
Seedsoft is designed to assist you in efficiently managing portfolio of Seeds Varieties, their Life Cycle and the corresponding trials.

The system has seven main interconnected modules:

- [Dashboard](#)
- [Variety](#)
- [Catalogue](#)
- [Trial](#)
- [Observation](#)
- [Inventory](#)
- [Organizations](#)
- [Digital Asset \(DAM\)](#)
- [Task/Note](#)

Throughout the next pages, each module will be explained in detail.

# Navigation of the SeedSoft system



1. By clicking on the menu button, you can **expand or collapse** the menu section. **Update:** When the menu is closed, you can quickly access menu items by hovering your mouse over the menu area, which will open the menu.
2. In new top bar design, you can manage **profile settings**, change the language, expand the page (full view), **view notifications** (currently only for tasks), and add varieties to an existing or new catalogue. Your logo is also displayed in the top right corner.
3. Using the **tools** at the top of the lists, you can **manage and control your data grid**. Filter, arrange columns, define density, and export the selected varieties. **Any changes** made at this level can be saved under your desired title using **"Save Current View,"** which is next stored in **"Custom View"** next to it for your future access to the same customized list. These changes could include

applying filters, expanding lists, using column menu items, changing the order or size of the columns and more.

4. By toggling this switch, you can change the **status of the table**, depending on which table you're using.
5. There is an **advanced search** field at the top of each list where you can search and view any item that you need from the list. This is a full-text search considering **everything stored in the database for a particular module**.
6. In each data grid, you'll have access to various properties for each column. Some are fixed in every table, but the admin can also add custom fields and decide whether they should be displayed in the tables or not.
7. The blue color indicates a link, and by clicking on it, the relevant details will be displayed.
8. By clicking on the menu icon next to each column title, you can sort, pin, filter, set aggregation, group, hide/show, and manage columns. The menu for numerical columns is located on the left side of the column title.
9. At the bottom right, you can access pagination and easily navigate through pages. **Note: It is better to perform any operations on the lists (like search, sort, filter, etc) after loading is finished to ensure accurate results.**

## Profile Settings:

In the profile settings dialog, you'll first see your username and email.

## At the bottom, there are two sections where you can manage **General Settings** and **Notification Settings**.

- In General Settings, you can choose to show or hide your contact information from others, set a **default date format** (which will be applied to all dates across the system), and choose whether you want the timezone to be set automatically or manually (**All times, including task due dates and times, will follow your selected timezone in your profile.**)
- In Notification Settings, you can choose whether you want to receive **web or mobile app notifications**, and also set a **default reminder** for all tasks. (**You can remove this default reminder later for any individual task if you don't need it.**)

The screenshot displays the seedsoft application interface. On the left is a navigation sidebar with options: Varieties, Catalogues, Trials, Observations, Inventory, Organizations, Digital assets, **Tasks** (highlighted with a 'BETA' badge), and Settings. The main area shows a 'Tasks' table with columns: Title, Assignee, Reporter, Type, and Relation. The table contains 12 rows of task data. An 'Account' settings modal is open over the table, showing sections for 'General settings' (with a 'CONFIRM' button), 'Contact info' (with a toggle for 'Show/hide contact info'), 'Default date format' (set to 'EUR(Day/Month/Year)'), and 'Select time zone automatically' (set to 'Asia/Tehran'). At the bottom of the modal is a 'Logout' button. The table footer indicates 'Rows per page: 50' and '1-12 of 12'.

Title	Assignee	Reporter	Type	Relation
Visit farmer bab	pilot	maciej-seedsoft	Call or meeting	513 - Dev Y2 trial Egypt, Wat F
remind me	maciej-seedsoft	maciej-seedsoft	Data update	SCH0AA22
Talk to Maryam	maciej-seedsoft	maciej-seedsoft	Call or meeting	Blue ribbon
Visit before harvest	mark	maciej-seedsoft		498 - Demo Trial Luxor
Visit trial	Maryam	maciej-seedsoft	Call or meeting	513 - Dev Y2 trial Egypt, Wat B
Talk about new Watermelon	maciej-seedsoft	maciej-seedsoft		Blue ribbon
check status with farmer	maciej-seedsoft	maciej-seedsoft	Data update	224 - Egypt - WATERMELON
test	roger	roger		
test	pilot	pilot		498 - Demo Trial Luxor
Sample task	pilot	pilot		BlessedSeed



- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Digital assets
- Tasks** BETA
- Settings

Tasks You can see and manage tasks here

COLUMNS FILTERS DENSITY EXPORT CUSTOM VIEW 0 SAVE CURRENT VIEW +

Title	Assignee	Reporter	Type	Relation
Visit farmer bab	pilot	maciej-seedsoft	Call or meeting	513 - Dev Y2 trial Egypt, Wat F
remind me	maciej-seedsoft	maciej-seedsoft	Data update	SCH0AA22
Talk to Maryam	maciej-seedsoft	maciej-seedsoft	Call or meeting	Blue ribbon
Visit before harvest	mark	maciej-seedsoft		498 - Demo Trial Luxor
Visit trial	Maryam	maciej-seedsoft	Call or meeting	513 - Dev Y2 trial Egypt, Wat B
Talk about new Watermelon	maciej-seedsoft	maciej-seedsoft		Blue ribbon
check status with farmer	maciej-seedsoft	maciej-seedsoft	Data update	224 - Egypt - WATERMELON
test	roger	roger		
test	pilot	pilot		498 - Demo Trial Luxor
Sample task	pilot	pilot		BlessedSeed

Rows per page: 50 1-12 of 12

Account

**pilot**  
heidari.m84@gmail.com

General settings

Notification settings

Mobile notifications

Web notifications

Set default reminder

30 minutes before task

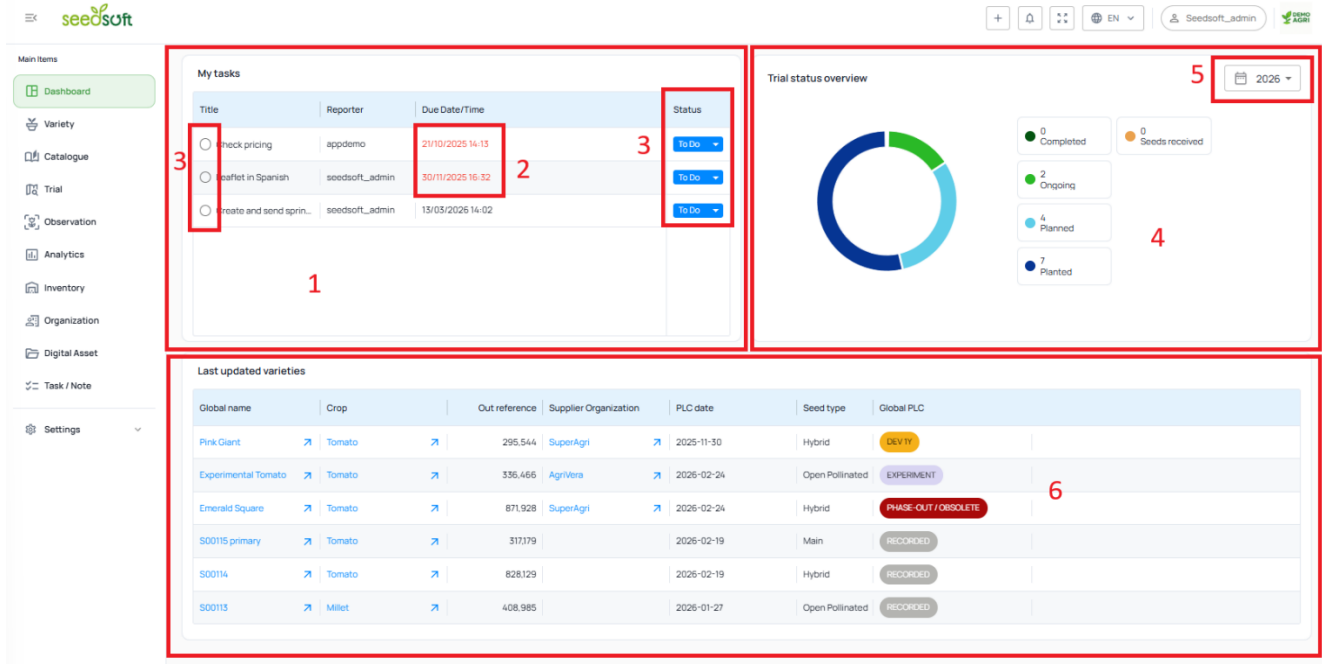
Email notifications

CONFIRM

Logout

# Dashboard

Dashboard provides a clear, visual overview of the most important information immediately. Designed for efficiency, it helps users quickly assess key metrics and stay updated on critical tasks.



## My tasks (1)

In this section you can see all tasks assigned to you in one place, including deadlines. If the date is in red (2), it means your task is past the deadline. You can also directly change the task status to "done" (3) by clicking the circular checkbox on the left side of the task or by changing the status in the "Status" column.

## Trial Status Overview (4)

This section shows a visual summary of trial statuses (e.g., Ongoing, Completed, Planned) provides an instant snapshot of progress across all trials.

Filter by Year (5): You can select a specific year to focus on trials from that period, making it easier to analyze trends or review historical data.

### **Recently Updated Varieties (6)**

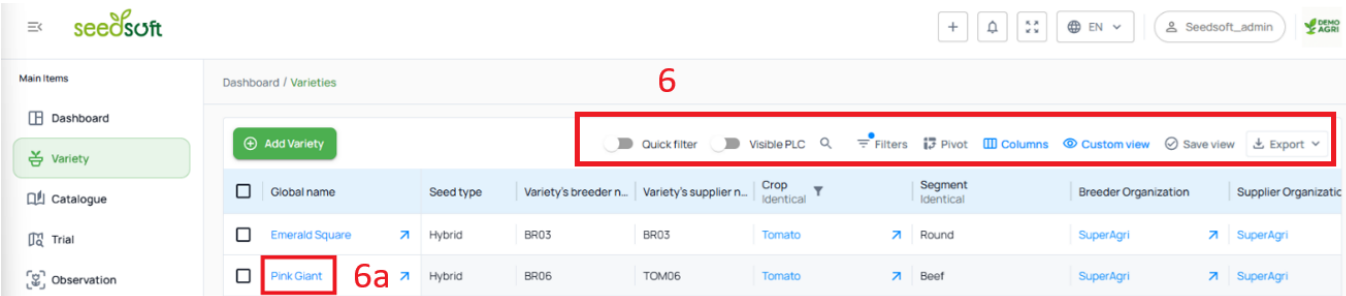
A table at the bottom of the Dashboard displays the most recently updated varieties, allowing you to quickly track changes or new additions.

## Variety Module

This module provides a comprehensive space to store, maintain, and report on all varietal data. It allows users to organize and analyze key information, ensuring full visibility and control throughout the variety's lifecycle.

### Variety table

Like all tables in SeedSoft, the varieties table is fully customizable and supports all standard table operations (6), such as filtering, custom views. For the Variety table, we have additional bulk actions available. These allow for quick creation of a catalogue and editing certain fields for multiple varieties simultaneously. You can find more information about these actions in the "[Bulk Actions](#)" subsection.



6

<input type="checkbox"/>	Global name	Seed type	Variety's breeder n...	Variety's supplier n...	Crop Identical	Segment Identical	Breeder Organization	Supplier Organizati...
<input type="checkbox"/>	<a href="#">Emerald Square</a>	Hybrid	BR03	BR03	Tomato	Round	SuperAgri	SuperAgri
<input type="checkbox"/>	<a href="#">Pink Giant</a> 6a	Hybrid	BR05	TOM06	Tomato	Beef	SuperAgri	SuperAgri

By clicking on a variety's global name (6a), a variety page will open that includes nine sections (7), and at the top, above the sections, there are navigation buttons (8), that allow you to move to the next/previous variety that you previously saw in the variety list.

seedsoft


EN Seedsoft\_admin

Dashboard / Varieties / Pink Giant

Previous Next 8

Description Price Guide GTM/Local Pricing/PLC Trials Observations Availability - Stock Assets Tasks Notes 7

Global name	Pink Giant	Variety's supplier name	TOM06
Serial No	S00006	Supplier ID	11
Global crop	Vegetables	Supplier Organization	<a href="#">SuperAgri</a>
Crop family	Solanaceae	Variety's breeder name	BR06
Crop	<a href="#">Tomato</a>	Breeder ID	11



- [Description](#)
- [Price guide](#)
- [GTM/Local pricing/PLC](#)
- [Trials](#)
- [Observations](#)
- [Availability stock](#)
- [Assets](#)
- [Tasks](#)
- [Notes](#)

## Description:

**Section 1:**

Global name	Pink Giant
Serial No	S00006
Global crop	Vegetables
Crop family	Solanaceae
Crop	Tomato
Segment	Beef, Orange
Production cycle	Main
Seed type	Hybrid
Out reference	295544

**Section 2:**

Marketing description	Unique beef tomato variety th
Stocking strategy	Produced to order
ERP No.	TOM007
Date of the first GTM	-

Variety's supplier name	TOM06
Supplier ID	11
Supplier Organization	SuperAgri
Variety's breeder name	BR06
Breeder ID	11
Breeder Organization	SuperAgri
Global PLC	Dev 1y
PLC date	30/11/2025
PLC remarks	Initial

**Section 3:**

Trait	Value
Maturity	Late
Fruit shape	Round
Fruit colour	Pink

1. The first section provides an overview of variety - The main data - includes standard fields that are essential for describing and managing each variety.

**Global Name:** The unique name of the variety.

**Serial No:** A unique identifier for the variety, auto-generated according to the schema agreed with the client.

**Global crop:** The type of global crop e.g. Vegetables, Field Crops

**Crop Family:** The botanical family of the crop (e.g., Solanaceae).

**Crop:** The type of crop (e.g. Tomato, Watermelon).

**Segment:** The market segment the variety belongs to (e.g., Elongated, Crimson Sweet).

**Seed Type:** The type of seed (e.g., Hybrid, Open Pollinated).

**Out reference:** A unique number generated by the system

**Variety's supplier name:** The name given by the supplier.

**Supplier ID:** The ID assigned to the supplier.

**Supplier Organization:** The name of the supplier.

**Variety's breeder name:** The name given by the breeder.

**Breeder ID:** The ID assigned to the breeder.

**Global PLC:** Current global Product Life Cycle

**PLC date:** The date when the current PLC status was assigned

**PLC remarks:** Additional notes or comments related to the PLC status or changes.

**Variety image:** When you click on an image, you can use the zoom in/zoom out tools and download images from the available selection

2. The second part contains custom fields - fully customizable by SeedSoft client. Custom fields are additional fields that can be added by administrators regardless of the crop to capture specific data relevant to your organization. These fields are fully customizable and can be tailored to meet unique business needs.
3. The last section includes traits that are crop specific. A typical example could be a Watermelon trait called: 'Seedless', which applies to Watermelon but could not be used for Carrot.

Nearly all data fields for a variety can be edited, except for Crop, Crop Family and Global Crop. To edit a variety, simply hover over the desired field - it will become active for editing, and changes will be saved automatically.

## Price Guide:

This section supports the collection of high-level pricing information per variety, enabling businesses to set base prices and handle multiple currencies. It supports pricing in different units of measure, such as per kilogram or per unit, and allows for defining validity periods to ensure up-to-date pricing.

With the Price Guide, users can track margins at various stages of the supply chain, from supplier to distributor to farmgate.

Using the add and edit buttons, you can add a new price guide or edit existing ones.

The screenshot shows the 'Price Guide' section of a software interface. At the top, there is a navigation bar with tabs for 'Description', 'Price Guide', 'GTM/Local Pricing/PLC', 'Trials', 'Observations', 'Availability - Stock', 'Assets', 'Tasks', and 'Notes'. Below the navigation bar, there is a green button labeled 'Add Price Guide' with a plus icon, which is highlighted with a red box. Below this button, there are two price guide entries. The first entry is 'Bulk and treated kg 06/11/2025' and the second is 'Packed kg 29/10/2025'. Each entry has a yellow edit button in the top right corner, which is highlighted with a red box. Below each entry is a table with columns for 'Incoterms', 'Currency', 'Amount', 'Reference currency', and 'Margin'. The 'Reference currency' column has a dropdown menu set to 'USD'. The 'Margin' column shows percentages for the 'Wholesaler' and 'Distributor' rows.

	Incoterms	Currency	Amount	Reference currency USD	Margin
Supplier	CFR	EGG	-	-	-
Additional cost			-	-	-
Cost			-	-	-
Wholesaler			-	-	-
Distributor			-	-	-
Recommended farmgate			-	-	-

	Incoterms	Currency	Amount	Reference currency USD	Margin
Supplier	Ex-works	EUR	520.00	520.000	-
Additional cost			-	-	-
Cost			520.00	520.000	25 %
Wholesaler	Ex-works	EUR	650.00	650.000	21.54 %
Distributor	Ex-works	EUR	790.00	790.000	20.25 %
Recommended farmgate		EUR	950.00	950.000	-

## GTM/Local Pricing/PLC

This section is used to manage Go-To-Market (GTM) strategies, local pricing adjustments, and Product Life Cycle (PLC) statuses. It allows users to track PLC transitions in specific regions -local PLC statuses can differ from Global PLC statuses, allowing users to override global PLC settings for specific markets.

In this section, you will find detailed information (1) such as: Region, Local PLC, Validity start date, Allocation status, Exclusive, Currency, Price and Price in base UoM, Brand.

Additionally, you can define your own custom fields to collect extra data tailored to your organization's specific needs.

Using the add (2) and edit (3) buttons, you can add a new region's market data or edit existing ones.

The screenshot shows the 'GTM/Local Pricing/PLC' section of a dashboard. At the top, there is a navigation bar with tabs for 'Description', 'Price Guide', 'GTM/Local Pricing/PLC' (highlighted with a red box and a '2'), 'Trials', 'Observations', 'Availability - Stock', 'Assets', 'Tasks', and 'Notes'. Below the navigation bar is a toolbar with an 'Add Record' button (highlighted with a red box and a '2'), a 'Quick filter' toggle, a 'Show all' toggle, a search icon, 'Filters', 'Columns', 'Save view', and 'Export' options. A red box labeled '1' highlights the table header. The table has columns: Region\*, Hierarchy, Local PLC date, Local PLC\*, Validity start date, Allocation status, Exclusive, Currency, Price uom, Brand, Price, and Actions. The table contains five rows of data. The 'Actions' column for each row contains an edit icon (highlighted with a red box and a '3').

Region*	Hierarchy	Local PLC date	Local PLC*	Validity start date	Allocation status	Exclusive	Currency	Price uom	Brand	Price	Actions
Africa	World	18/02/2025	Dev 1y	01/01/2026	Proposed	×	Egyptian pound	1KS	SeedCraft	1843	
Poland	World, Europe	18/11/2025	Dev 1y	16/11/2025	Fixed Price	✓	Polish zloty	1KS	SeedCraft	360	
India	World, Asia	06/01/2025	Dev 2y	29/10/2025	Proposed	×	Indian rupee	5KS	SeedCraft	25300	
Africa	World	06/11/2025	Pre-commercial	12/11/2025	Proposed	×	Egyptian pound	1KS	SeedCraft		
Italy	World, Europe	01/02/2026	Sell-off	23/02/2026	Accepted	×	Euro	5KS	SeedCraft	275	

## Trials

In this section, you can view a detailed overview of all trials linked to a specific variety, including key information such as Trial ID, Trial Name, Country - where the trial is conducted, Date, Trial Type, Trial Status,

Manager, General Result, Longitude and Latitude, etc. (please refer to the [trial module](#) for details).

Dashboard / Varieties **Pink Giant**

Trials

Trial ID	Name	Crop	Country	Hierarchy	Date	Trial type	Trial status	Trait protocol
4	Tomatoes Italy 25	Tomato	Italy	World, Europe	01/09/2025	PRE-COMMERCIAL	PLANTED	Default
17	kairo new 2026	Tomato	Egypt	World, Africa	13/12/2025	DEVELOPMENT	ONGOING	Default
12	Tomatoes IT 2025	Tomato	Italy	World, Europe	01/09/2025	PRE-COMMERCIAL	ONGOING	Default
7	New Variety Portugal	Tomato	Portugal	World, Europe	01/10/2025	DEVELOPMENT	ONGOING	Default

## Observations

This section provides a comprehensive overview of all observations and observation data (1) recorded during trials for a specific variety. This table includes also essential details about trial such as: Trial ID, Trial date, Trial geography, Trial type, etc.

The table also supports custom fields, enabling you to add and manage organization-specific data relevant to your observations.

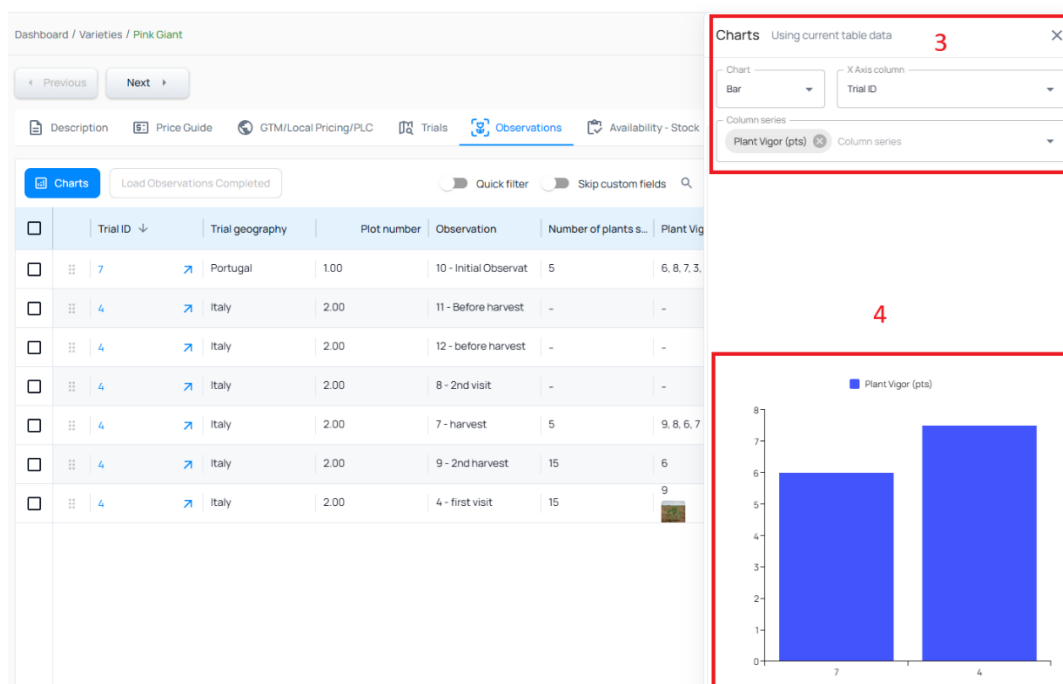
Dashboard / Varieties **Pink Giant**

Observations

2 Observations Completed

Trial ID	Trial geography	Plot number	Observation	Number of plants s...	Plant Vigor (pts)	Plant Cover (pts)	Internodes Length...	Fruit Setting (p
7	Portugal	1.00	10 - Initial Observat	5	6, 8, 7, 3, 6	7, 3, 4, 6, 5	5, 7, 6, 5, 2	5, 4, 7, 6, 5
4	Italy	2.00	11 - Before harvest	-	-	-	-	-
4	Italy	2.00	12 - before harvest	-	1	-	-	-
4	Italy	2.00	8 - 2nd visit	-	-	-	-	-
4	Italy	2.00	7 - harvest	5	9, 8, 6, 7	8, 8, 8, 7	8, 9, 8	9, 8, 6, 8
4	Italy	2.00	9 - 2nd harvest	15	6	2, 9, 2, 4	2, 6, 4, 8	7, 1
4	Italy	2.00	4 - first visit	15	9	8	7	7

In addition to standard table operations, the Observations tab features a Chart function (2), allowing you to generate Bar Charts and Scatter Charts for visual data analysis. These charts dynamically update based on applied filters (3), groupings, or aggregations in the table, providing real-time insights (4) into your observation data.

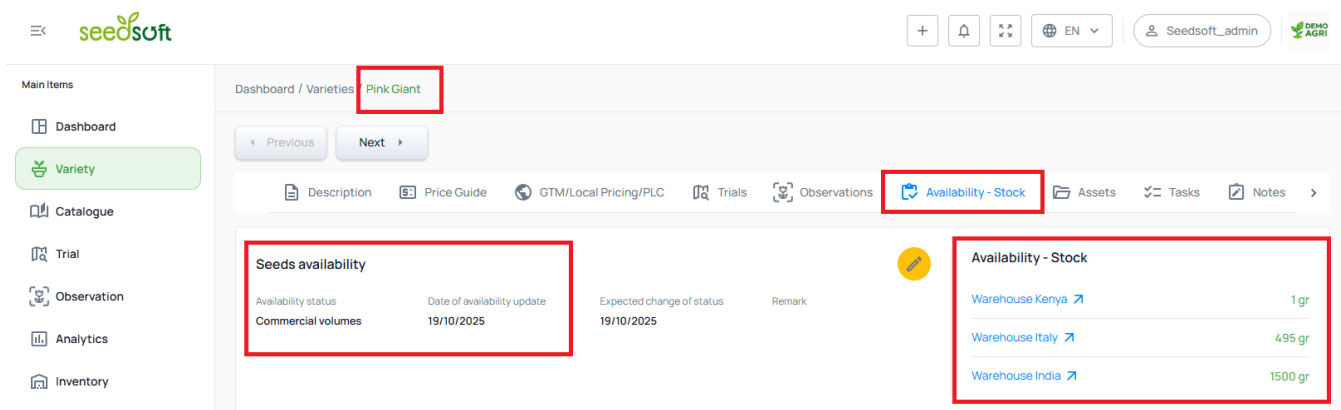


For more details, refer to the "[Observation Module](#)"

## Availability stock

This section tracks the inventory levels for a specific variety, including stock quantities, warehouse locations, and availability statuses. This helps you monitor supply and demand, ensuring efficient stock management for breeding, trials, or sales.

For more details, refer to the "[Inventory Module](#)"

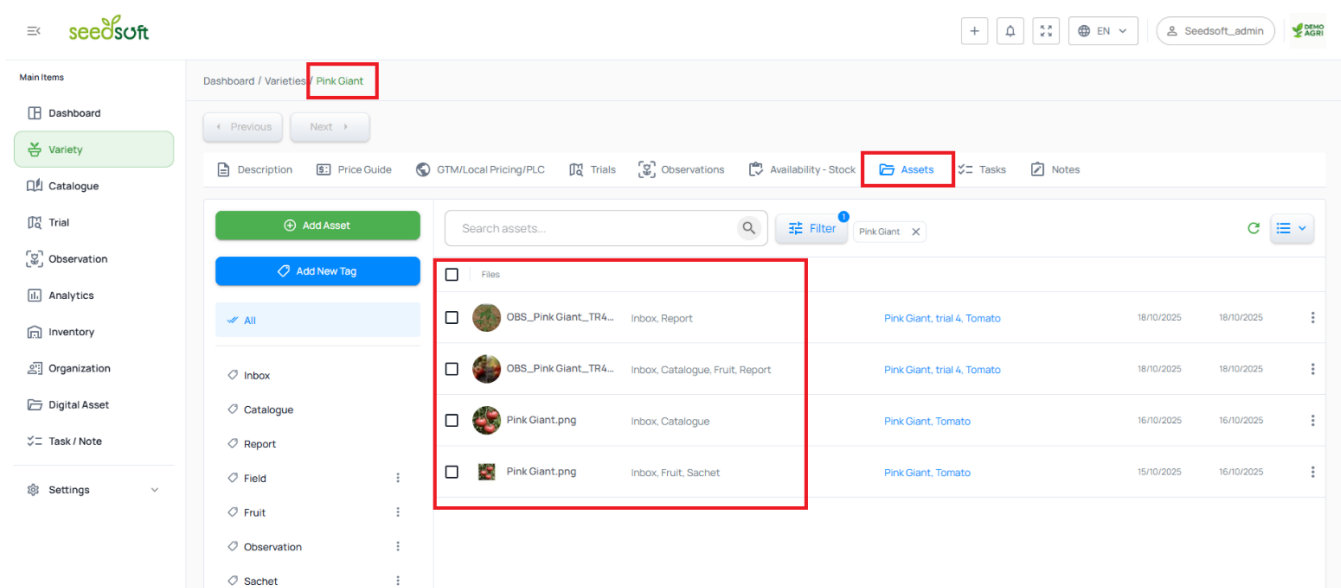


## Assets

The Assets tab displays all digital files associated with a specific variety, such as images, documents, certificates, or marketing materials. These assets can be managed, tagged, and edited here and directly within the Digital Asset Management (DAM) system, ensuring easy access and organization.

**Note:** Any new asset uploaded in this tab will receive the variety name as its relation.

For more details, refer to the "[DAM Module](#)"



## Tasks

This tab allows you to track and manage actions related to a specific variety, such as breeding activities, testing, regulatory submissions, or sales follow-ups. This feature helps streamline workflows, set deadlines, and assign responsibilities to ensure timely completion of tasks.

In this section, you can edit, add, and delete tasks, as well as perform standard table operations like sorting, filtering, and grouping.

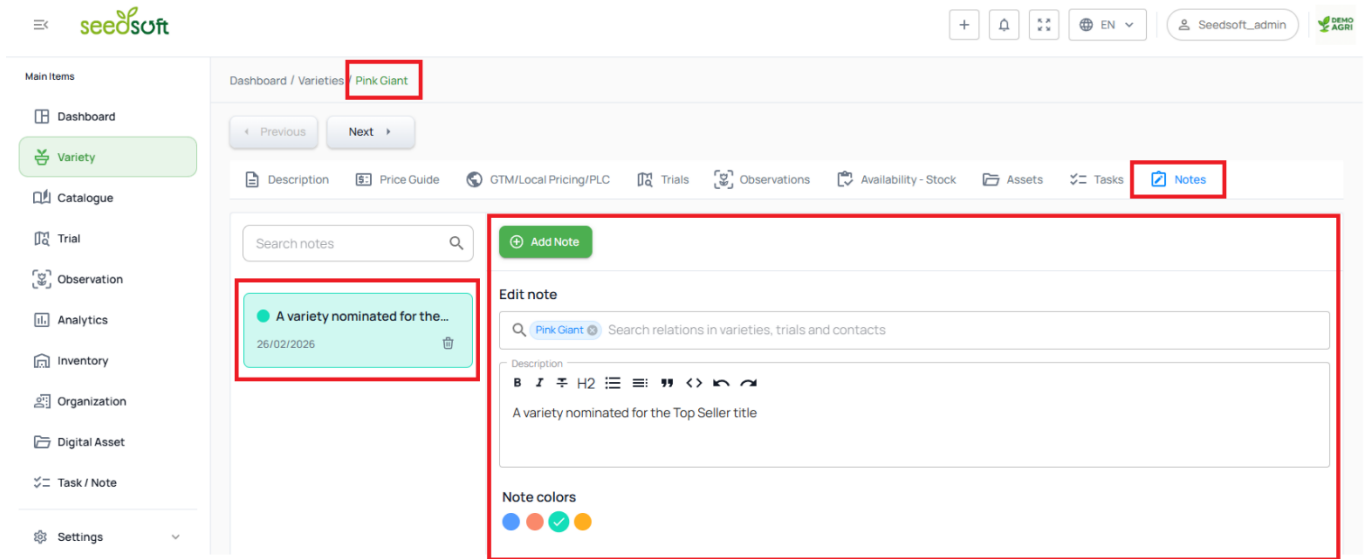
For more details, refer to the "[Task/Note Module](#)".

The screenshot displays the Seedsoft application interface. The top navigation bar includes the Seedsoft logo, user profile (Seedsoft\_Admin), and language settings (EN). The main navigation sidebar on the left lists: Dashboard, Variety (highlighted), Catalogue, Trial, Observation, and Analytics. The main content area is titled 'Dashboard / Varieties / Pink Giant' and features a sub-navigation bar with tabs: Description, Price Guide, GTM/Local Pricing/PLC, Trials, Observations, Availability - Stock, Assets, **Tasks** (highlighted), and Notes. Below the tabs is an 'Add Task' button and several filter toggles: Quick filter, Today's Tasks, My tasks, and Show all tasks. A search bar and 'Filters' button are also present. The table below has the following structure:

Title	Assignee	Reporter	Type	Relation	Due Date/Time	Status	Actions
Send observation report to customers	maciej	seedsoft_admin	Other	Pink Giant	27/02/2026 11:00	To Do	[Edit] [Delete]

## Notes

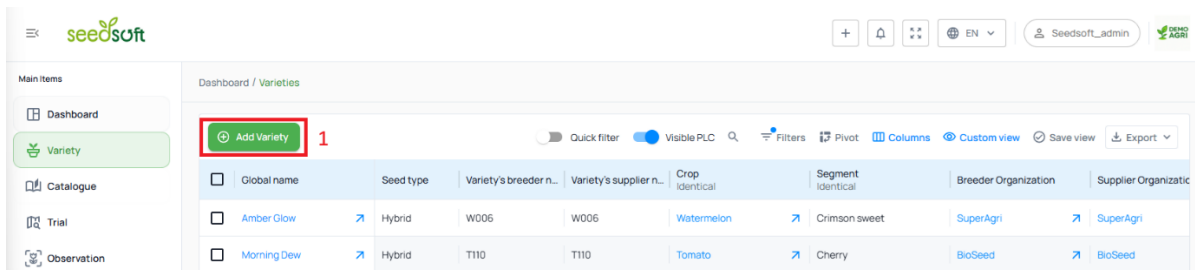
The Notes tab provides a structured space to document, organize, and manage important information related to a specific variety. It allows you to consolidate all relevant information in one place. You can tag, color-code, and link notes directly to a variety. You can also add and edit notes.



For more details, refer to the "[Task/Note Module](#)".

## Add Single Variety

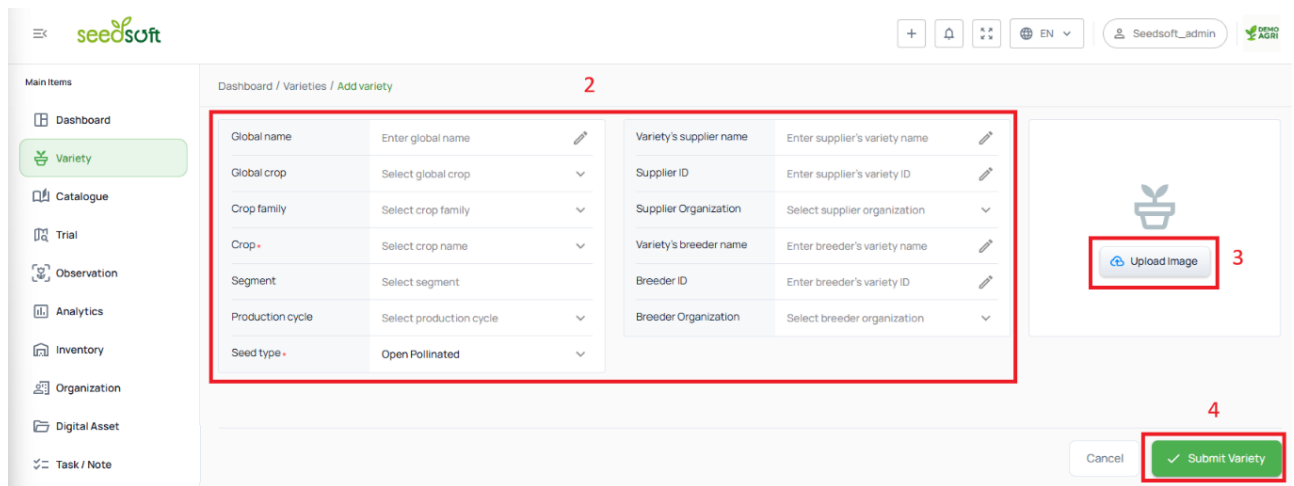
1. On the Variety page, click on "Add Variety."



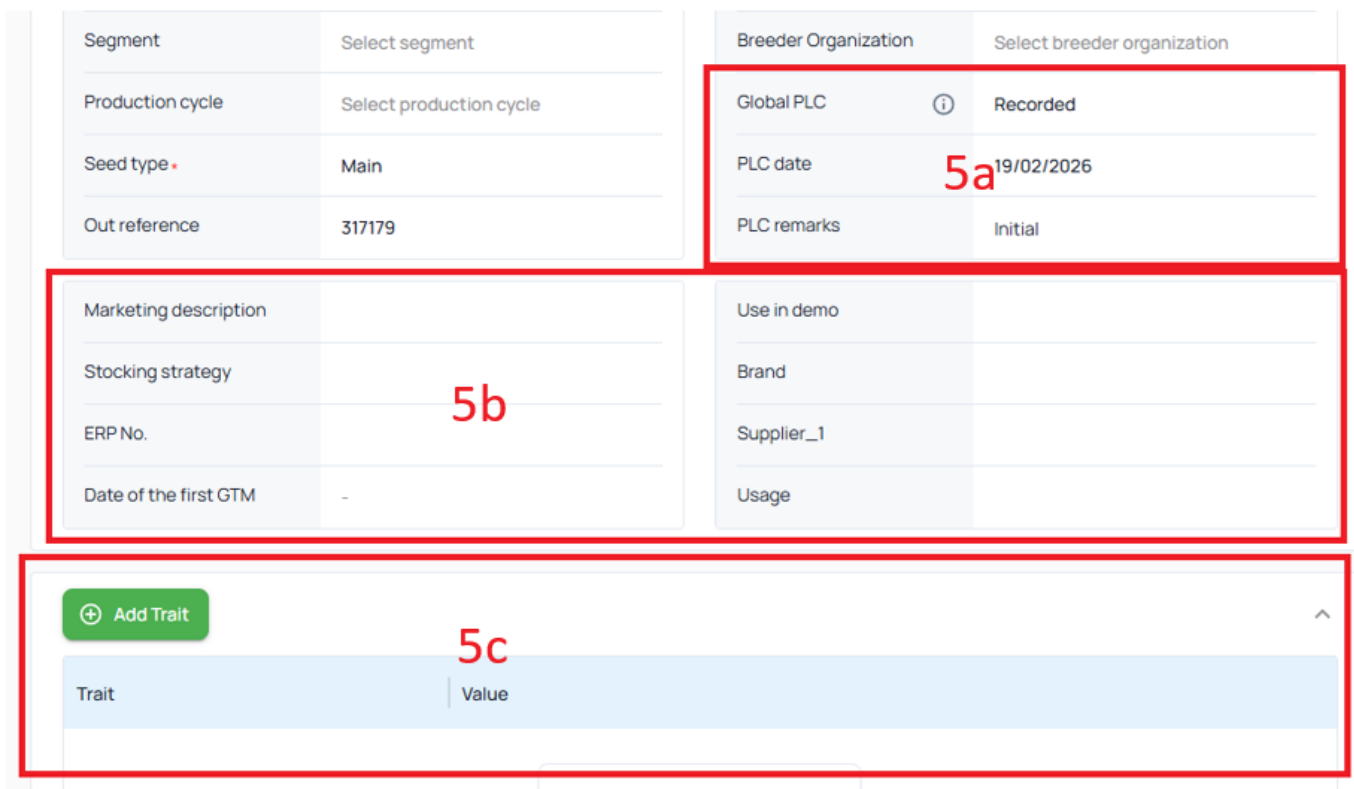
2. On this page, enter/select details of your variety, such as global name, crop, segment, seed type, etc. (Fields with red stars are mandatory). You can find more information about fields in the "[Description](#)" subsection.

3. You can then upload images for variety

4. Finally submit the variety



5. After filling in the basic required fields and submitting, an expanded view of the variety will appear. This view includes additional fields you can complete, such as: Global PLC (Product Life Cycle stages)/Date/remarks (5a), Custom fields - organization-specific attributes (5b), Traits - variety characteristics like disease resistance, plant height, etc. (5c)



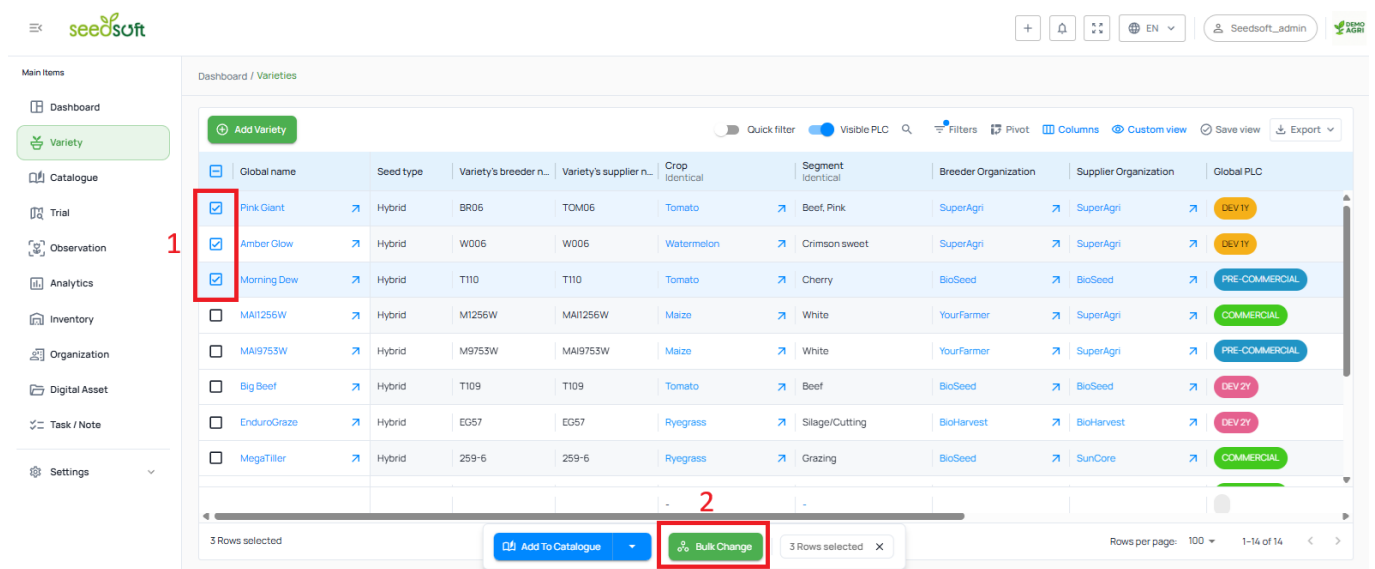
Fill in the data as needed - it will save automatically.

Now your variety is saved, and you can see it in the varieties table.

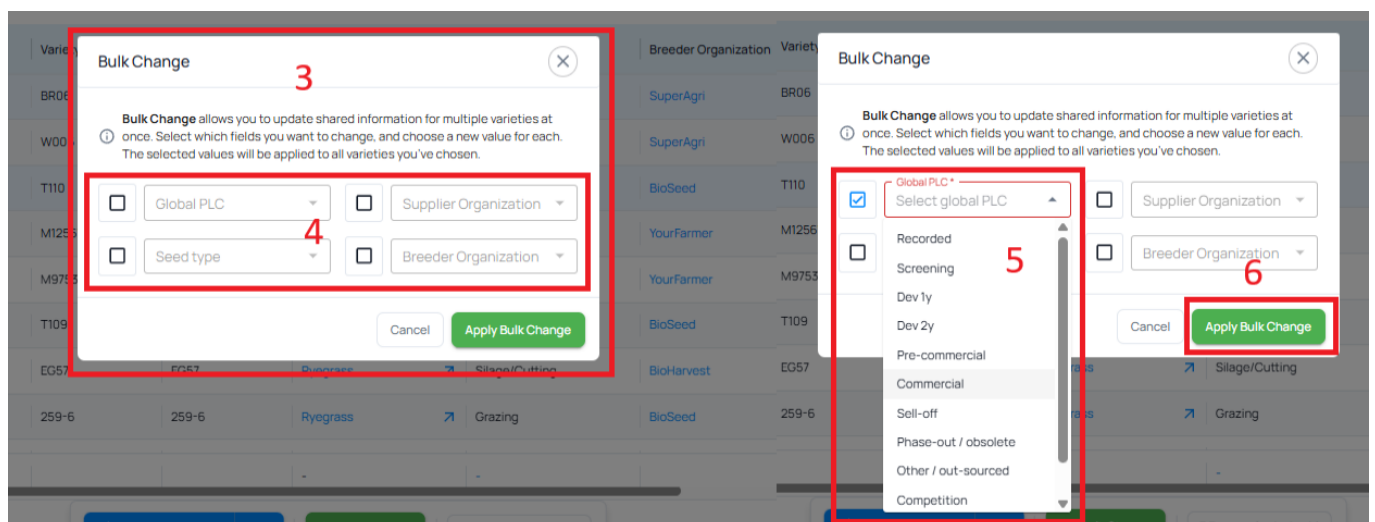
## Bulk Actions

The first option is "Bulk Change," which allows you to update shared information for multiple varieties at once.

Select the varieties you want to edit (1) and click the "Bulk Change" button (2).

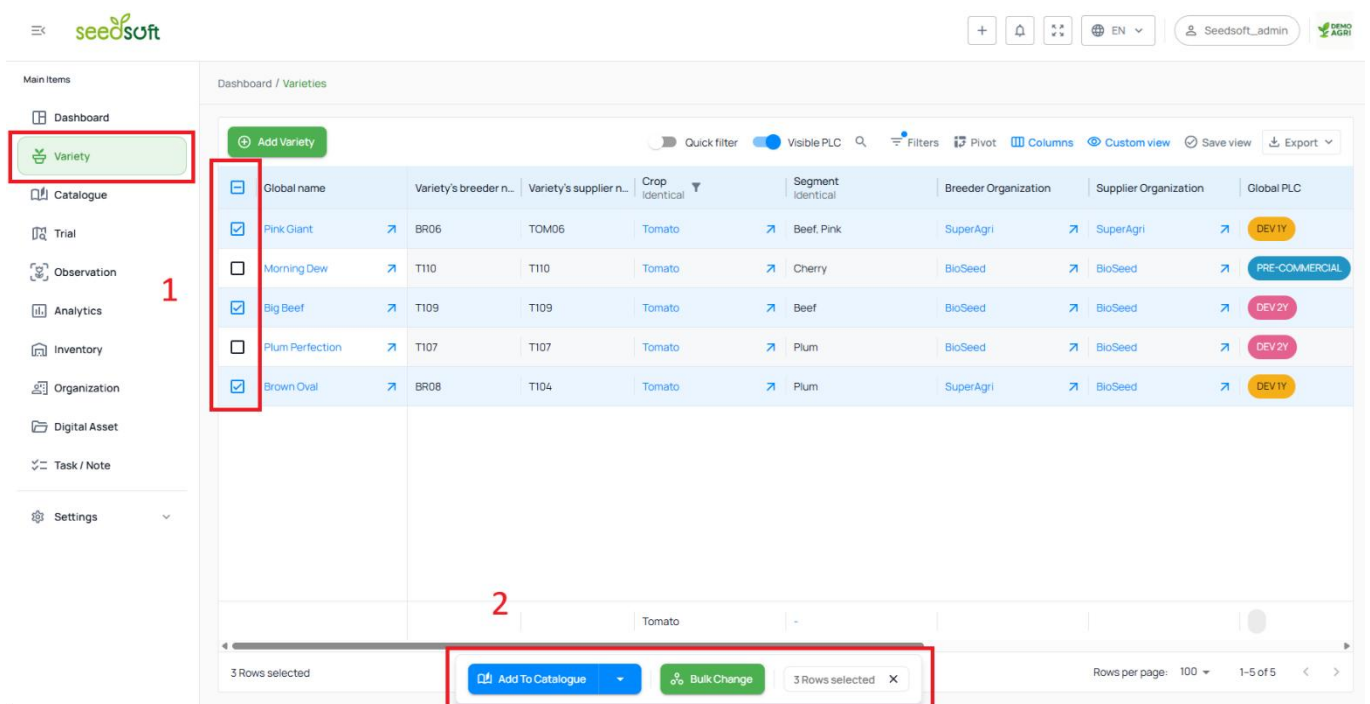


A window (3) will appear where you can select which fields you want to change (4) and choose a new value for each (5). The selected values will be applied to all the varieties you've chosen after clicking "Apply Bulk Change" (6).

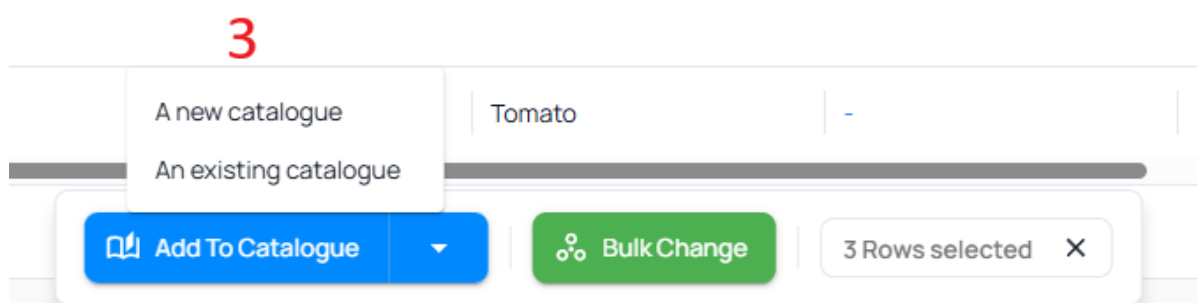


Another available function is the ability to quickly add multiple varieties to a catalogue - either a new one or an existing one.

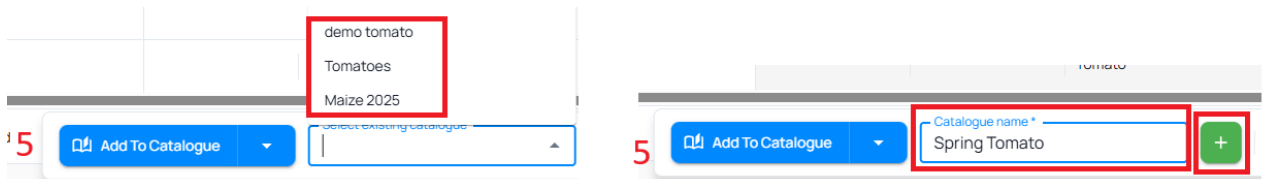
1. Go to the Variety module. From the variety list, select the varieties for which you want to create a catalogue. Remember: You can select varieties from different crops, but in that case, you cannot apply variety templates specific to certain crops.
2. At the bottom of the screen, buttons for creating a catalogue will appear. On the right side, you will see information about how many rows you have selected. Click the "Add To Catalogue" button.



3. Now, you have two options: You can add the varieties to a new catalogue or to an existing one.

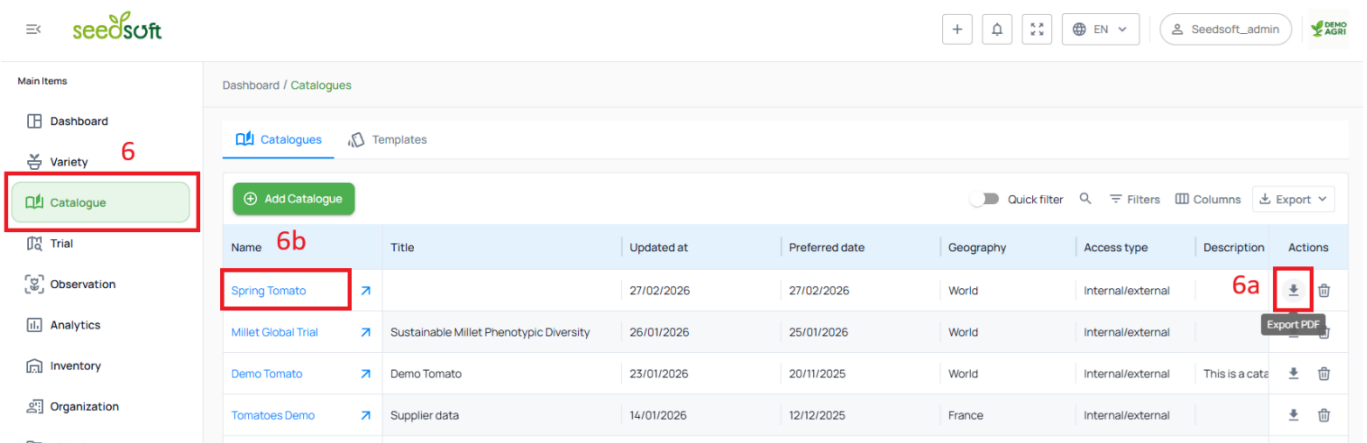


4. If you choose an existing catalogue, select which one in the next step. If you choose a new catalogue, enter its name and click “plus button next to the name.



5. Regardless of the option you selected in the previous step, click the "Add to Catalogue" button.


6. Go to the Catalogue module (6) and locate the catalogue you created in the list. You can now export your catalogue to PDF (6a) using the default templates configured for your company or click on your catalogue to complete the configuration (6b).



7. You'll find the next steps in the subsection ['Creation of a new catalogue'](#), point 2.

## Catalogue Module

The Catalogue module allows you to create a customized catalogue of selected products with just a few clicks.

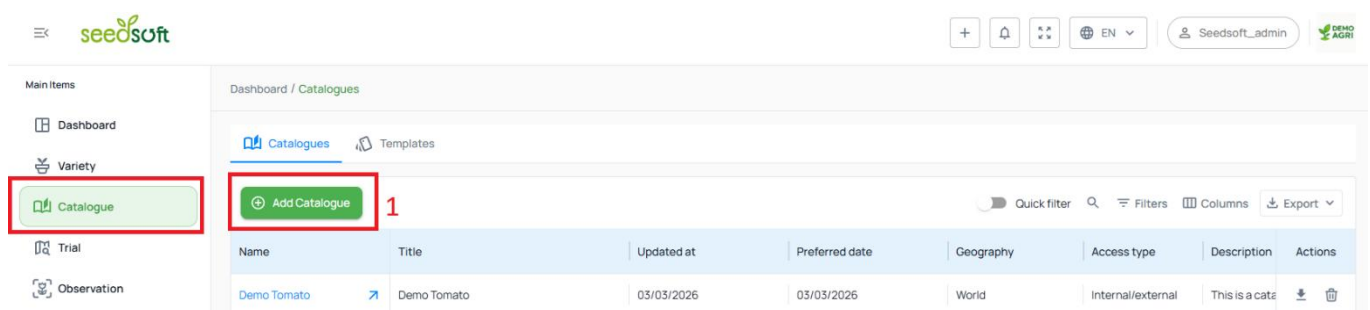




**Pink Giant**  
Segment: Beef, Pink  
Usage: Processing

Unique beef tomato variety that stands out with its beautiful pink color and impressive size. Known for its sweet and mild flavor, Pink Giant is perfect for fresh consumption, adding a

## Creation of a new catalogue

1. Go to the Catalogue module and click the 'Add Catalogue' button.

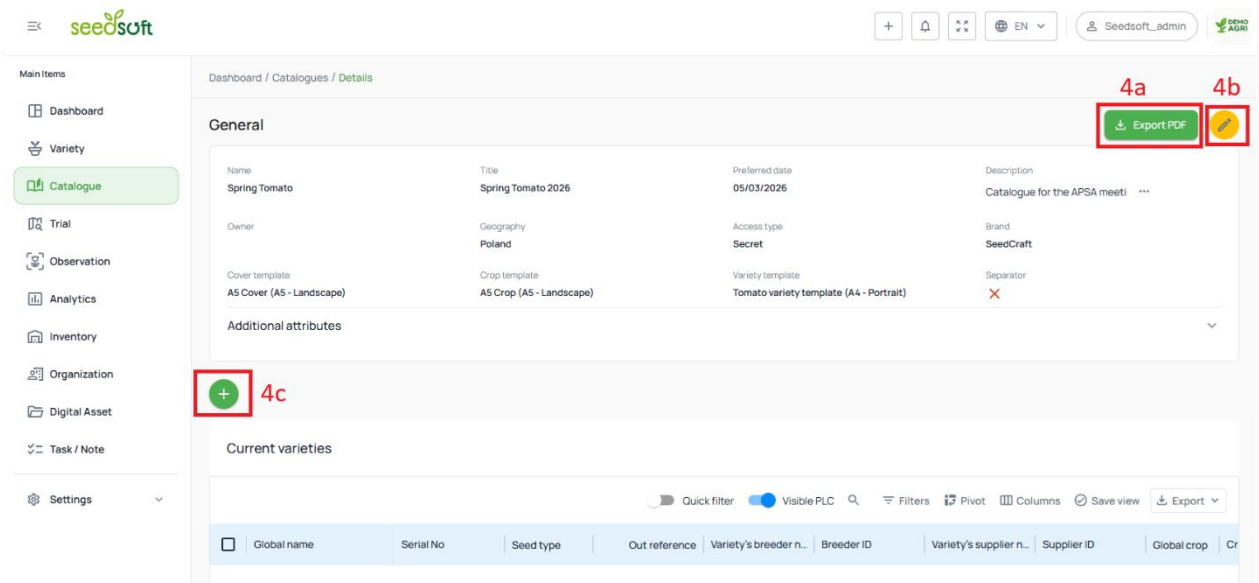


Name	Title	Updated at	Preferred date	Geography	Access type	Description	Actions
Demo Tomato	Demo Tomato	03/03/2026	03/03/2026	World	Internal/external	This is a catz	 

2. You will be taken to a form that needs to be completed. Mandatory fields will be marked in red and with an asterisk (\*) next to the field name.

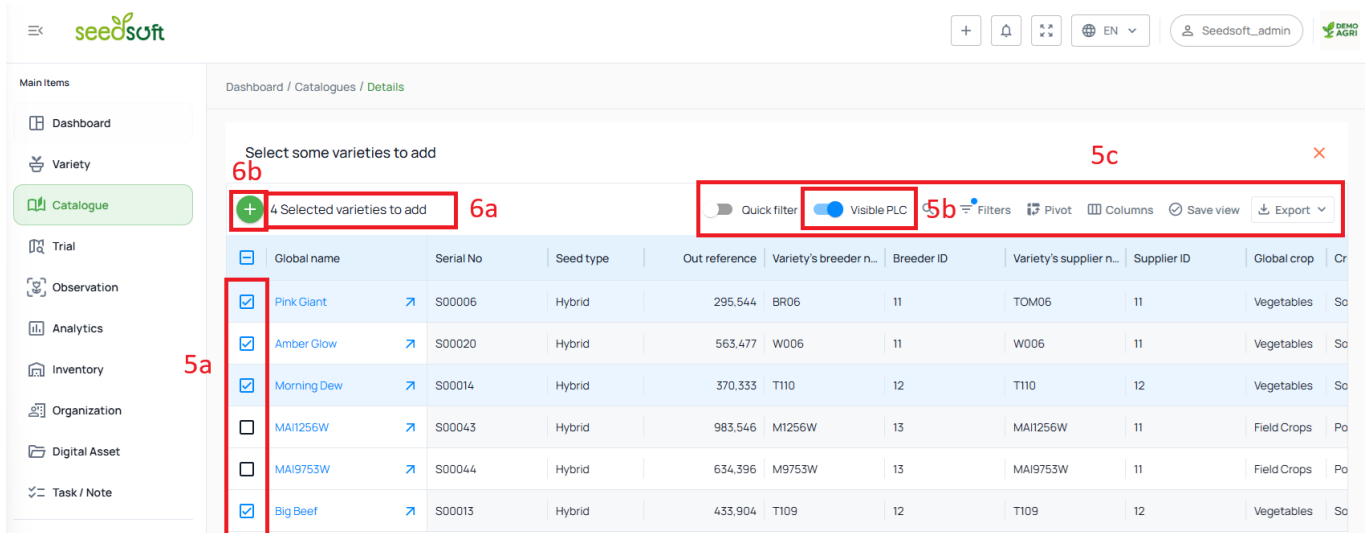
- Name – name of the catalogue
- Title – title that should appear on the catalogue
- Preferred date – date that should appear on the catalogue
- Geography - restricts the catalogue’s visibility to users with access permission for that country/region
- Access type - access permissions required to view this catalogue (e.g., only users with access to resources marked as 'internal')
- Brand: brand you want to use in the catalogue. The catalogue can display the brand name and/or logo. \*Available brands are defined by the admin.
- Cover/Variety/Crop template: which template should be used in your catalogue. More information about type of templates can be found in the [Templates](#) section.
- Variety template: Here you can select from the variety templates you previously created
- The “separator” check-box – if selected and the catalogue contains varieties from different crops, they will be additionally separated by Crop templates


- Description - additional information about the catalogue (e.g., 'Catalogue for the APSA meeting').
3. After filling in the data, click 'Submit'.
  4. You will see a new page where you can generate the catalogue in PDF(4a), edit catalogue information (4b) or add varieties (4c) which ones you want to include in the catalogue.



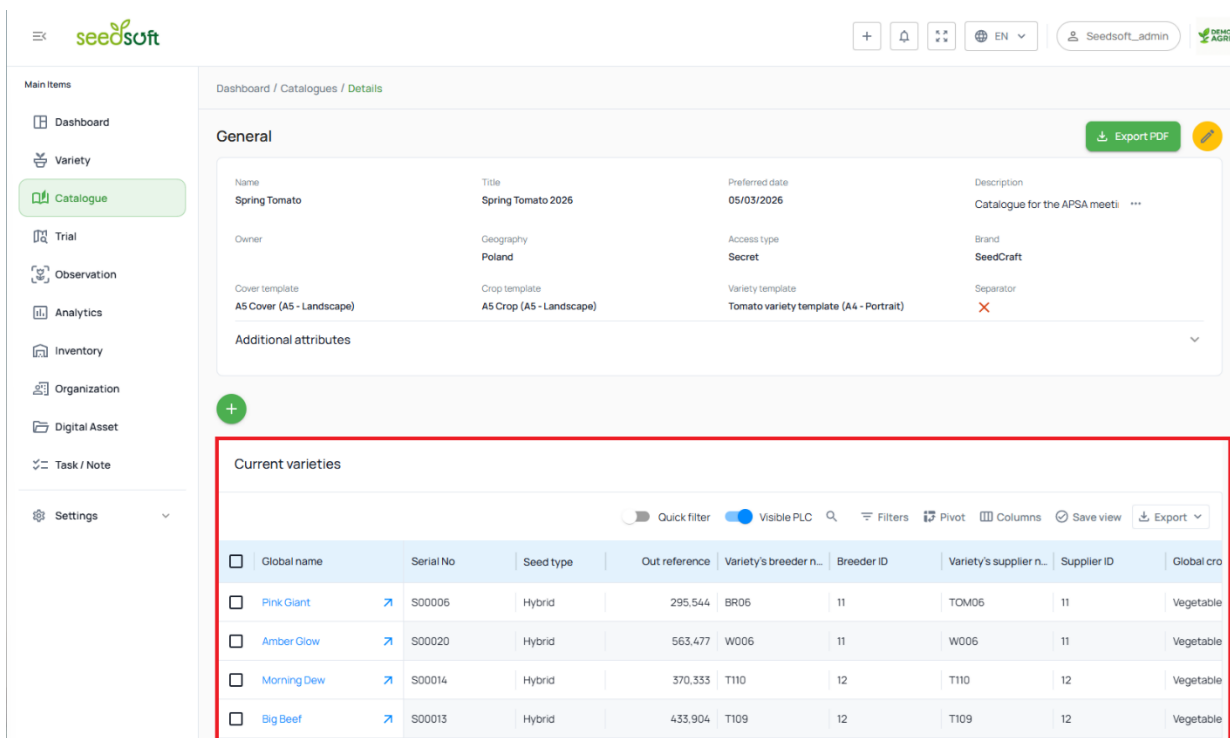
## Add varieties to a catalogue

5. After clicking “Add variety to this catalogue” button (4c), the variety list will open. Select the varieties you want to add to the catalogue (5a) - if you don’t see any varieties, you may need to switch off the visible PLC (5b). Remember: like all tables in SeedSoft, the varieties table is fully customizable and supports all standard table operations, such as filtering (5c).



6. The number of selected varieties will appear next to the button (6a). If everything looks correct, click the  button (6b) to add the selected varieties to the catalogue.

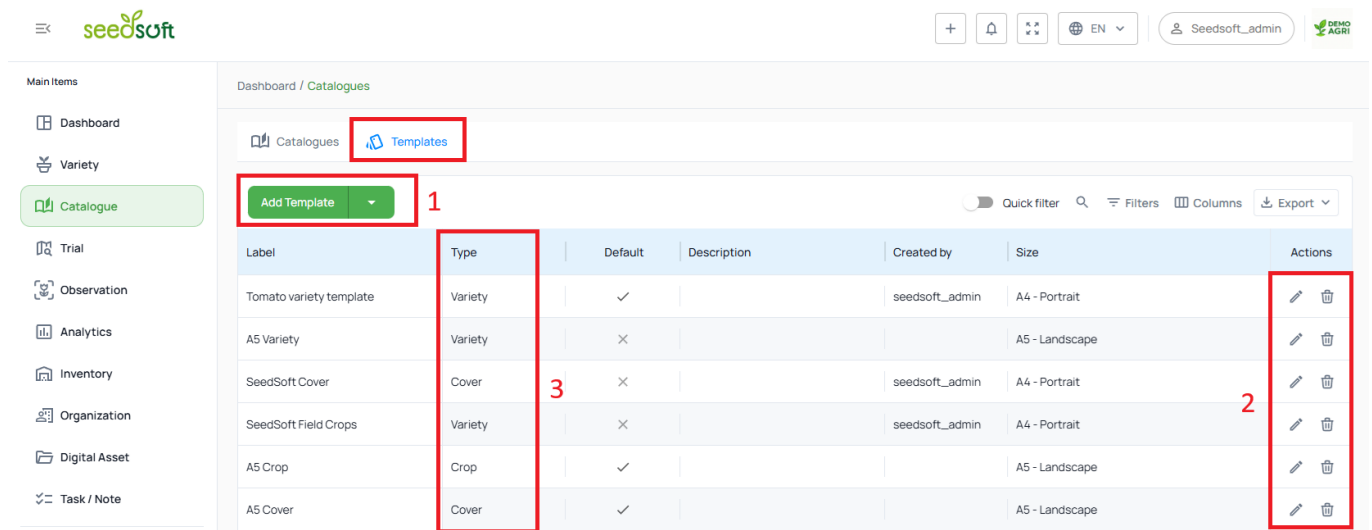
7. The added varieties are now visible on the table.



# Templates

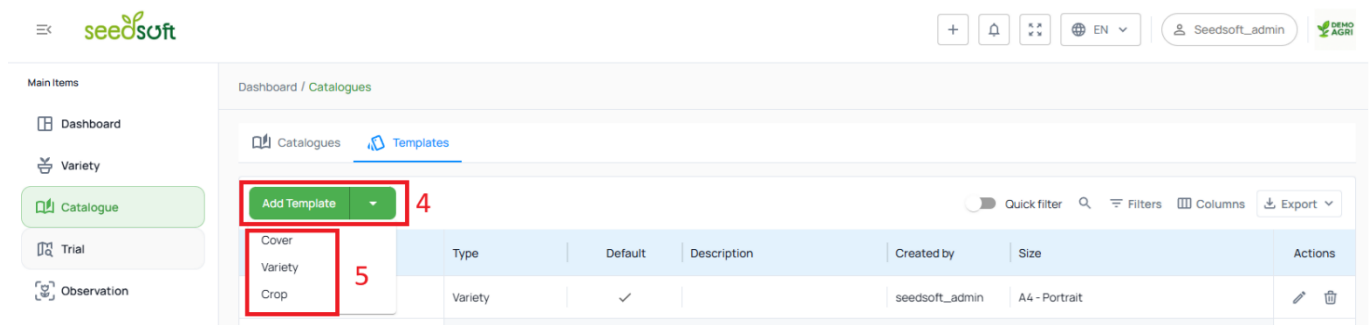
In the "Templates" tab, you can view, add (1), edit and delete templates (2). We have three types of templates (3): Cover, Crop, and Variety.

- Cover: This is the title page for the entire catalogue.
- Crop template: This serves as the title page for a specific crop.
- Variety template: This contains information about a selected variety - all varieties in the catalogue will utilize this template



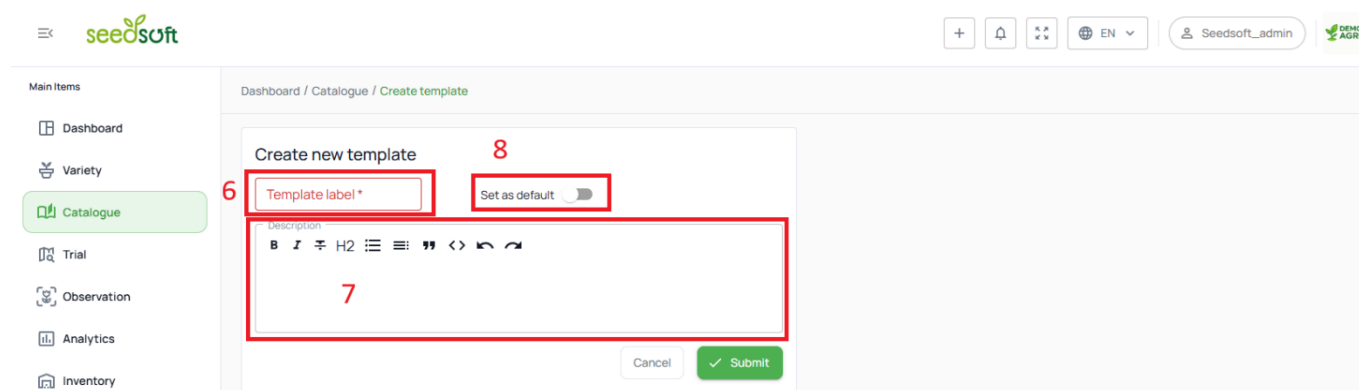
## Creation of a new template

Click the 'Add template' button (4). Three template types will appear (5) - select the one you want to create.

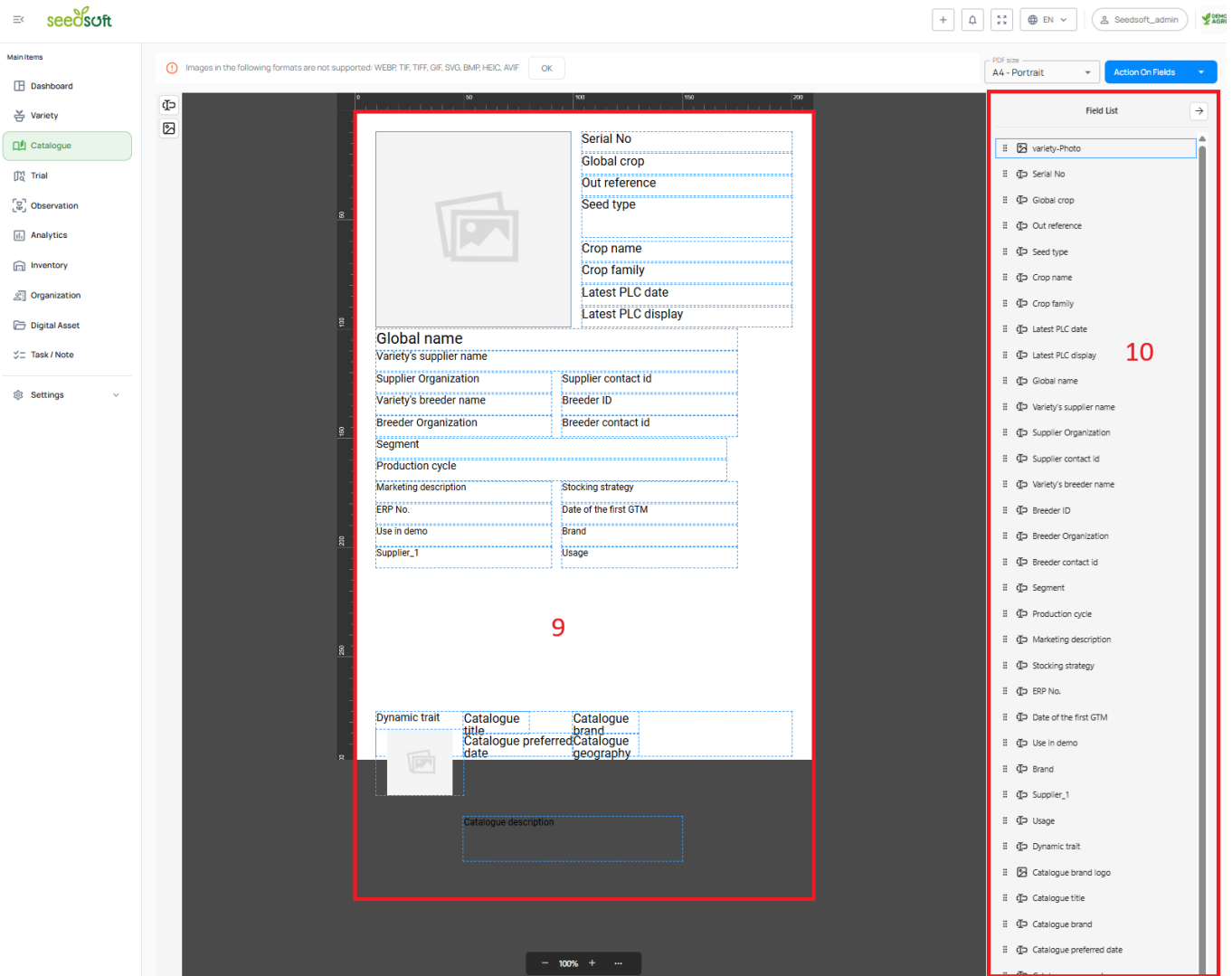


Regardless of the template type you want to create, the process is the same - the difference lies in the available information. In this manual we will create Variety template.

Click on "Variety" (5) - you will be directed to the creation page. In the top section (this section is same in all three options cover/variety/crop), you must enter the template label (6) and can add the description (7). If you want the template you're creating to be used as the default for new catalogues, enable 'Set as default' (8).



In the second section, you'll see a proposed structure for the template (9) showing what information can be included and where. On the right side, you'll find a list of available information (10).



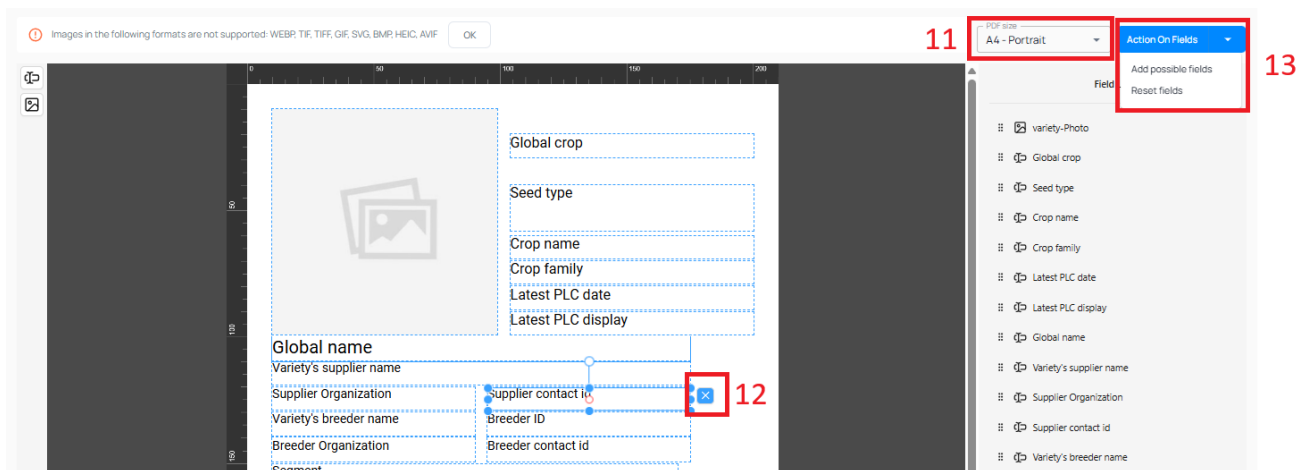
For the Variety template, you can add (10) all the information available in the [Description](#) section of Variety Module, including: Standard data, Custom fields and traits, variety photo and also catalogue details (such as title, preferred date, brand, brand logo).

You can easily edit the template. First, you can choose the orientation (11) - whether you want the catalogue in portrait or landscape format.

To remove a field (12):

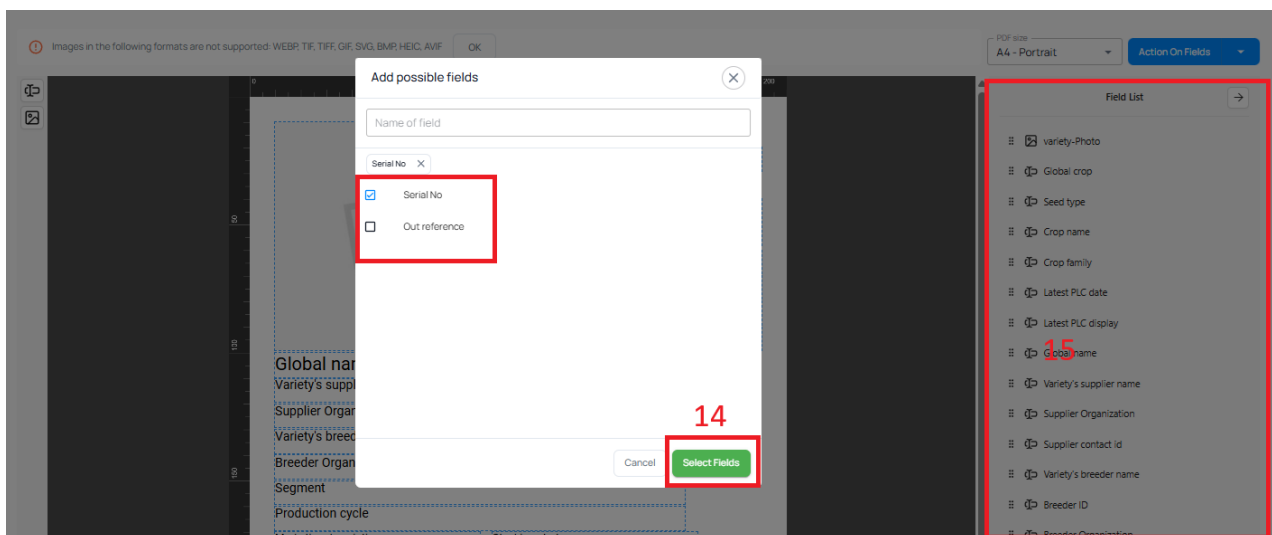
Click on it to activate it, and an X will appear in the top-right corner.

Click the X to remove the selected field from the template.



To restore a field:

Click the "Action on fields" (13) button, where you can either reset fields to their original state or select "Add possible fields" to see a list of available fields. From the list of available fields, select the ones you want to add, then click "Select fields" (14). The selected fields will appear on the template and on the list on the right side (15), ready to be reused.

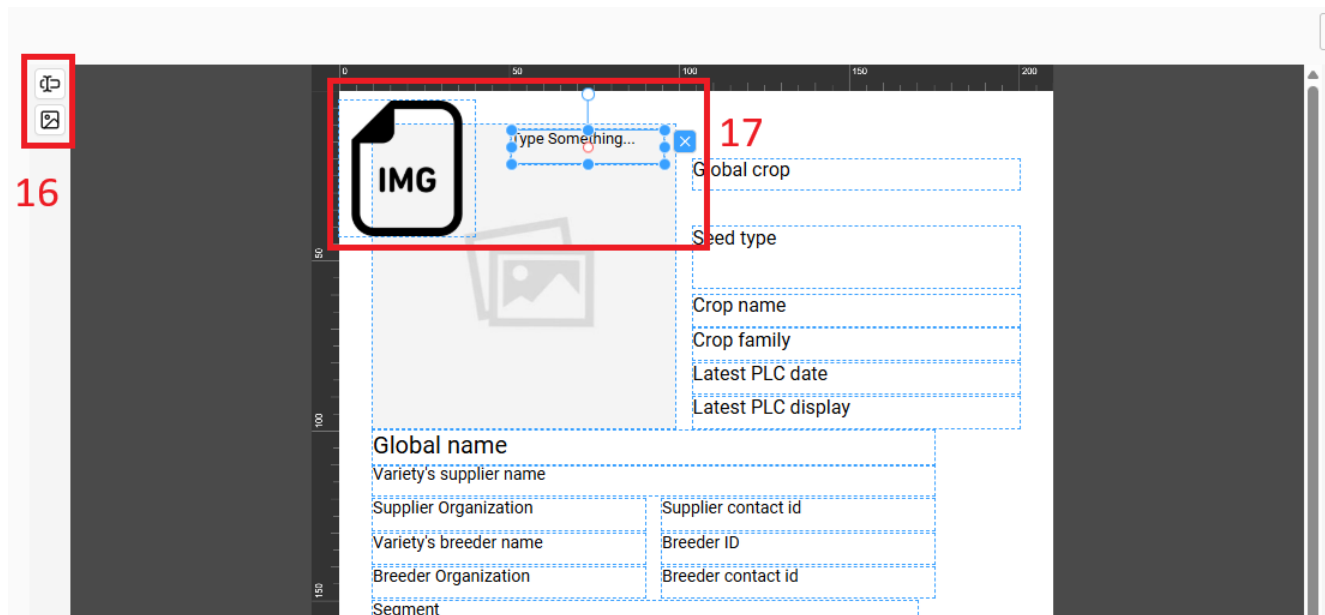


To add a field:

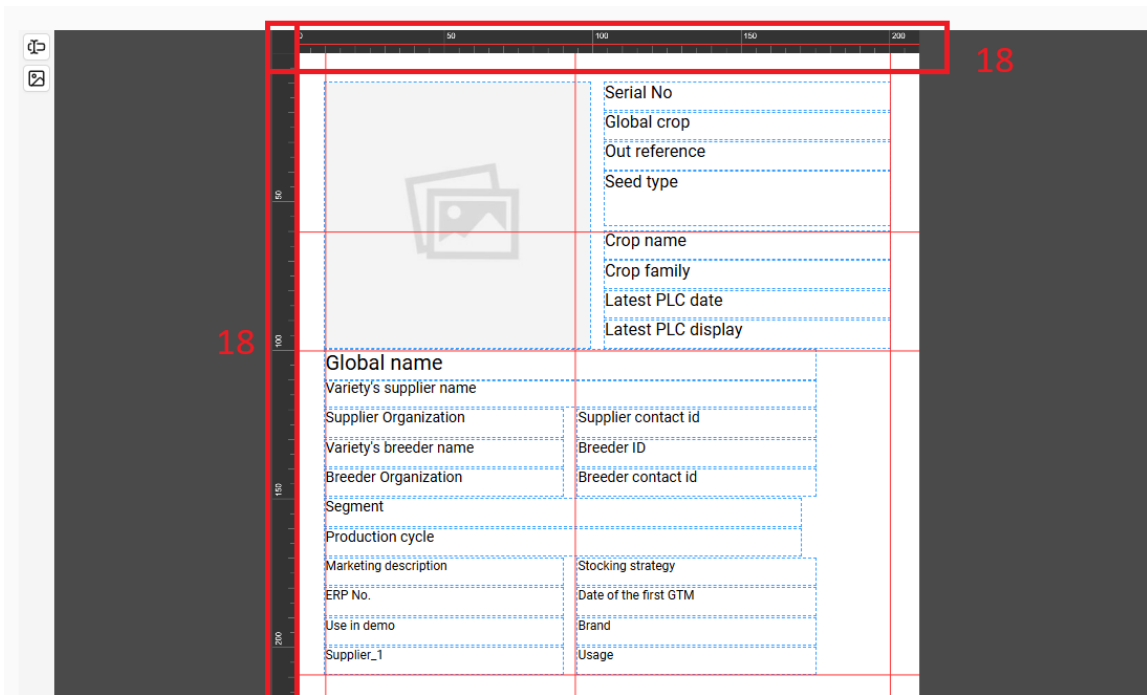
Find it in the list on the right side. You can either drag it to the desired spot on the template or double-click it - the field will be added to the template, and you can then move it to the correct position.

Note: Most fields can be managed individually, except for dynamic traits. If you select this field, all traits assigned to a given variety (e.g., fruit colour, fruit weight, resistances for a tomato) will be added to the catalogue at once.

If you want to add information that isn't available in the field list, on the left side (16) you have two buttons - the option to add a custom text field or an image. Click on your chosen field type, and it will appear on the template (17), ready for editing.



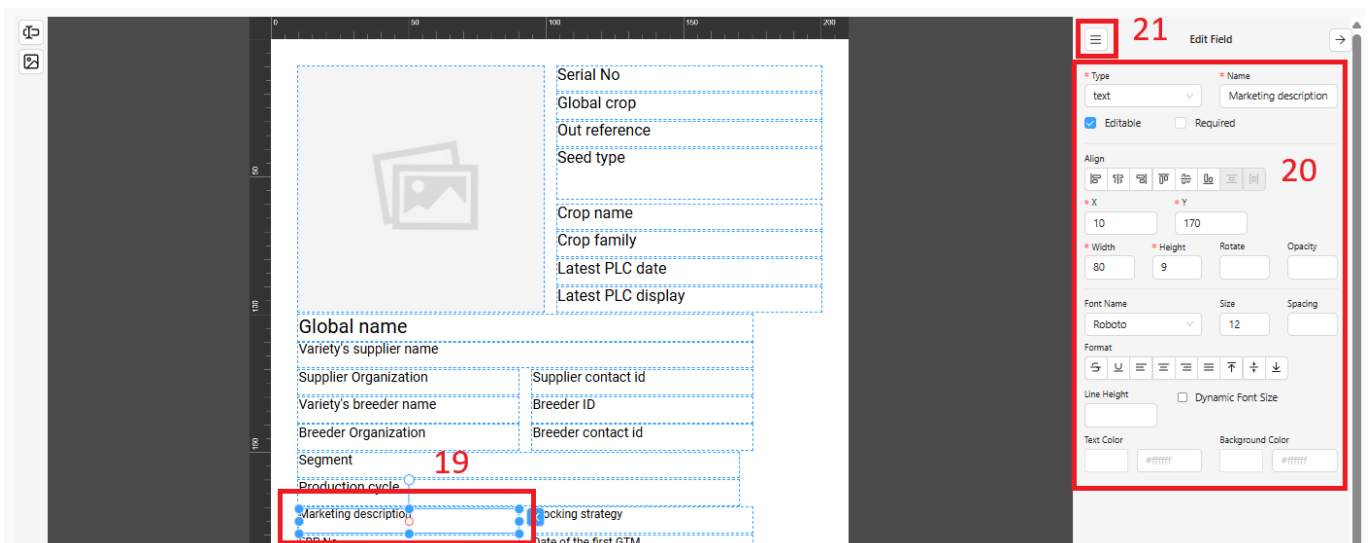
To help position fields on the template, you can also "pull" guidelines from the side or top of the page. Click on the ruler (18), hold down the left mouse button, and drag - red line will appear, which you can move onto the catalogue page to help align the fields evenly.



In addition to the previously mentioned functions - such as adding/removing fields, inserting additional text fields or images, and adjusting the position of fields on the template - you can also perform more detailed editing for each individual field.

Click on the selected field (19) - the field will activate, and a list of available options will appear on the right side (20).

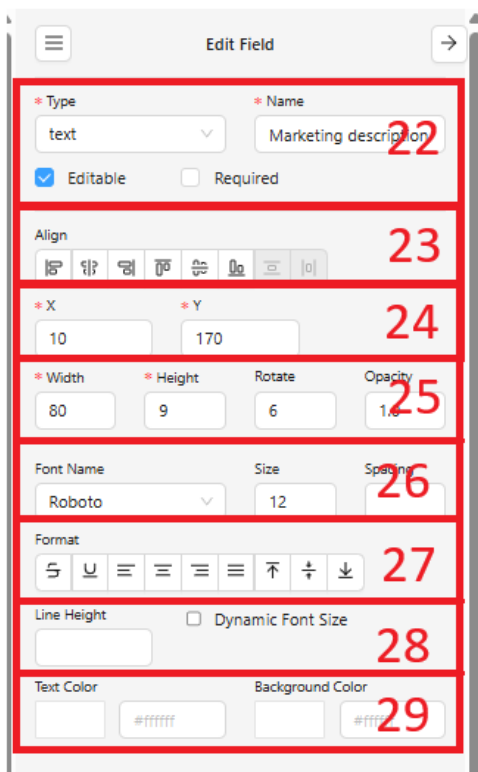
\*To return to the list of fields, click the list in the top-left corner (21).



Each time, you can decide whether you want the field to be a text or image type.

Note: If you change the original type, the field will no longer pull automatic data from the system—it will become fully customizable.

You can also: rename the field, set whether the field should be editable and define if the field is required (22).



For text fields, you can edit the following properties:

- Field alignment (23)
- Position relative to the X and Y axes (24)
- Width and height, rotation and opacity (25)
- Font settings (name, size, spacing) (26)
- Text formatting and positioning within the field (27)

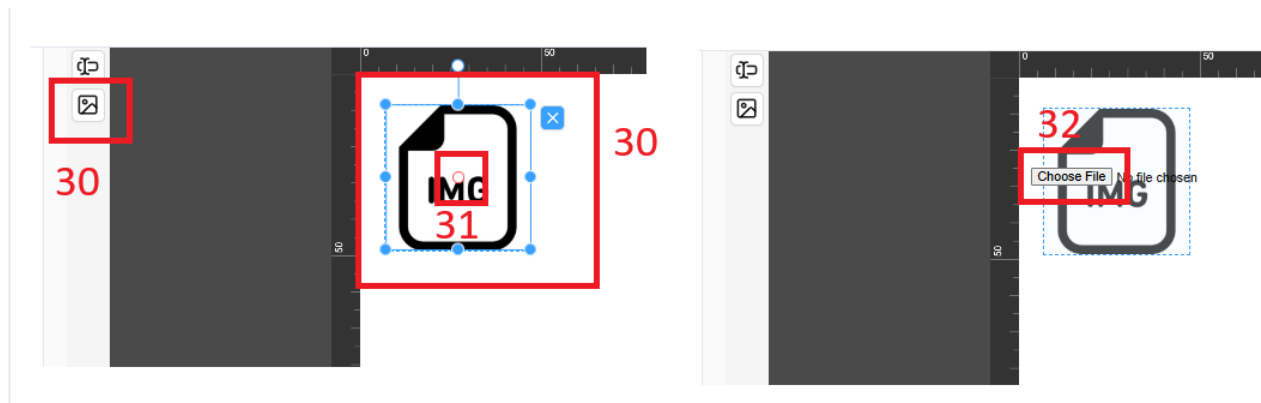
- Line height, dynamic font sizing (auto-adjustment) (28)
- Text and background colour (29)

When editing images, you have the following options:

- Field alignment (23),
- Position relative to the X and Y axes (24),
- Width and height, rotation, and opacity (25).

**Note:**

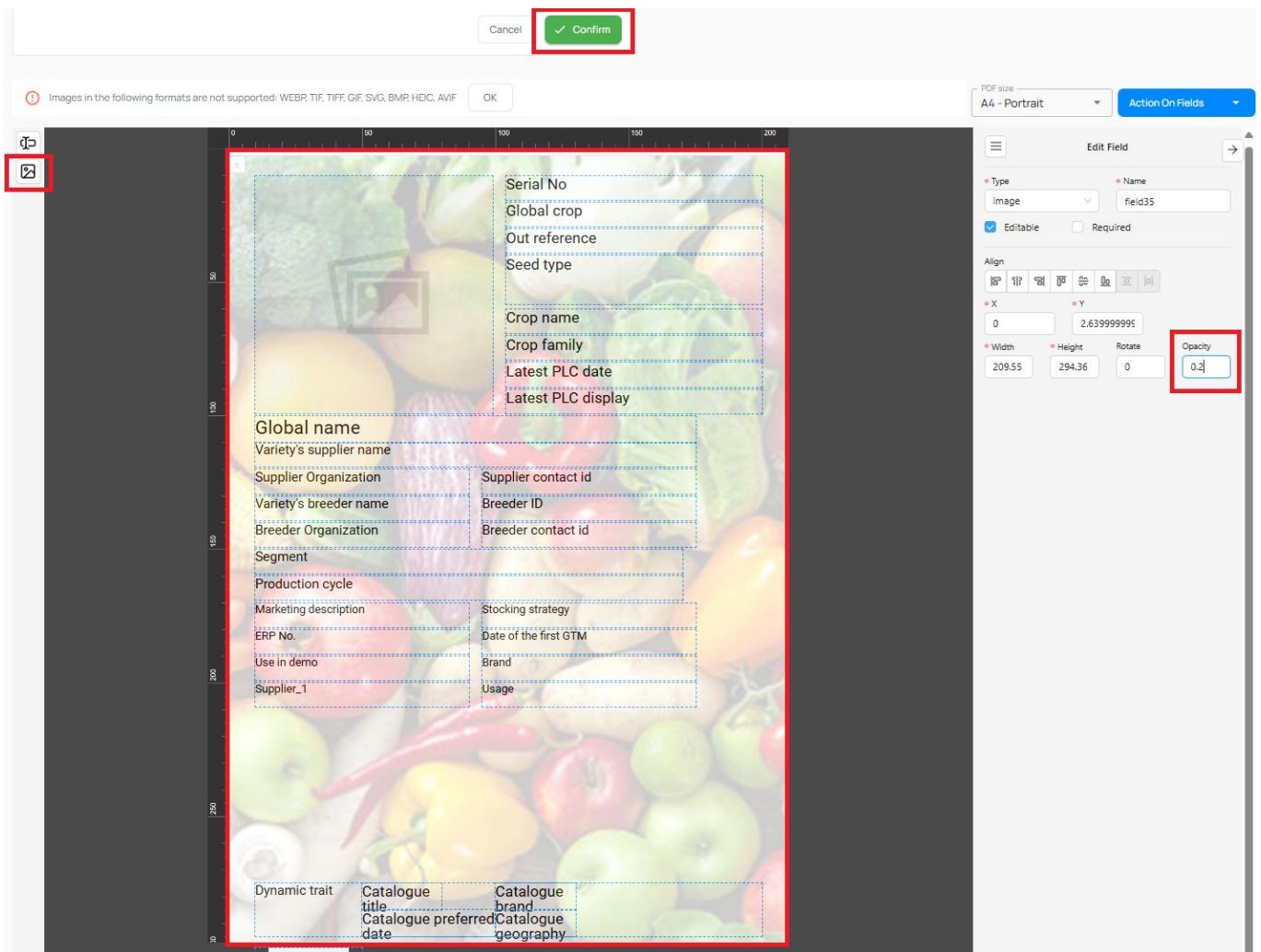
- If you are working with variety or brand images, they will be automatically pulled from the system.
- If you've added an additional image (30), you'll see a red dot in the center of the field (31). Click the red dot, and the "Choose File" button (32) will appear. Click on it and select the image you need.



Tip: If you want to add a background to your catalogue, follow these steps:

- Design the template and add the necessary fields.
- Arrange the fields as needed.

- Add an image field, stretch it to cover the entire page, and upload your background picture.
- In the edit field settings, adjust the opacity (e.g., to 0.2) so that the previously defined fields remain visible.
- Confirm your changes.



## Trial Module

The trials module is used to create, track and edit information about trials.

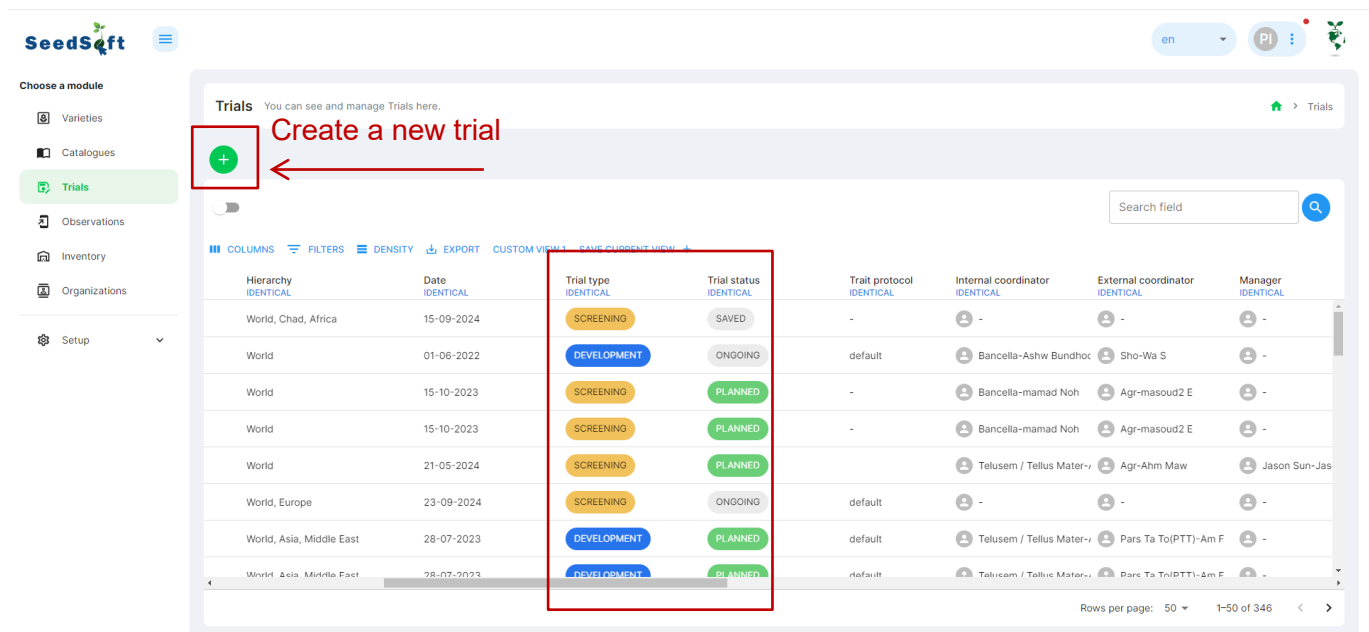
In particular a user can plan the trial including all the relevant details - location, responsible trial officer, trial protocol, varieties in the trial, sowing, planting, results and observation dates.

Explanation of some of the fixed fields of a trial:

- External coordinator name: If an external coordinator is a user in the system, they will gain access to this trial. Additionally, if 'Shared with Organization' is clicked, all people within the external coordinator's organization will also gain access to the trial.
- Protocol – allows the user to choose which protocol (from the ones available for the crop) will be used to assess this trial.

Additionally – as for any other module in the system, a SeedSoft client can choose to add custom fields to the trials.

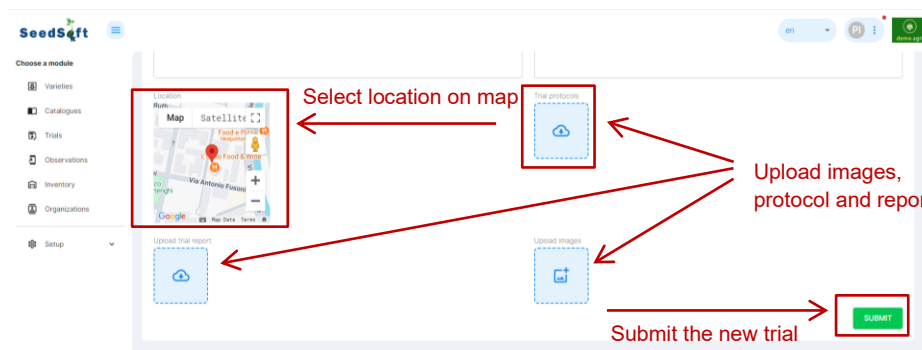
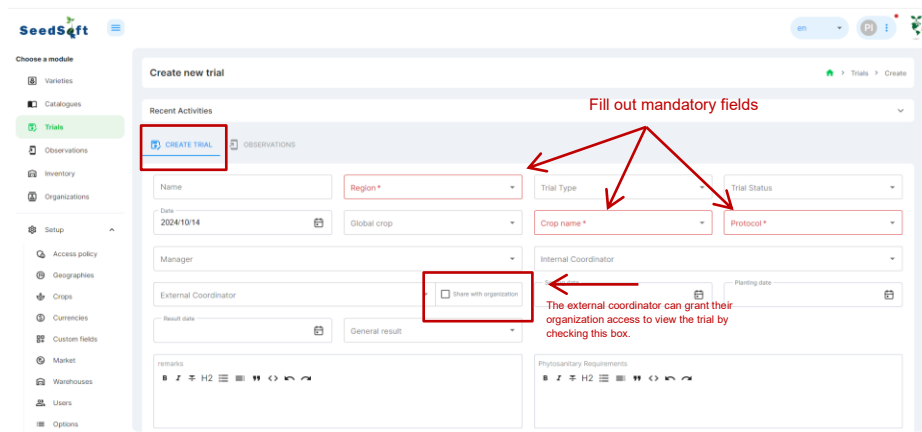
**Update:** With the provided color palette, the colors for trial status, trial type, and PLC status can be customized (Admins can select colors in the options module).



## Creation of a new trial:

To create a new trial, press the "add new trial" button.

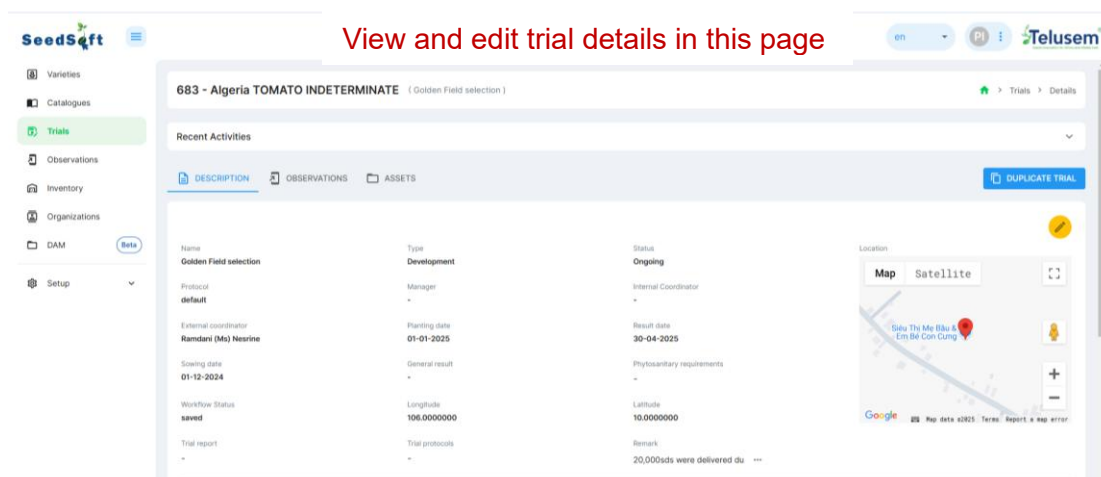
- On this page, you should submit the basic details of a trial such as region, crop name, trial type, dates, protocol, trial status, responsible people, sowing & planting info, remarks, requirements, etc.
- As soon as you select the crop name, the protocol drop-down list will be updated, allowing you to choose from the protocols specific to that crop. Once the protocol is selected for a trial, **it cannot be changed** in further edits.
- Afterward, the user can specify the **location on a map**, upload the trial protocol, trial report, and trial images.



## Trial Details:

Inside the trial page, you can see more detailed information about the trial in the description tab and also observations.

**New: 'Assets' tab has been added, allowing you to easily access and manage the assets associated with the trial.**



View and edit trial additional attributes (custom fields) in this section

Additional attributes

Trial Date 11-01-2025 Seed option 1, Option 2 Numeric (kg) 5 Single select Option 2

Text Attribute Sample text Text field Heading This is a sample

Order	Variety	Replication	Serial No	Alias name	Volume of seeds	Unit	Variety result	Warehouse	Actions
0	SS00AC67	1	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	2	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	3	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	4	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	5	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	6	SS00AC67		88.00	gr	Seeds delivered		

Rows per page: 50 1-12 of 12

Varieties of the trial are displayed here

SeedSoft en PJ Telusem

683 - Algeria TOMATO INDETERMINATE (Golden Field selection)

Recent Activities

DESCRIPTION OBSERVATIONS View observations for this trial DUPLICATE TRIAL

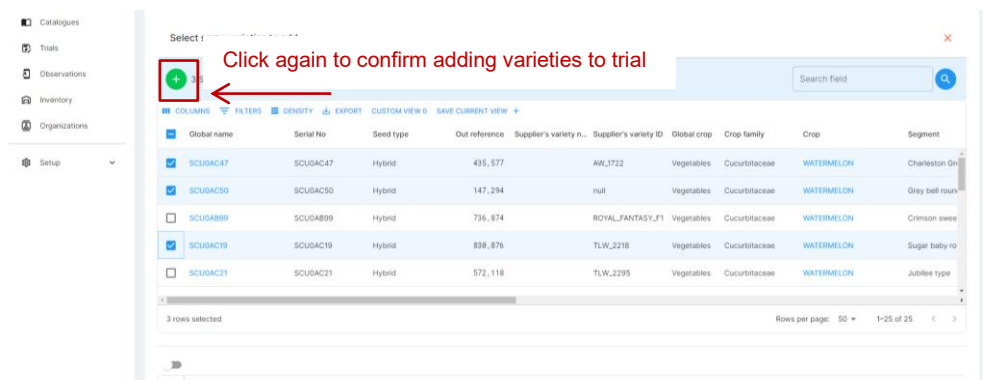
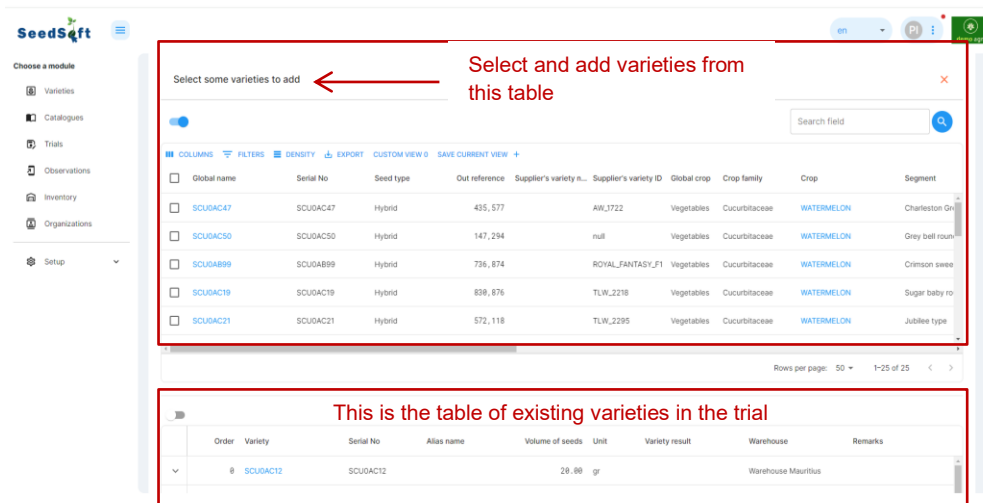
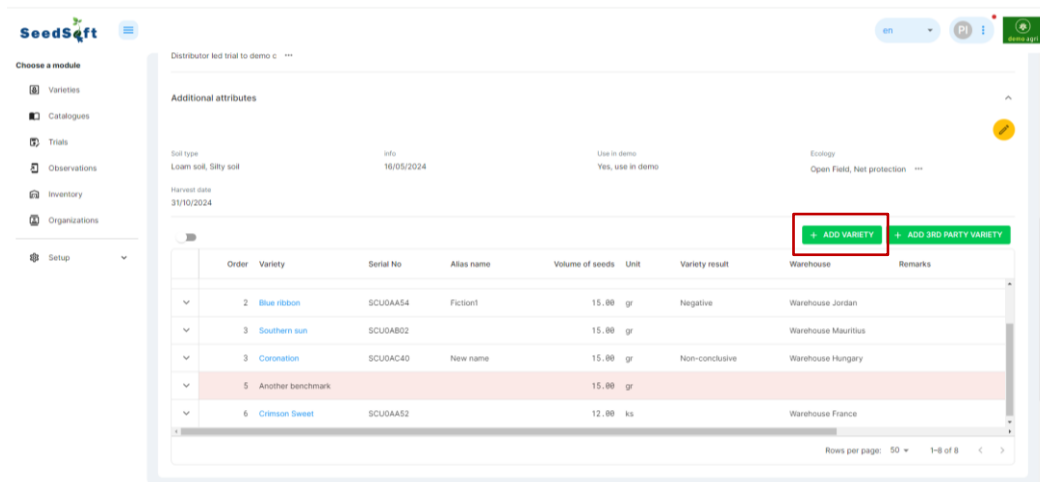
COLLUMNS FILTERS DENSITY EXPORT CUSTOM VIEW 0 SAVE CURRENT VIEW

Trial	Trial date	Trial country	Trial country hier...	Trial type	Trial status	Trial crop	Trial plantingDate	Trial sowingDate	Trial resultDate	Trial interna...
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-
683	10-01-2025	Algeria	-	Development	Ongoing	TOMATO INDETER	01-01-2025	01-12-2024	30-04-2025	-

## Trial Varieties:

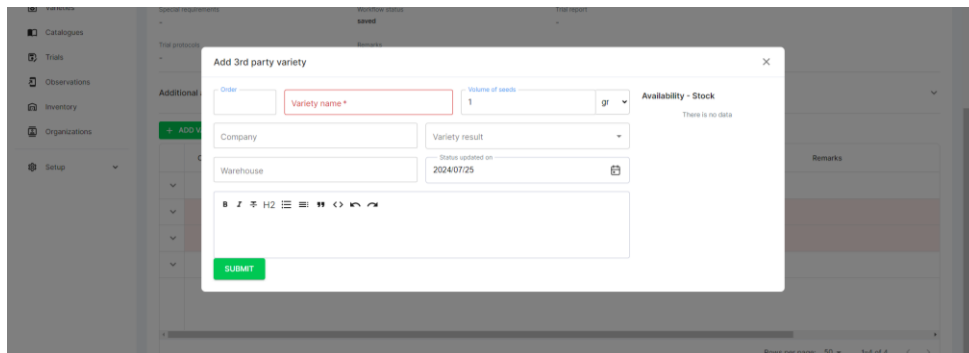
After creating the trial, you will be directed to the trial details page (description). At the bottom of the page, you can add and manage **varieties and third-party varieties** for the trial.

By clicking on **“Add Variety”** you can select varieties from the list (If you don't see any varieties, you may need to switch off the visible PLC). **By clicking the "Add" button for the second time, the selected varieties will be added to the trial.**

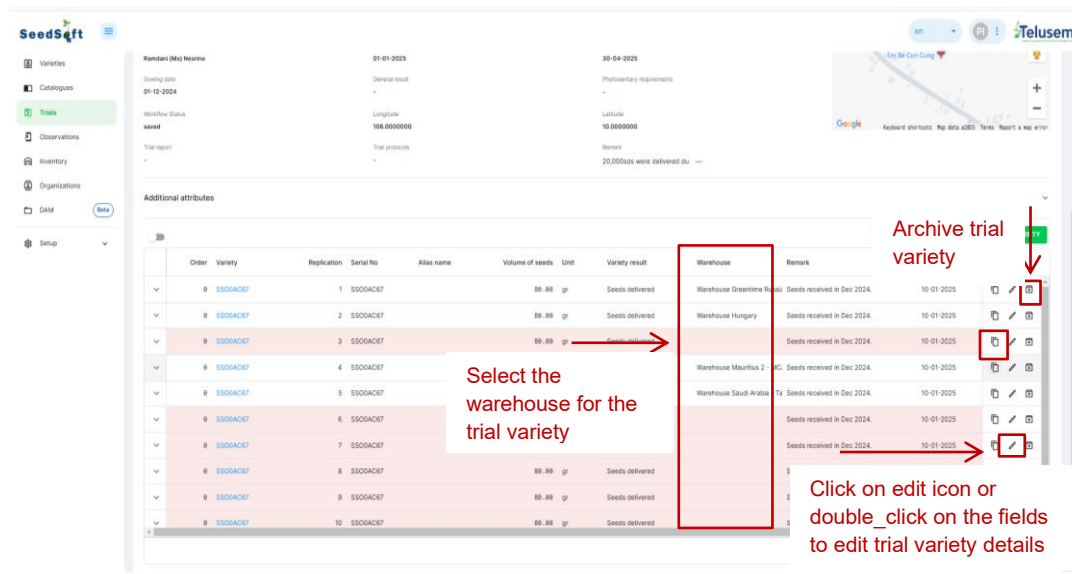


For third-party varieties, after clicking on “**Add third\_party Variety**” you should fill out the form below, Including details such

as the volume of seeds, order, variety name, variety result, warehouse, etc.



After submitting varieties, you can edit and manage them in the table. Double click on each field (Or click on edit button in actions) to change or add a warehouse, volume of seed, variety result, etc.



Note: The varieties with no assigned warehouse are highlighted in light pink.

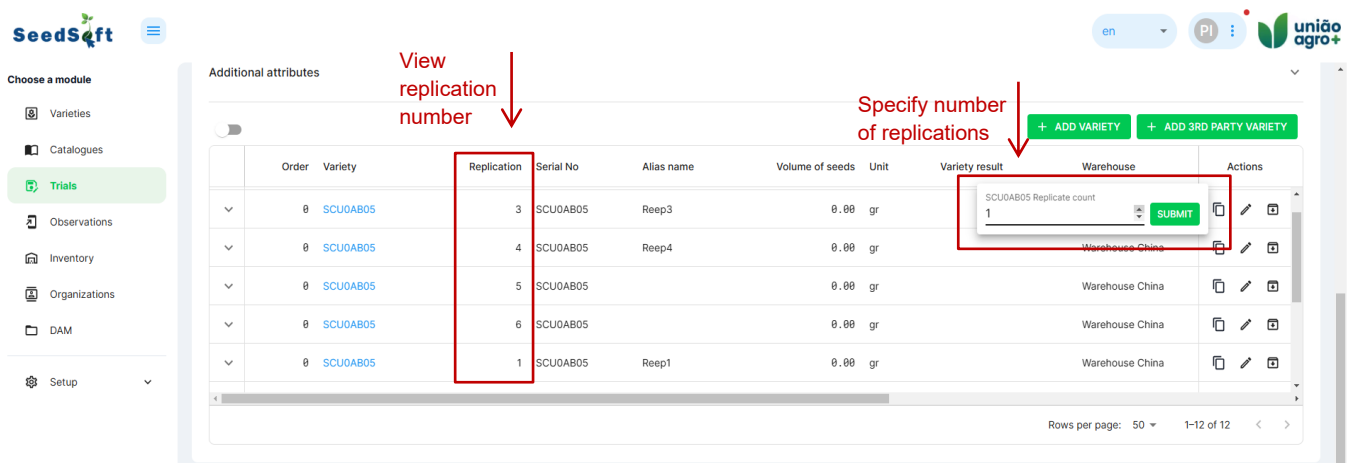
**New: Custom fields are now viewable and editable in trial varieties and observation tables.**

## Replicate trial varieties:

A variety in a trial can be “**Replicated**” with the same details and information, along with a specific replication number. The purpose of this feature is to allow for different versions of the same variety when the observation situation differ for each.

To add replications, you can easily click on the "Replication" button in the actions menu and specify the number of times you want the variety to be replicated. Finally, each replicated variety will be assigned a unique replication number, which will be displayed in the table.

P.S. Both replications and custom fields of a trial variety are visible in the observations data grid as well.



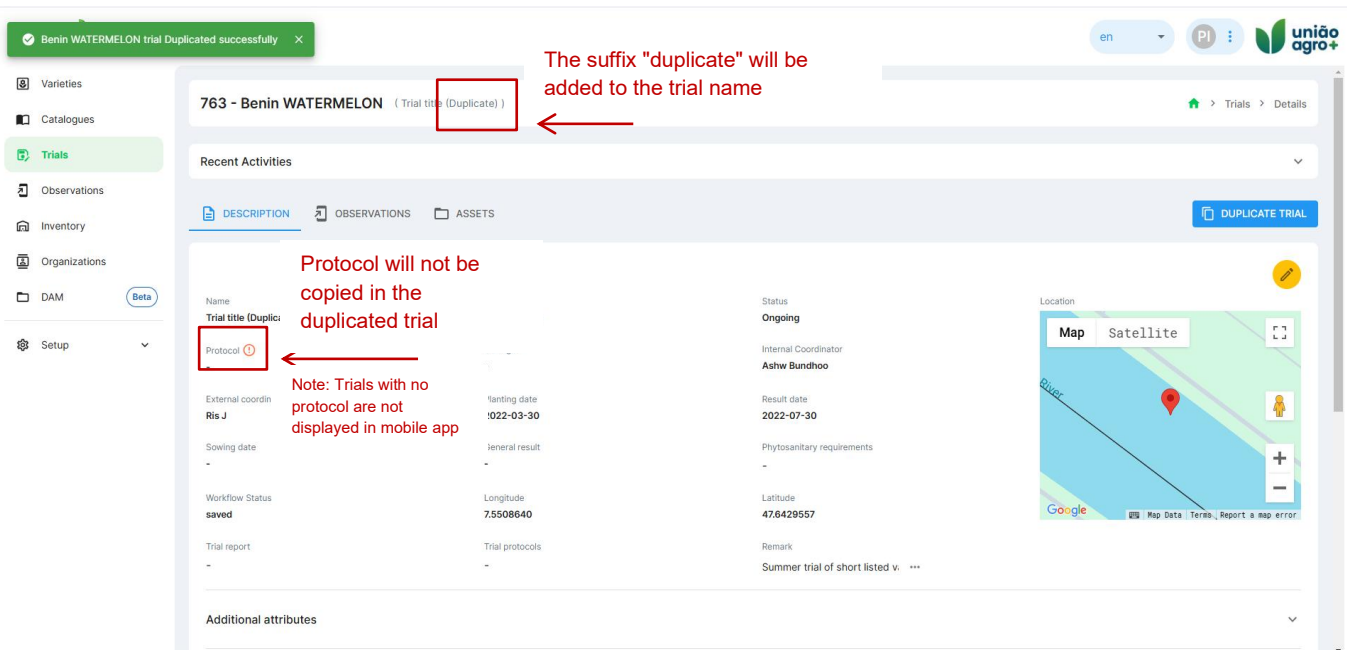
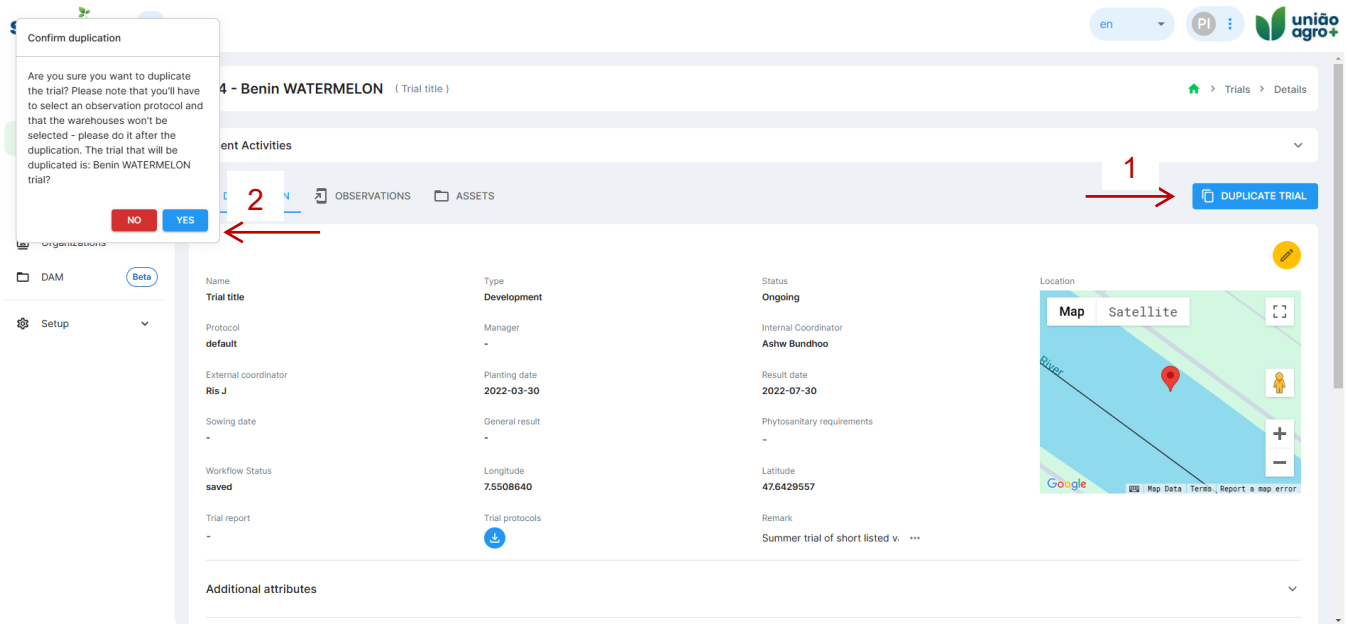
The screenshot shows the SeedsSoft interface with a table of trial varieties. The table has columns for Order, Variety, Replication, Serial No, Alias name, Volume of seeds, Unit, Variety result, Warehouse, and Actions. The 'Replication' column is highlighted with a red box and an arrow pointing to it with the text 'View replication number'. The 'Variety result' column has a red box around the input field containing the number '1' and a 'SUBMIT' button, with an arrow pointing to it and the text 'Specify number of replications'. The table contains five rows of data for variety SCU0AB05 with replication numbers 3, 4, 5, 6, and 1. The 'Warehouse' column shows 'Warehouse China' for all rows. The 'Actions' column has icons for edit, delete, and add.

Order	Variety	Replication	Serial No	Alias name	Volume of seeds	Unit	Variety result	Warehouse	Actions
0	SCU0AB05	3	SCU0AB05	Reep3	0.00	gr	SCU0AB05 Replicate count 1	Warehouse China	[Icons]
0	SCU0AB05	4	SCU0AB05	Reep4	0.00	gr		Warehouse China	[Icons]
0	SCU0AB05	5	SCU0AB05		0.00	gr		Warehouse China	[Icons]
0	SCU0AB05	6	SCU0AB05		0.00	gr		Warehouse China	[Icons]
0	SCU0AB05	1	SCU0AB05	Reep1	0.00	gr		Warehouse China	[Icons]

## Duplicate a trial:

To create a trial with similar details to an existing one in the system, click on the “Duplicate Trial” button within the trial details page. This will copy the entire details of that trial, including the description and varieties (**except for the varieties' warehouses and protocol**). You can then change any details that might differ from the first trial after that.

**Note:** Observations shouldn't be repeated from trial to trial; therefore, this information is not copied. Additionally we're also not repeating the warehouse selection in the trial as this would trigger immediate deduction of the seeds from the warehouse and we want to leave this decision to the user.



Order	Variety	Replication	Serial No	Alias name	Volume of seeds	Unit	Variety result	Warehouse	Actions
0	SS00AC67	6	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	7	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	8	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	9	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	10	SS00AC67		88.00	gr	Seeds delivered		
0	SS00AC67	11	SS00AC67		88.00	gr	Seeds delivered		

Rows per page: 50 | 1-12 of 12

Warehouses will not be copied to the duplicated trial

## Tasks:

In this tab, you'll see any tasks related to the trial and can also add new tasks to the trial.

498 - Egypt WATERMELON ( Demo Trial Luxor )

Recent activity

DESCRIPTION OBSERVATIONS ASSETS **TASKS** DUPLICATE TRIAL

COLUMNS FILTERS DENSITY EXPORT CUSTOM VIEW 0 SAVE CURRENT VIEW + Show all tasks Search... ADD TASK +

Title	Assignee	Reporter	Type	Relation	Organization	Due Date/Time	Status	Actions
Visit before harvest	mark	maciej-seedssoft		498 - Demo Trial Luxor	CropCircle	23/04/2025 08:00	To Do	
test	pilot	pilot		498 - Demo Trial Luxor			To Do	
sample task	pilot	pilot		498 - Demo Trial Luxor			To Do	

# Observation Module

This section of the app gives the user access to all observation data (and photos) collected. As comparing different crops doesn't make sense, the user is obliged to select one crop. As soon as done, all observations done with this crop will be displayed and further filtering is then possible.

**Filter global crop and crop to see related observations**

at	Updated by	Variety	Out reference	Global PLC	Global PLC date	test trait (cm)	High resistance (HR)	WEIGHT GR min	Slg1	WEIGHT GR max
24	David123	SS00AA95	240720	Dev 1y		171, 39.4, 78.2	-	poetic	S2V2	stick
24	David123	SS00AA96	264281	Dev 1y		44.7, 6.7, 58, 21.4	-	poorwill	S1V1	SS00AA96 - WEIG
24	David123	SS00AA98	843625	Dev 1y					S1V1	SS00AA98 - WEIG
24	David123	SS00AB55	628878	Screening					S1V1	SS00AB55 - WEIG
24	David123	SS00AC45	353020	Recorded					S1V1	Simplificationyuhh
24	pilot	SS00AA92	788784	Dev 1y		42.2, 63.7, 41.	-	webbing	S3V3	Timelineograph
24	pilot	SS00AA95	240720	Dev 1y		25.6, 8.6	-	tempered	S2V2	Mandaeanism
24	pilot	SS00AA96	264281	Dev 1y		48.1, 16, 26.3	-	Beet curly top	S3V3	pickup
24	pilot	SS00AA98	843625	Dev 1y		89.2, 87.8	-	Muenster	S3V3	approach

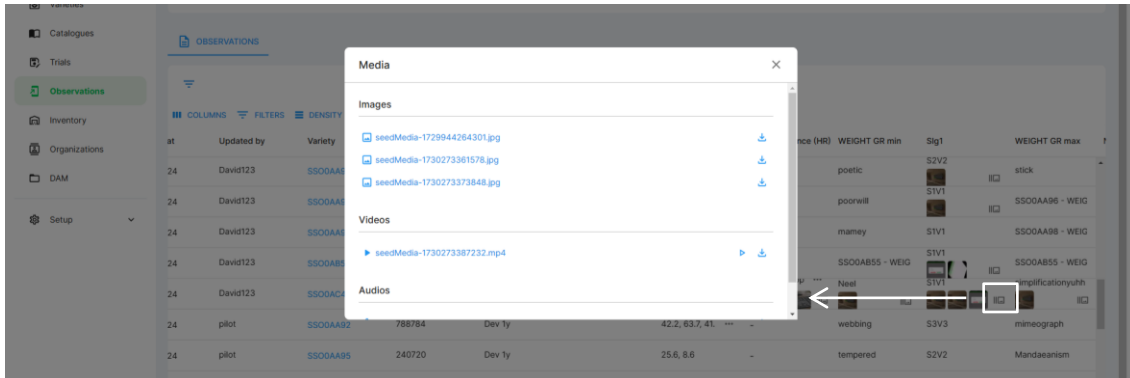
**Assets attached in traits and observations via the mobile app will be displayed here**

**Select global crop and crop to view the observation list (of that crop)**

Trial	Trial date	Trial country	Trial country hier...	Trial type	Trial status	Trial crop	Trial plantingDate	Trial sowingDate	Trial resultDate	Trial internatCo
224	01-06-2022	Egypt	-	Development	Ongoing	WATERMELON	30-03-2022	30-07-2022		Bancello-Ast
224	01-06-2022	Egypt	-	Development	Ongoing	WATERMELON	30-03-2022	30-07-2022		Bancello-Ast
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts
48	28-01-2023	Egypt	-	Screening	Ongoing	WATERMELON	01-12-2022	01-05-2022		Taloum / Ts

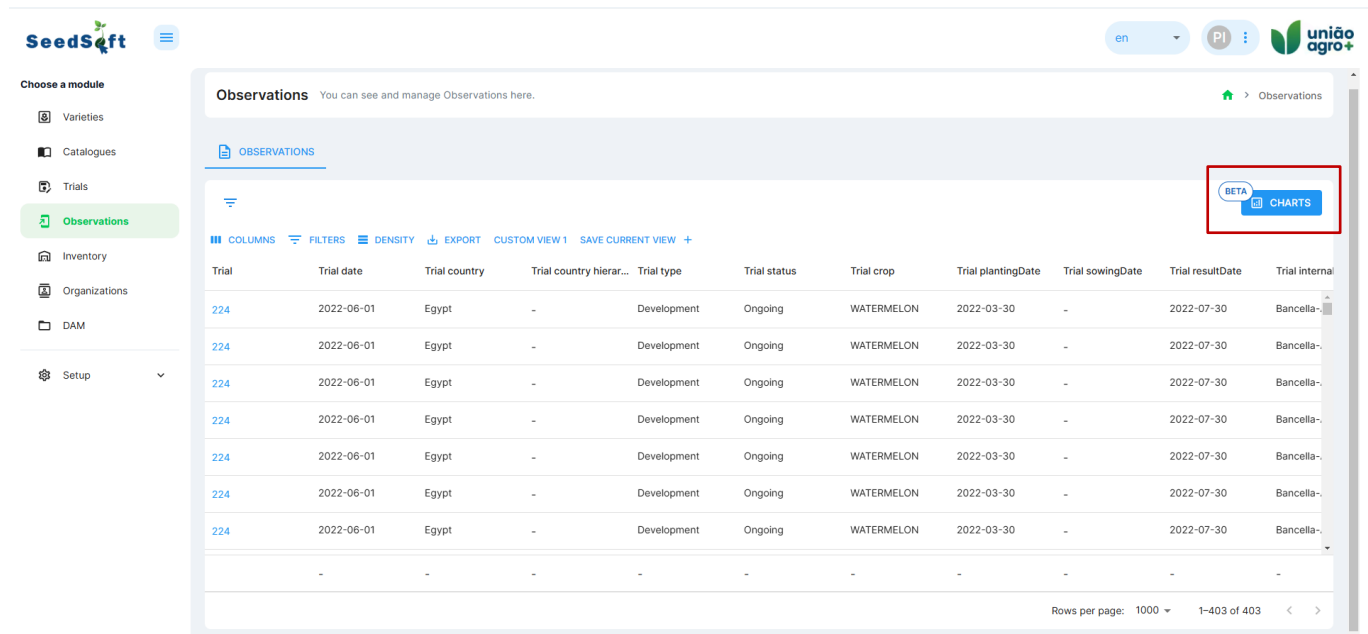
## View and download assets:

By clicking on the “Media” Button you can view and download all assets related to the variety of an observation.



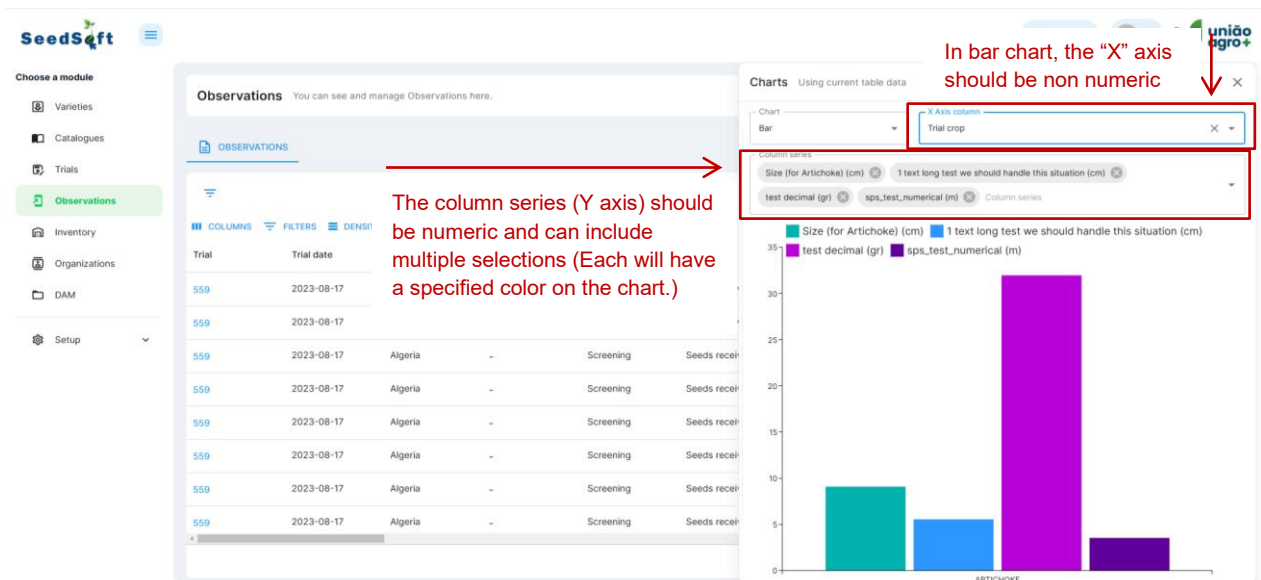
## Observation Charts: (Beta Version)

Use various numerical inputs within the observations table to generate a chart for further analysis of your data.

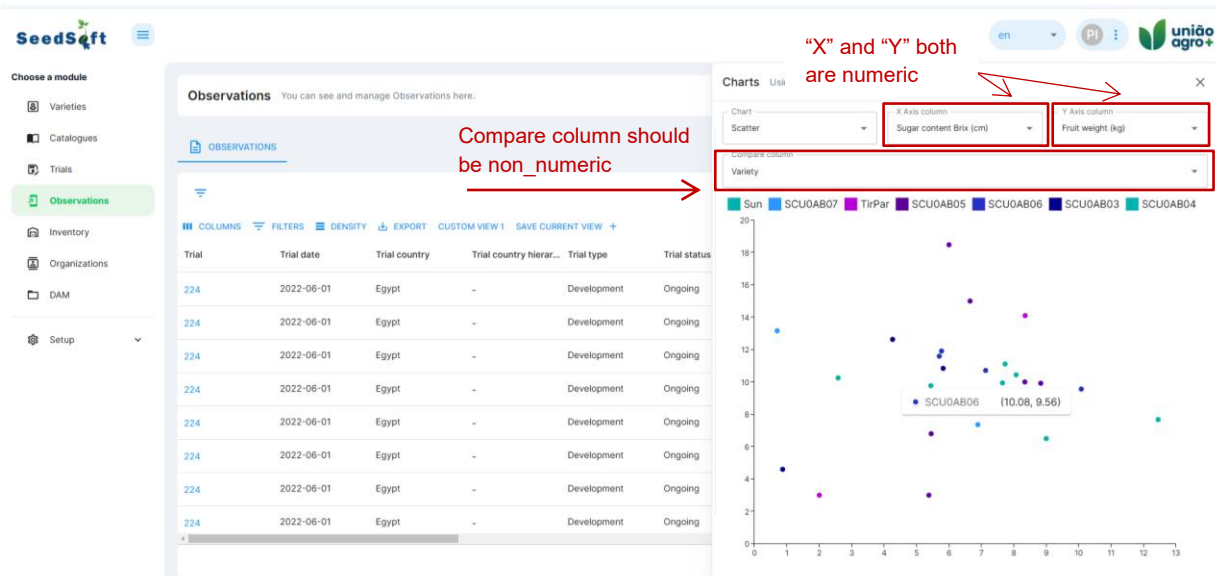


There are two types of charts in observation table:

1. **Bar Chart:** Use one or several numerical data against a meaningful comparable criterion to view data on bar chart.

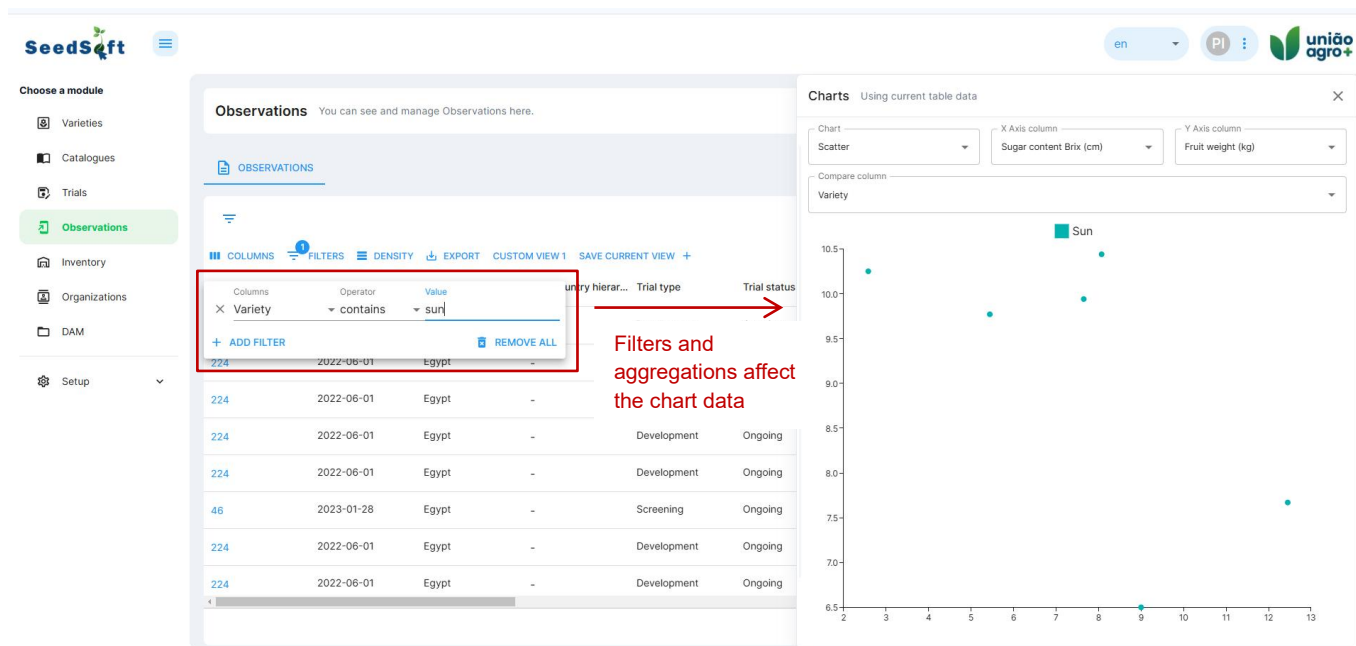


2. **Scatter Chart:** Use one numerical data against a meaningful comparable criterion to view data on scatter chart.



**Note:** The charts are connected to the observation table, and by applying filters, groupings, or aggregations, the charts dynamically respond and mirror the data from the observation table in real time.

For example as soon as a particular variety is selected in the table, the chart data will adjust to display information relevant to that variety.

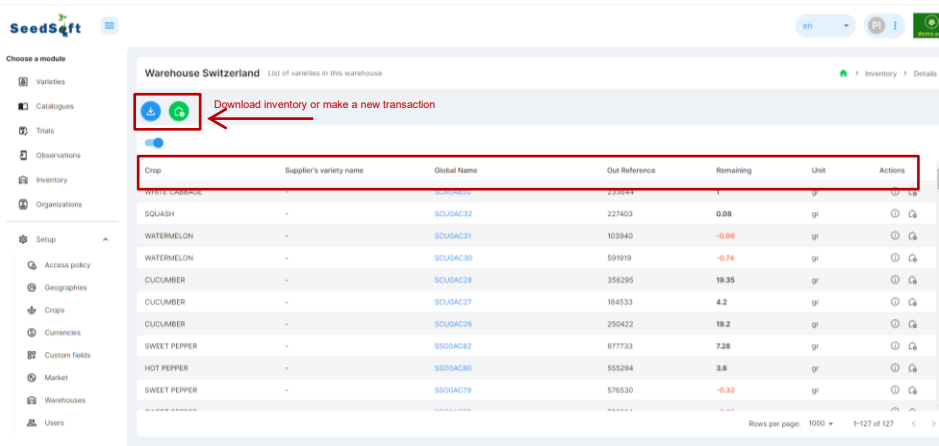
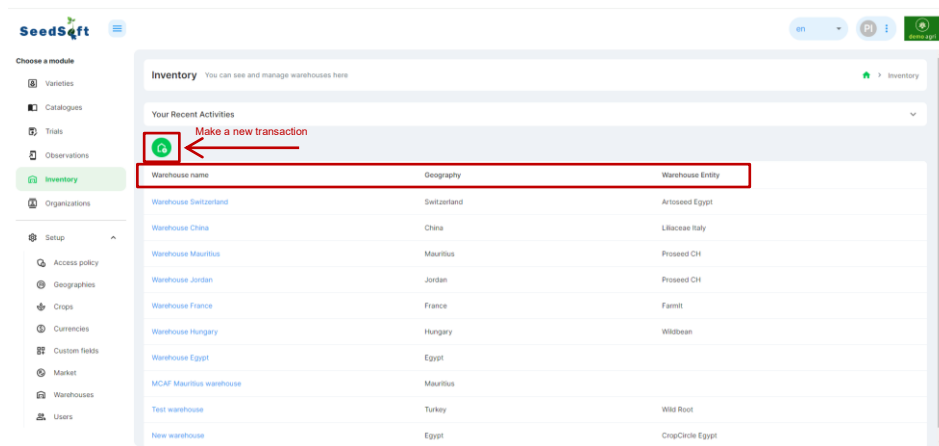


You can also **drag the chart sheet to the right and left** to view different widths.

## Inventory Module

In this section, you can check the crop and variety inventory in various warehouses located in different countries, as well as the warehouse entity.

By clicking on each warehouse name, a list of crops in that warehouse, their global name, coded reference, remaining quantity (after transaction process), and unit will be displayed, along with actions you can take on each: review history (of transaction) or make a new transaction on that inventory/ warehouse. You can also download the inventory of that warehouse using the download button at the top of the list.



## Make a transaction:

By clicking on the "make a transaction" button, you can create a new transaction between warehouses. There are three types of transactions, and other fields need to be filled out depending on the transaction type that you select:

1. **Transfer (In/Out):** Transfer seeds from one warehouse to another. For instance from central warehouse, to trial coordinators home.
2. **Receive:** Receive crops into a specified warehouse from an external source (Breeder, suppliers)
3. **Deduction:** Correction of stock levels in case of inventory mismatches, germination level driven losses or write offs.

- Choose a module
- Varieties
  - Catalogues
  - Trials
  - Observations
  - Inventory**
  - Organizations
  - Setup

**Inventory** You can see and manage warehouses here

Your Recent Activities

Transaction from

Transaction type \* From warehouse To warehouse \*

Global crop Crop Variety \*

Amount \* 1 gr Date 2024/10/14

**SUBMIT**

## Organization Module

In this section, you can view a list of organizations, their type/role (supplier, customer, warehouse, etc.), location, varieties, and trials.

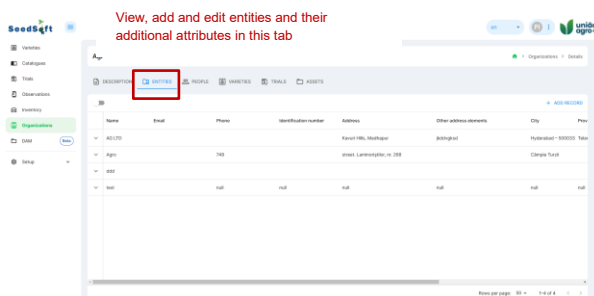
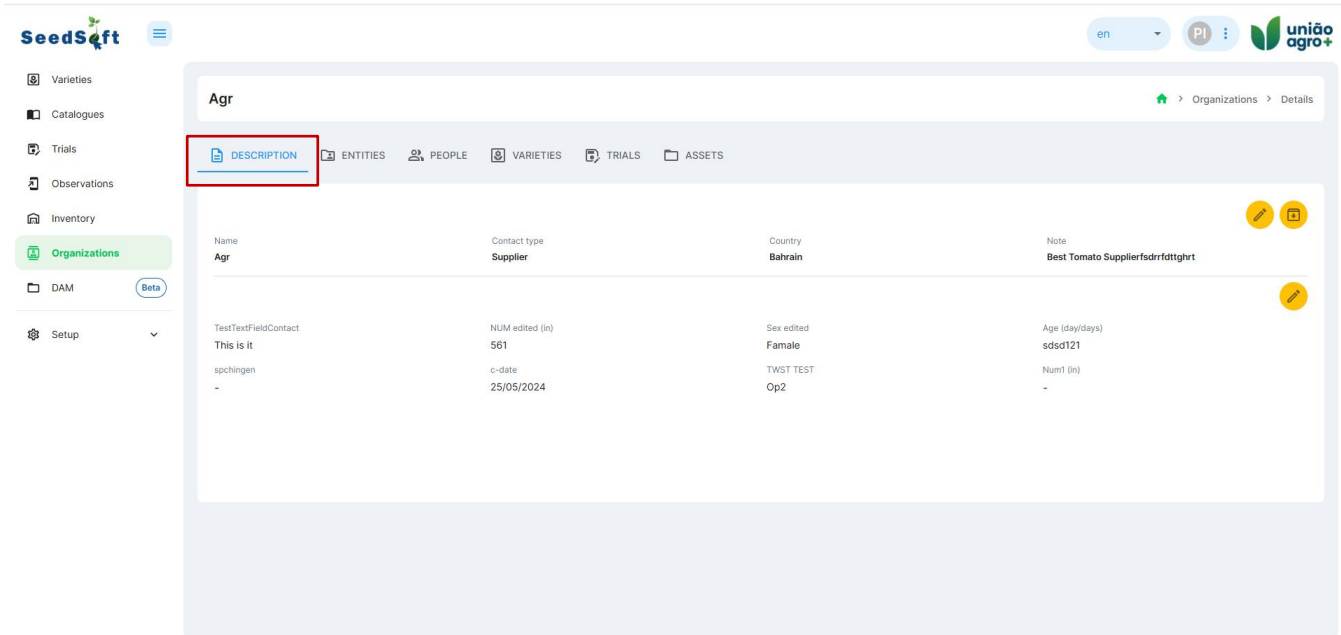
Name	Geography	Hierarchy	Organization type	Note	Varieties trials
2000q	Morocco		Supplier	-	
Agri	Bahrain		Supplier	Best Tomato Supplier	
Agri	West Africa		Customer/Supplier	-	
Alin-Bis	-		Customer	on-site	
a new person	Bahrain		Trial partner / farm	null	
Bancold	Angola		Supplier	ut porttitor leo a diam sollicitudin tempor sit eu risus	
tbl_march	France		Customer/Supplier	Test contact	
tbl_Agri-its	-		Supplier	-	

Total Rows: 91

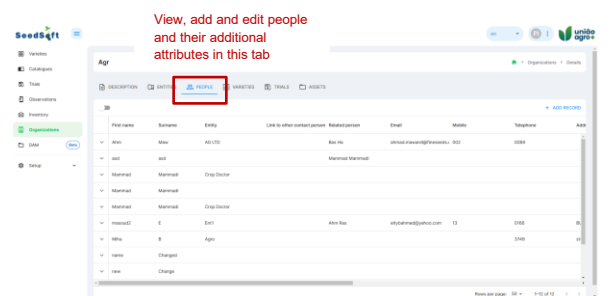
An organization is a **contact** in the system that may include entities in different geographies, along with people working within the organization. Each individual **may be connected** to a specific entity.

You can add a new entity or person, and for additional fields, the admin can define them as needed and they will be displayed in “additional attributes”.

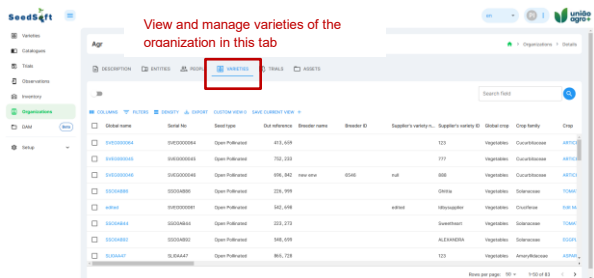
Varieties and trials associated with the organization are displayed at the other tabs at the top of the organization page.



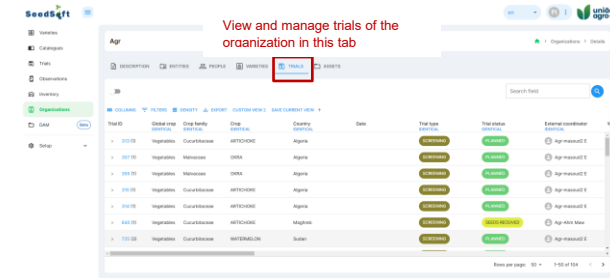
View, add and edit entities and their additional attributes in this tab



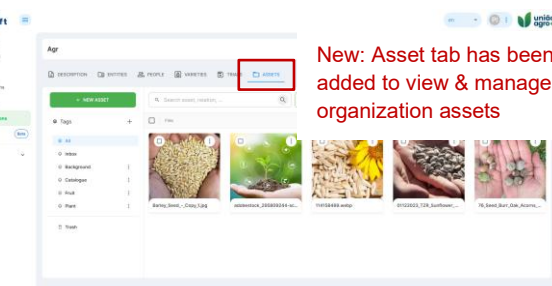
View, add and edit people and their additional attributes in this tab



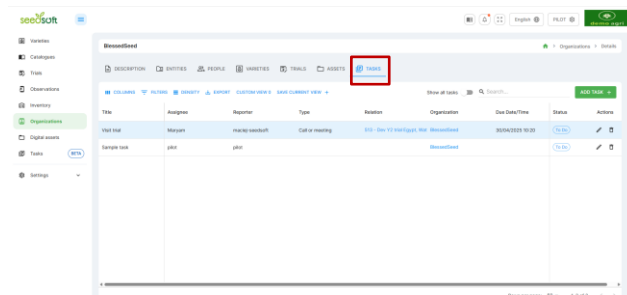
View and manage varieties of the organization in this tab



View and manage trials of the organization in this tab

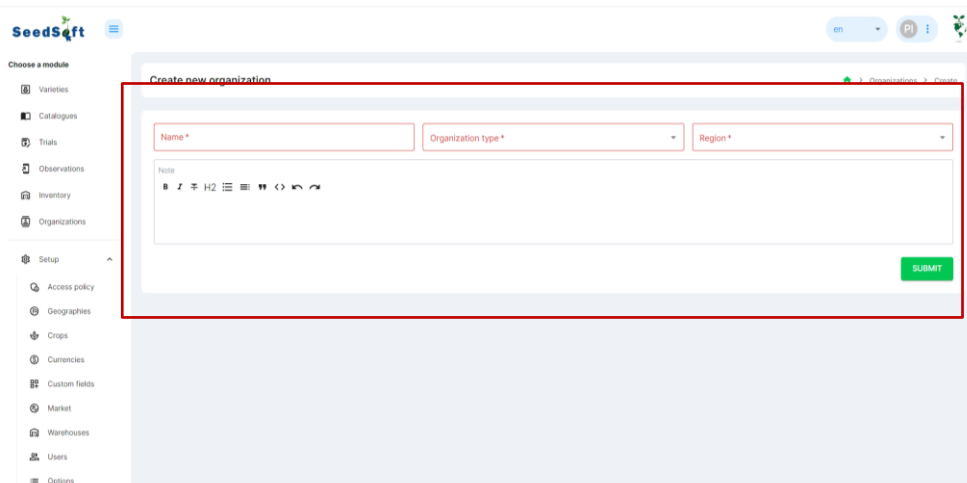
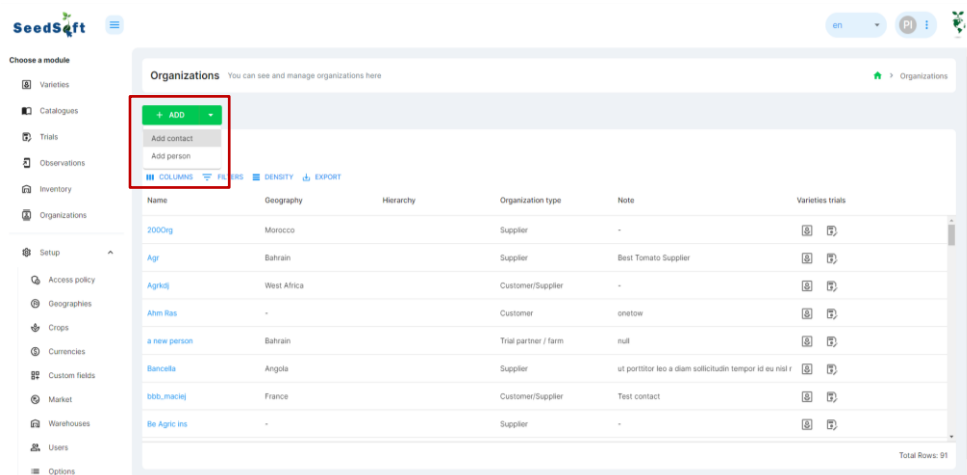


New: Asset tab has been added to view & manage organization assets



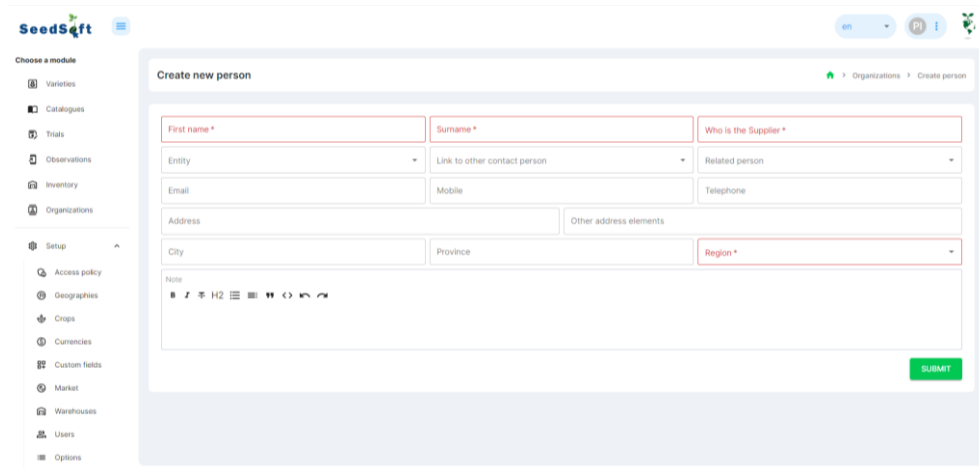
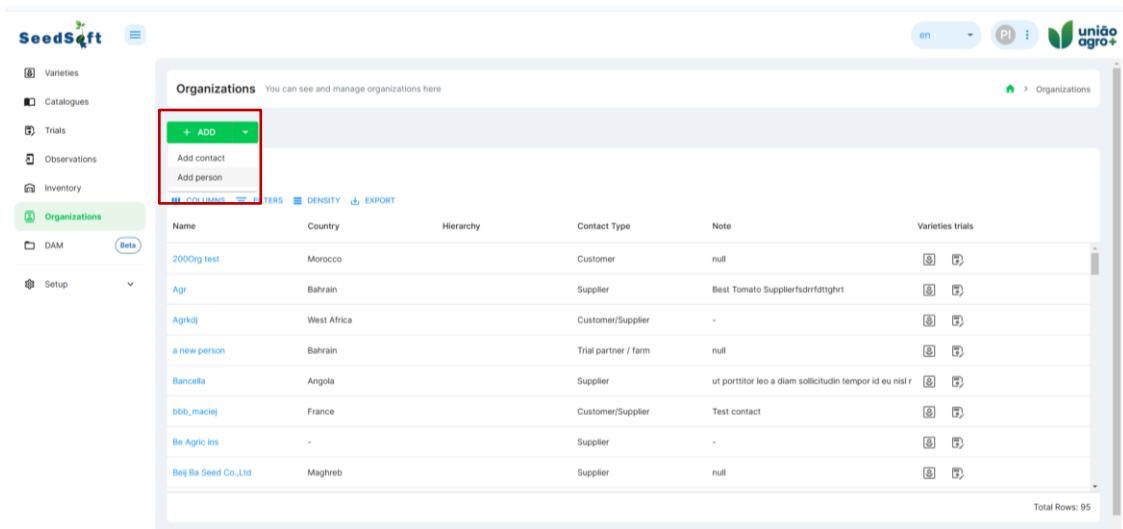
## Creation of a new contact (organization):

On this page, you can create a new organization by adding the organization type, geography, name, and remarks. To add people or entities, you can open the related organization later and add the people/entities to it.

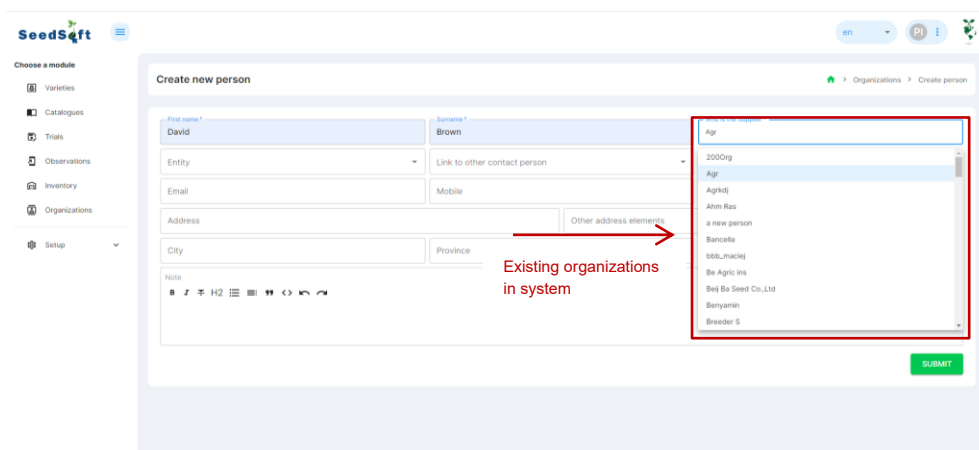


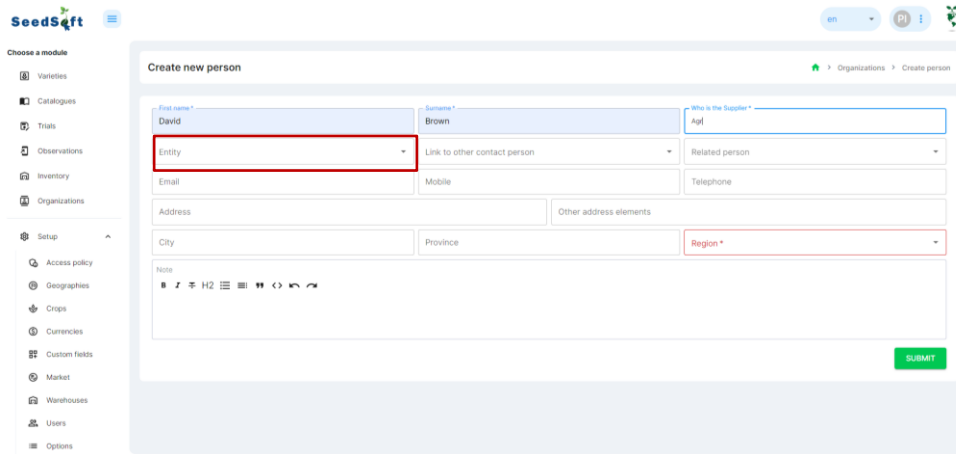
## Creation of a new person:

On this page, you can create a new contact (person). When you type the organization name, a list of existing organizations will be displayed, and you can add the contact to one of them.



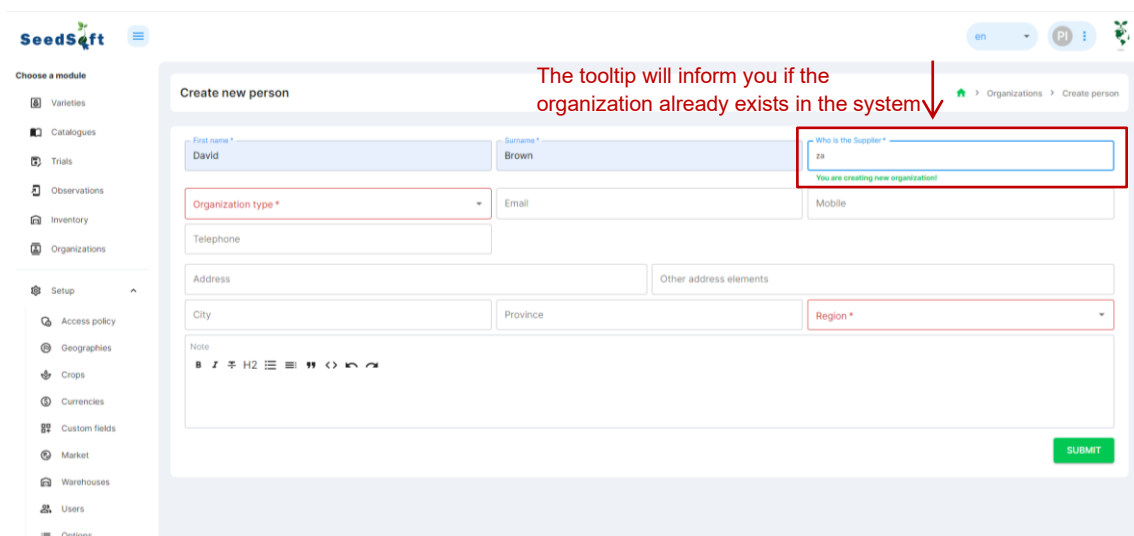
By selecting an existing organization from the list, you can also choose the specific entity within that organization where this person works (this is optional and also link this person to another).





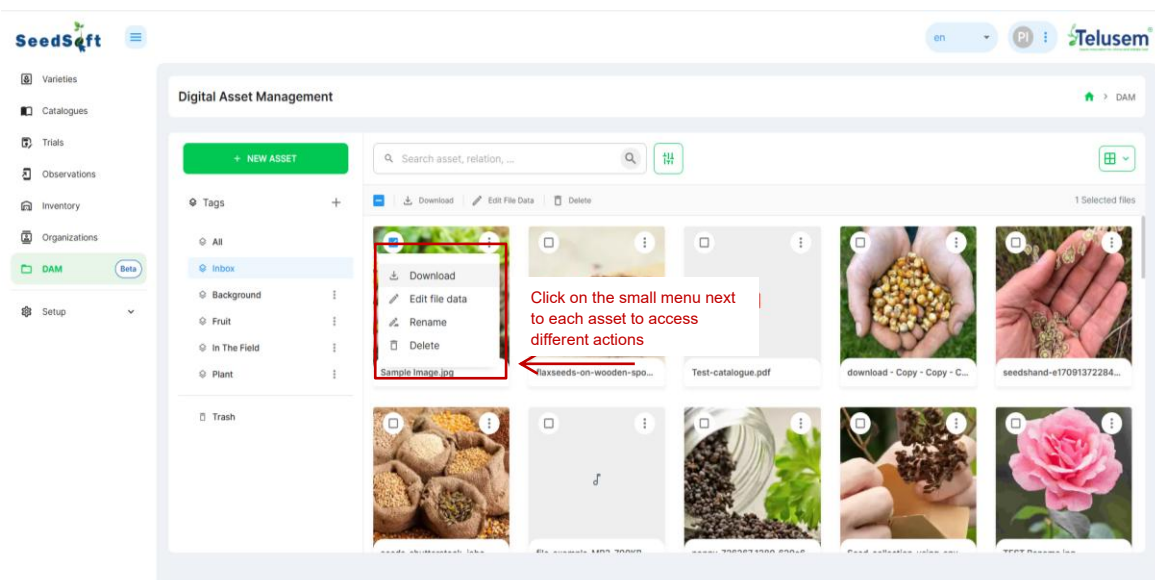
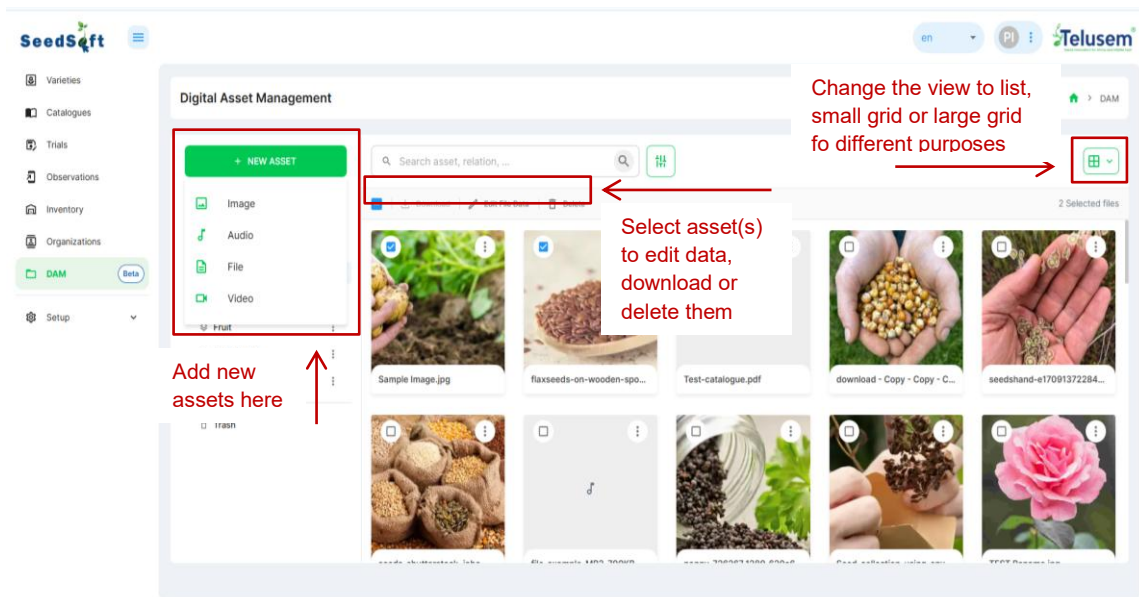
The second scenario occurs when the organization you want to add does not exist in the system. In this case, after entering the name of the organization, the “organization type” field will be displayed, allowing you to create both the person and the organization they belong to.

In this case, the entity will be automatically created, and you can edit the information later on each organization's details page.



# Digital Asset Module

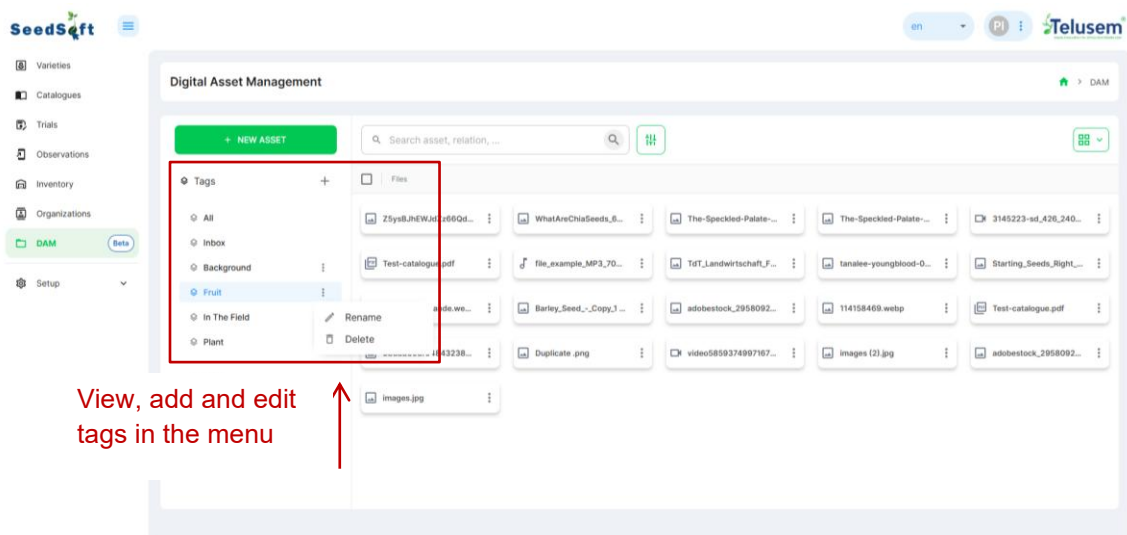
You can now easily view, add and manage Digital Assets (such as images, videos, voices and documents) related to different parts of the system (observation attachments, trial images, variety images, etc.) or independently uploaded in the “**DAM**” module.



## Tag:

To **categorize and organize** assets in DAM, tags can be assigned to assets. An asset can have one or multiple tags.

- All asset in DAM module will be displayed in “**All**”.
- Users with enough access rights can add, rename or delete tags
- The '**Inbox**' tag is assigned to all assets uploaded in an observation using the Seedsoft mobile app. From here, you can assign other tags to new assets, and they will be transferred to that tag.

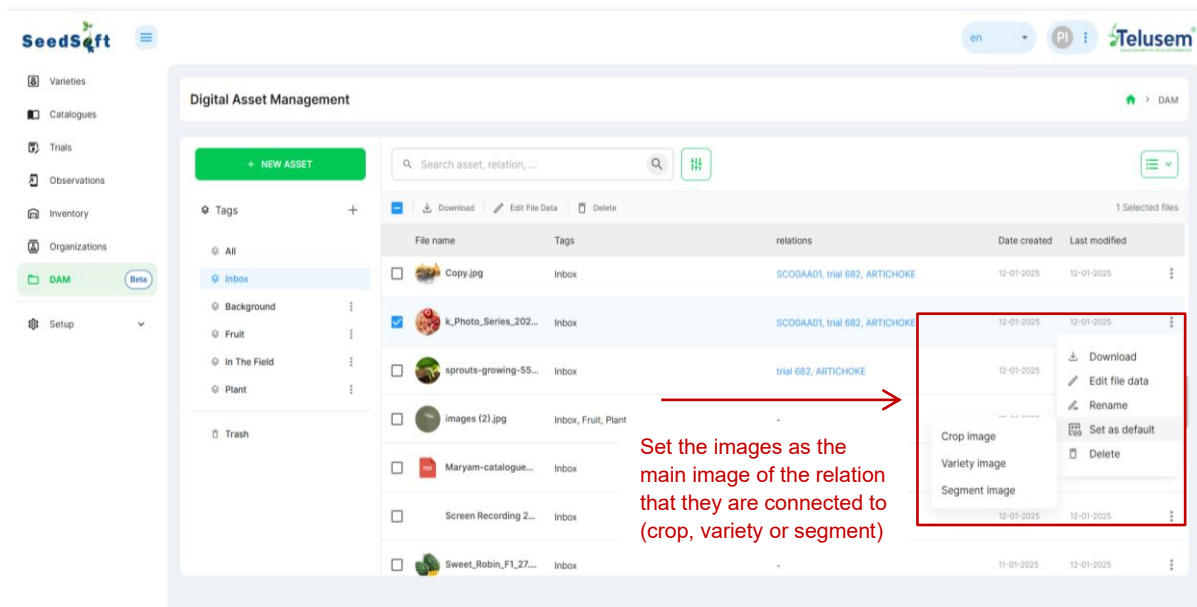


## Relation:

Each asset can be connected to one or more models in the system, such as variety, trial, observation, crop, etc.

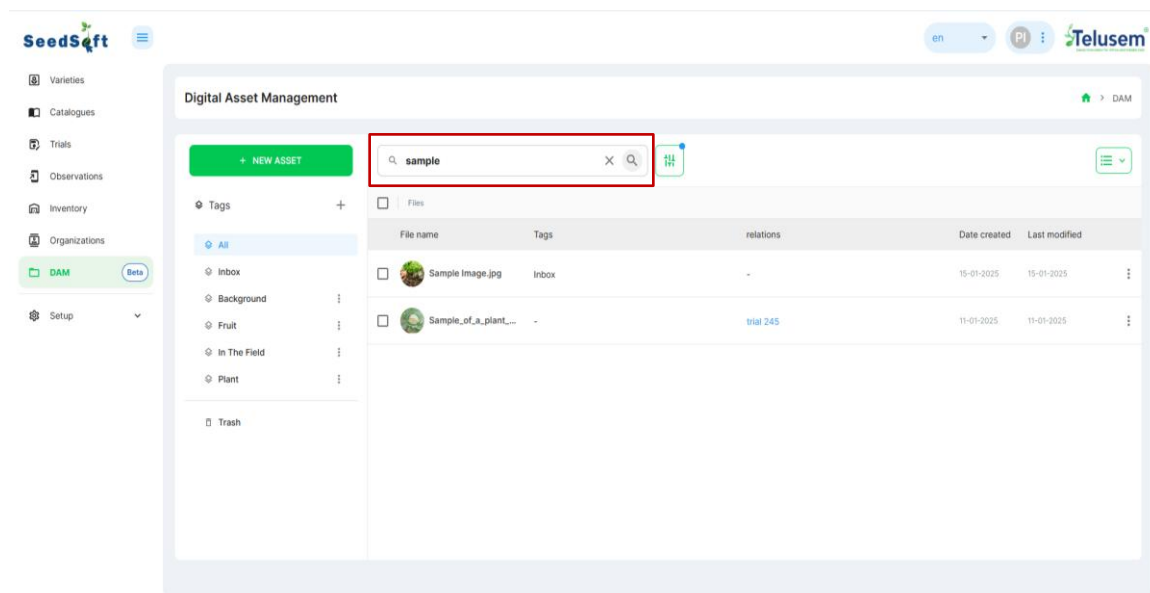
For example, if an observer attaches an asset in the mobile app to a particular observation, the name of that observation will be assigned to the asset's metadata, and this way the asset and the observation will be connected.

**Note: Images uploaded in the DAM module can be set as the main image for the variety or crop which they are related to.**

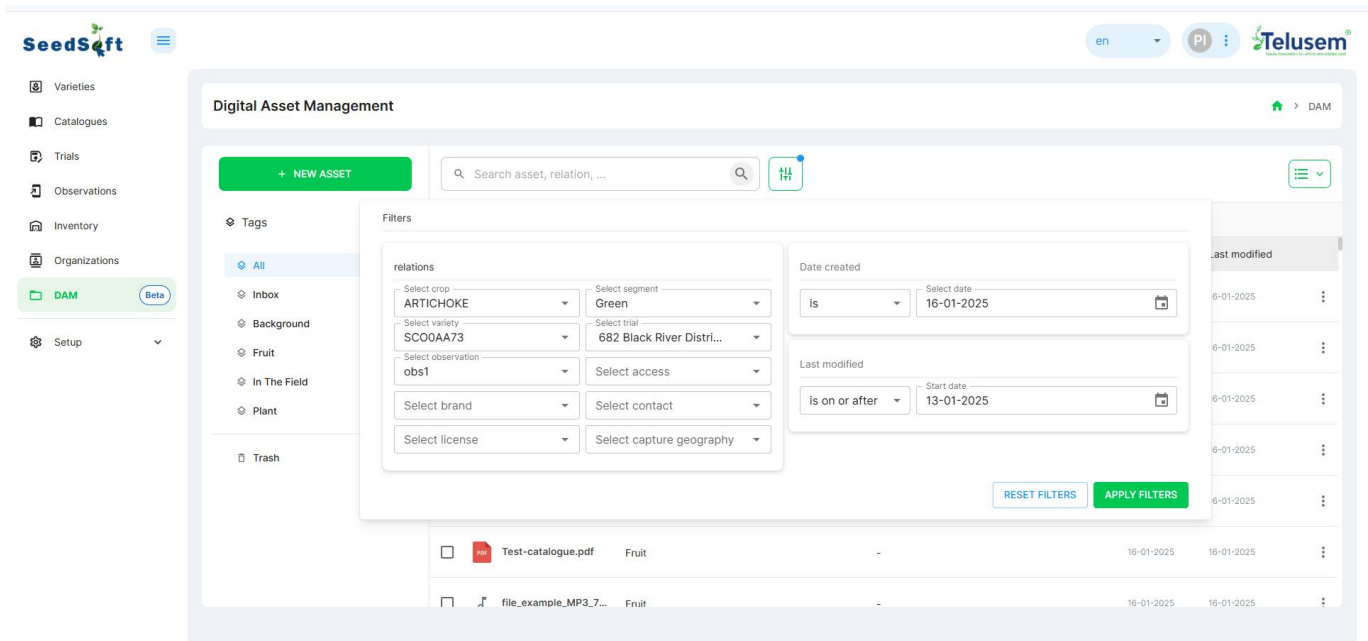


## Search and Filters:

In the DAM module, you can search for assets based on file name.



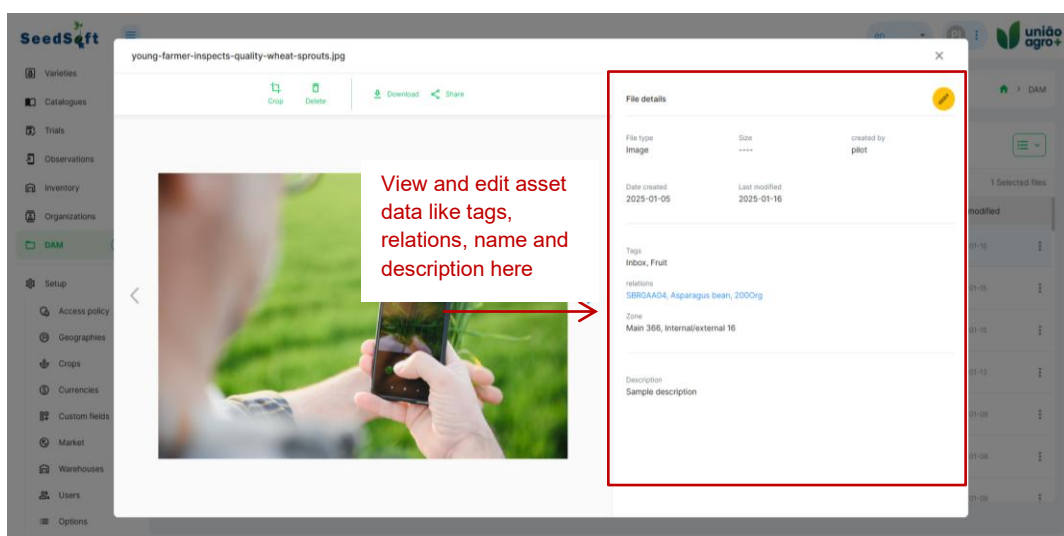
You can also use smart filtering to find assets based on their relations, created and modified date.

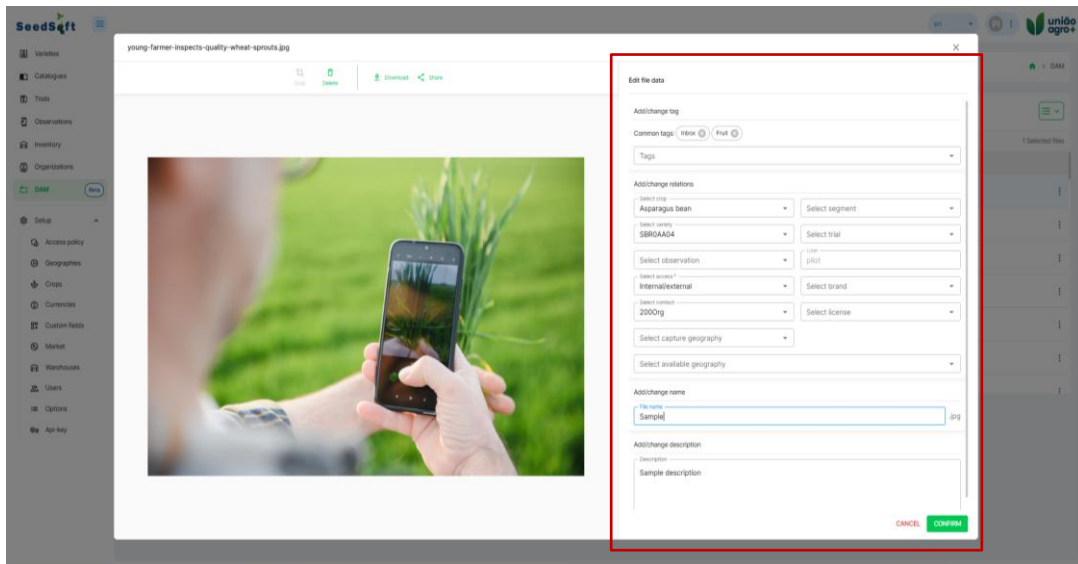


## Edit Asset:

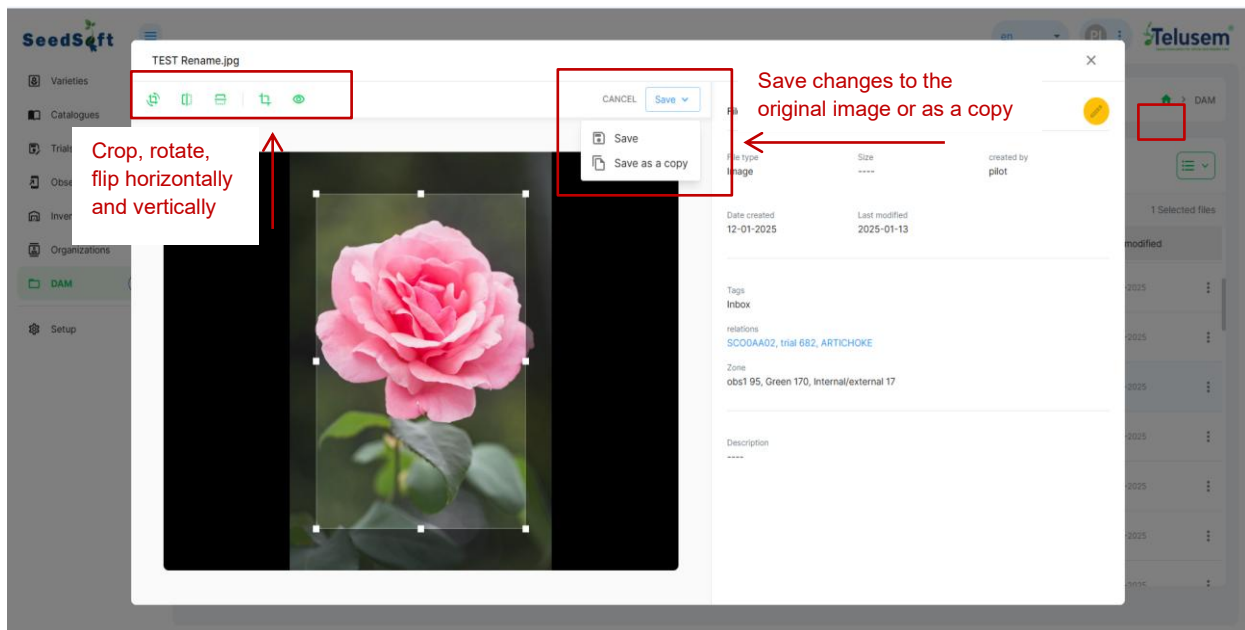
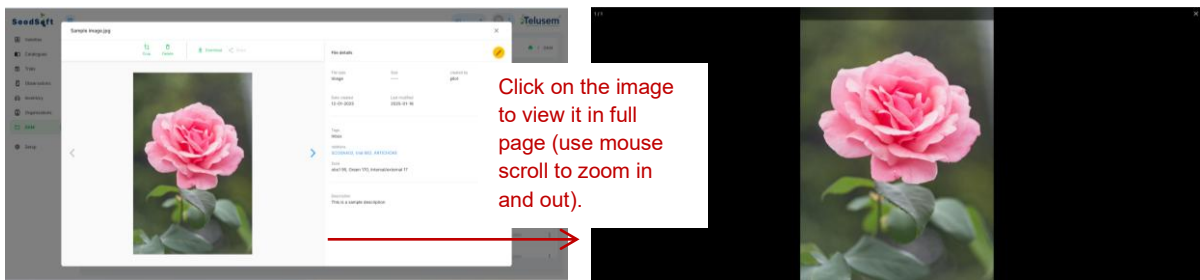
Tags and relations are both modifiable

- Manage and edit tags, relations, and description for a single asset

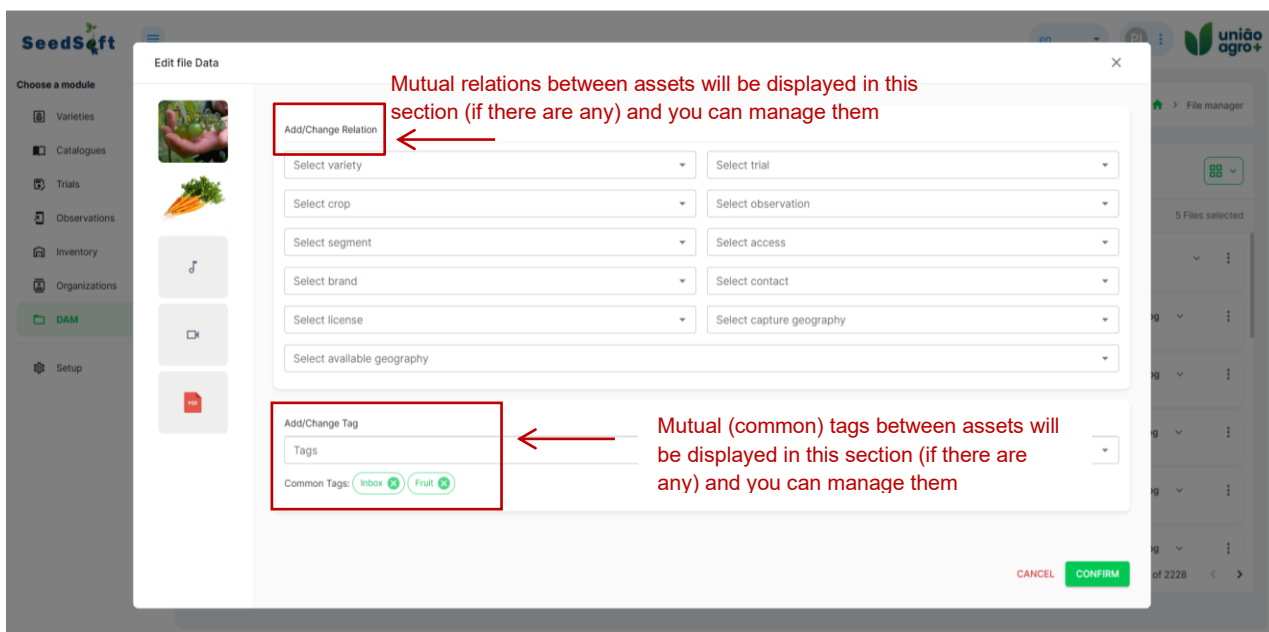




- Use available tools to edit image assets

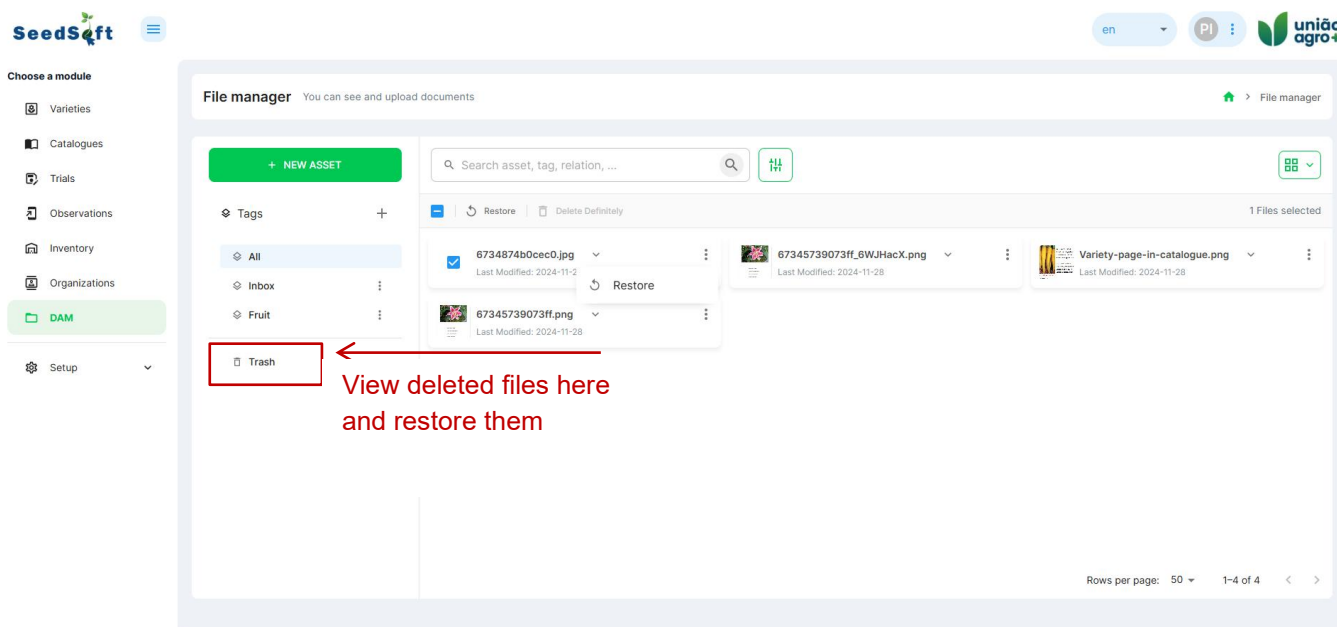


- Manage and edit tags and relations for multiple assets.



## Trash:

You can find deleted files in "Trash" and restore them from there.



# Task/Note

To create and manage tasks for yourself or other users in the system, you can now go to the “Tasks” module. Tasks are automatically sorted by the closest due date/time.

Only “To Do” tasks are displayed in the initial view

Double-click on mark status to mark a task as done

Edit or delete a task here

Title	Assignee	Reporter	Type	Relation	Organization	Due Date/Time	Status	Actions
test sp		pilot	Trial Setup	null - undefined - undefined		04/20/2025 14:52	To Do	
Notification user	MM	pilot				04/22/2025 15:11	To Do	
TestMaryam12	MM	pilot		undefined		04/23/2025 15:09	To Do	
test not works S	kerslay	pilot					To Do	
testm	pilot	pilot	Call	756 - Tes			To Do	
test	pilot	pilot					To Do	
test iPhone	pilot	pilot		756 - Test Sync (REP)			To Do	
Debugging	pilot	pilot					To Do	
test!!!!!!	pilot	pilot					To Do	

You can also add and manage tasks within a trial, variety, or organization, under a tab called “Tasks.”

756 - Middle East WATERMELON ( Test Sync (REP) )

Recent activity

DESCRIPTION OBSERVATIONS ASSETS **TASKS** DUPLICATE TRIAL

Title	Assignee	Reporter	Type	Relation	Organization	Due Date/Time	Status	Actions
Update Info	Sample	pilot	Trial Setup	756 - Test Sync (REP)	Breeder S	04/23/2025 16:07	To Do	
Sample Task	newuser@hj.com	pilot	Trial Setup	756 - Test Sync (REP)		04/25/2025 12:00	To Do	
Start the trial	test_domain	pilot	Trial Setup	756 - Test Sync (REP)	Beij Ba Seed Co.,Ltd	04/26/2025 12:00	To Do	

## Create New Task:

To quickly add a task, click on “Add Task”, and a small dialog will open. This dialog remains open even after a task is created, which is especially helpful when you want to create multiple tasks in a row quickly.

If you need to add more details to a task, click on “**View More Fields**” to open the detailed form. In this form, you can enter the following:

- Task title
- Task type
- Due date/time (You can modify the time zone so the user will see the task in their local time)
- Reminder(s)
- Assignee (Select from the list of users in the system)
- Description
- **Relation** (You can link the task to a specific trial or variety in system)
- Organization (You can link the task to a specific organization or person in the system)

The small dialog for quickly adding a task

Title	Assignee	Reporter	Type	Relation	Organization	Due Date/Time	Actions
Visit farmer bab	pilot	maciej-seedsoft	Call or meeting				
remind me	maciej-seedsoft	maciej-seedsoft	Data update				
Talk to Maryam	maciej-seedsoft	maciej-seedsoft	Call or meeting	Blue ribbon			
Visit before harvest	mark	maciej-seedsoft		498 - Demo Trial Luxor	CropCircle		
Visit trial	Maryam	maciej-seedsoft	Call or meeting	513 - Dev Y2 trial Egypt, Wat	BlessedSeed		
Talk about new Watermelon	maciej-seedsoft	maciej-seedsoft		Blue ribbon	CropCircle		
check status with farmer	maciej-seedsoft	maciej-seedsoft	Data update	224 - Egypt - WATERMELON		31/05/2025 15:02	To Do
test	roger	roger					To Do
test	pilot	pilot		498 - Demo Trial Luxor			To Do
Sample task	pilot	pilot			BlessedSeed		To Do

Change the timezone to match the assignee's

Remove an existing reminder or add a new one

Mark this checkbox if you want to keep adding tasks

To learn more about timezone settings, task notifications, and reminders, please refer to the [“Profile Settings”](#) section in this document.

## Glossary

### A

**Aggregation (in data tables):** Allows to see data in an aggregated form (sum of a group, average of several numbers etc.) in a data grid. The most frequently used ones are:

A. Identical: If all items in a that column within a group are identical, they'll be displayed at the 'group level'

Trial ID	Crop IDENTICAL	Country IDENTICAL
498 (6)	WATERMELON	Egypt
	WATERMELON	Egypt
	WATERMELON	Egypt

B. Average: instead of seeing individual values for a field of group, a mathematical average will be shown.

C. Size: The total number of items in a column.

D. Sum: Shows the result of adding all numbers together in a numerical column.

E. Min: Shows the minimum amount in a column.

F. Max: Shows the maximum amount in a column.

**Archive:** An option to hide items that are no longer in use. You can restore archived items whenever needed. In most modules, you'll see a switch that, when turned on, shows archived rows or

items in the list. You can easily unarchive them using the "unarchive" button.

Note: To archive an item, you must first archive all related or subordinate items. For example, you cannot archive an organization until the people and entities associated with it are archived.

The screenshot shows the AgroGenesis software interface. At the top, a red error message box states: "0: Cannot be archived!, some entities or people in the Organization subset are not archived." To the right of this message, a red text annotation reads: "You should start by archiving the people first". The main interface displays the details for the organization "AgroGenesis", which is a "Customer" located in "South Africa". Below this, there are two sections: "Entities" and "People". The "Entities" section lists "FRESHCROP" and "SOLIDROPS". The "People" section lists "MATHIEU RIBON" and "RICHARD NOLTE". Each entity and person entry includes fields for Email, Phone, Mobile, Address, Identification number, and Note. A yellow "archive" button is visible next to each entry. In the top right corner of the interface, there is a "demo agri" logo.

## B

**Breeder:** The individual or company who has bred a seed variety.

## C

**Chart:** A statistical view of the numeric data in the observations table allows for more effective and easy analysis and assessment of the data.

**Crop (or species):** Lowest level of aggregation of products in SeedSoft usually corresponding to agronomical species. However, there can be exceptions – for instance a SeedSoft user can choose to have Tomato Determinate and Tomato Indeterminate as separate crops.

**Crop family:** A group of related crops within the same botanical family, sharing similar characteristics and growing conditions. Example: Solanaceae (tomatoes, peppers, eggplants). In SeedSoft it's the second (after Crop) product grouping level.

**Coded reference:** A randomly created numerical code for each variety. Can be used to as an alternative to Serial number in order to maintain product secrecy.

**[Data Grid] Columns:** Through this section you can control and manage columns.

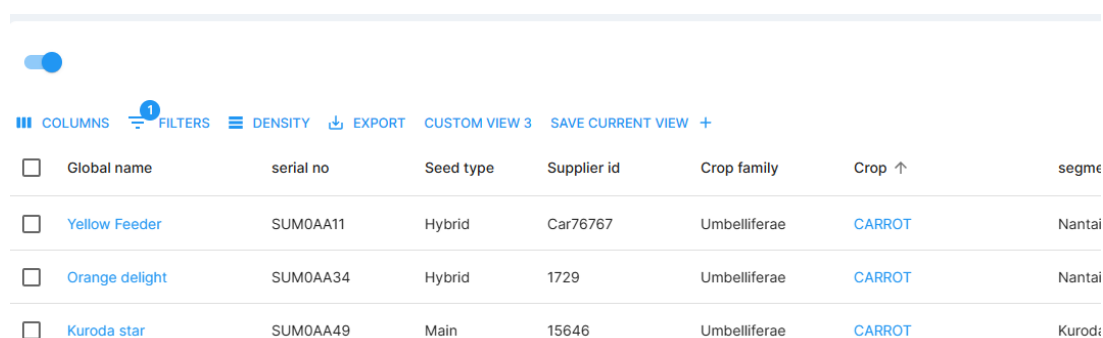
**[Data Grid] Custom view:** In this section a user can manage saved views of a data grid.

**Custom field** – a field added by the SeedSoft client to a module of the system. This field will be added to all 'members' of the module (for instance all varieties or all trials). A custom field can be a 'text' / 'text area' (for longer texts), 'numeric', 'date', 'single- or

multi select' type. The admin can also specify access levels required to see the field and then add these levels to user roles (see access management).

## D

**Data grid:** This is the name of the tables used in SeedSoft:



<input type="checkbox"/>	Global name	serial no	Seed type	Supplier id	Crop family	Crop ↑	segment
<input type="checkbox"/>	Yellow Feeder	SUM0AA11	Hybrid	Car76767	Umbelliferae	CARROT	Nantai
<input type="checkbox"/>	Orange delight	SUM0AA34	Hybrid	1729	Umbelliferae	CARROT	Nantai
<input type="checkbox"/>	Kuroda star	SUM0AA49	Main	15646	Umbelliferae	CARROT	Kuroda

## E

**External coordinator:** An individual external to the SeedSoft client responsible for observing and managing a trial.

## E

**Farm gate price:** Price of seeds as paid by the farmers.

**[Data Grid] Filter:** Data Grid function allowing to filter the list in a granular way by different columns or their combination. You can add filters and choose whether to filter based on both criteria or

only one (AND/OR). There is also a "remove all" option that allows you to clear all filters and view the default list.

## **G**

**General result [Trial]:** Indicates the final result of a trial.

The options can be adapted in a client system, as standard they are:

- A. Negative
- B. Non conclusive
- C. Positive

**Global crop:** In SeedSoft it's the third (after Crop and Crop Family) product grouping level. For instance: 'Field Crops' and 'Vegetables'

**Group by:** Grouping all columns based on/prioritized by that specific column title.

- **[Trait] Grouping:** Through the options module, the admin can define trait groups. While creating or editing a trait, you can specify the group and select which group the trait should belong to (this is displayed in mobile app).

## H

**Hierarchy (geography):** The link between a particular geographical region and the 'World'. For example: World/Asia/India/Gujarat. It is fully configurable in SeedSoft.

## I

**Incoterms:** Widely-used terms of sale, are a set of 11 internationally recognized rules which define the responsibilities of sellers and buyers.

[Read more](#)

**Internal coordinator:** An individual within the organization who is responsible for observation and managing a trial.

## L

**Legend:** A short guide or tooltip that briefly explains the concept behind a trait or specific field for the observer. For example, the "Trial Result" legend might include options like "Canceled," "Planned," or "Completed," providing clarity on each term's meaning and usage.

## **M**

**Manager [Trial]:** An individual within the organization who is responsible for management of a specific trial.

**Margin:** The difference between a product selling price and the cost of production (or purchase), can also be expressed a percentage ratio of profit to revenue.

## **O**

**Observation (In trials):** Data and photos gathered in the field during a visit. Typically, each visit to a field is one observation in SeedSoft. Each trial can have an unlimited number of observations associated with it.

## **P**

**Product Life cycle (PLC):** All the stages of product's existence from early breeding, through adaptation trials, commercial presence to obsolescence. The various stages can be defined by the client. As standard they are defined as:

	Code	Meaning	Time
Trialing	Screening	New product, first trials to assess basic fit to market	Max 1 year
	Development year 1	1 <sup>st</sup> year of in-country trials with comparison to benchmark	1 year
	Development year 2	2 <sup>nd</sup> year of in-country trials to confirm yield, positioning and USP	1 year
Sales	Pre-commercial	Commercial preparation (Demo trials / regulatory work)	Max 1 year
	Phase in	Intense marketing efforts, first sales	1-2 years
	Growth	Commercial growth phase	1-3 years
	Cash	Plateau, maximum sales, stale market positioning	0-10 years
	Decline	Sales dropping, successor in growth phase	2-5 years
End of life	Phase out	Last commercial efforts, removal of variety from the market	1-2 years
	Sell off	Sell off of the available stock (typically at discount)	1-3 years
	Obsolete	No activity	Forever

**Protocol:** Refers to a specific selection of traits assessed in a trial. For example, depending on skills of an observer or needs of a particular trial, one protocol might have only a few traits focusing on fruit quality and yield, while another might be much more extensive and cover diseases, plant behaviour, seed germination and post-harvest performance.

**Note:**

1. Once a protocol is selected for a trial, it cannot be changed afterward.
2. Protocols are defined and linked to a crop in the options module by the admin.

**R**

**Relation:** Each asset is connected to one or more specific section in the system, such as variety, trial, observation, segment, etc.

These relations can be defined either in DAM by manually adding

the relations to assets, or they can have default relations when they are added through related section.

## S

**Scope (of traits):** There are two available scopes of traits in SeedSoft:

1. Web (descriptive): describing the variety in variety details / catalogues.
2. Mobile (observable): Visible in mobile and used to observe varieties in the field.

The same concept – fruit length for the same variety can look different. As a observable trait fruit length might be an array of numbers: *[10.5, 12.3, 14.3, 10.7, 11.0]* whereas the descriptive trait of fruit length might be: *“in normal conditions 90% of fruits between 11-13cm”*.

**Serial number:** A unique identifier assigned to a variety used for tracking and record-keeping purposes. When creating a variety, a serial number will be **auto-generated by the system**. The format of the serial number must be defined at the beginning of working with SeedSoft

**Seed type:** There are two types of seeds:

- A. Open Pollinated (OP): Naturally pollinated seeds that can be saved and replanted, producing consistent plants.
- B. Hybrid (F1): Cross-pollinated seeds from different parent plants, offering specific traits but not true-to-type if replanted.

**Segment:** A categorization of varieties within a crop. A variety can belong to many segments. An example is a Watermelon variety belonging to segments: Elongated Seeded and Crimson Sweet.

**Supplier:** The contact or individual that provides seeds (varieties). There are three fields in varieties related to suppliers:

- A. Supplier's variety name
- B. Supplier's variety ID
- C. Name of the supplier

## I

- **Tag:** To categorize and organize assets in DAM, tags are assigned to assets. An asset can have one tag or multiple tags.

**Trait:** A distinguishing characteristic or feature of a crop, can be resulting from its genetic makeup or influenced by environmental factors (e.g., color, firmness, etc.). In case of SeedSoft there are 2 scope or types of traits: observable (collected in the field) and

descriptive (used in the variety description for technical and marketing purposes). All traits can be stored as:

- A text field
- A numerical field (incl. several number per cell)
- Single- and multi select
- Date

**Transaction [warehouse]:** Transactions are the process of moving sample seeds and include three types – see the corresponding [module](#).

**Trial ID:** An ever-incrementing and unique number of a trial.

**Trial status:** Status of the trial shows the progression of the trial from start to completion. The statuses can be defined by SeedSoft clients and typically include at least 3 statuses:

- A. Planned: The process of planning the trial and observation stages.
- B. On-going: Typically after the first observation
- C. Completed: Successfully finished.

**Trial type:** Trial types are indicating the reason for performing a trial. The reasons are client-configurable. A standard set from SeedSoft is:

- A. Screening - typically trial of a large number of varieties to choose the promising candidates for more detailed trials in a particular geography
- B. Development - trial of a small number of new varieties with properly chosen internal and external benchmarks to find the best performers.
- C. Pre-commercial - trial of a variety chosen for commercialization, mostly for final positioning and demonstration purposes
- D. Regulatory - for registration in a particular geography
- E. Other - if none of the above fits

**Trial sowing date:** Date when the seeds are sown.