

# 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>
<b>1.0</b>	<b>20/09/2024</b>	<b>Maryam</b>	<b>First published version</b>

Versioning:	2
Introduction	4
Navigation of the SeedSoft system	5
Varieties Module	7
<b>Description:</b>	8
<b>Price Guide:</b>	9
<b>GTM/Local Pricing/PLC</b>	10
<b>Trial</b>	10
<b>Availability stock</b>	11
Catalogue Module	11
<b>Creation of a new catalogue:</b>	12
<b>Add varieties to a catalogue:</b>	12
Trials Module	14
<b>Creation of a new trial:</b>	15
Observations Module	19
Inventory Module	20
<b>Make a transaction:</b>	21
Organization Module	22
Glossary	25

## Introduction

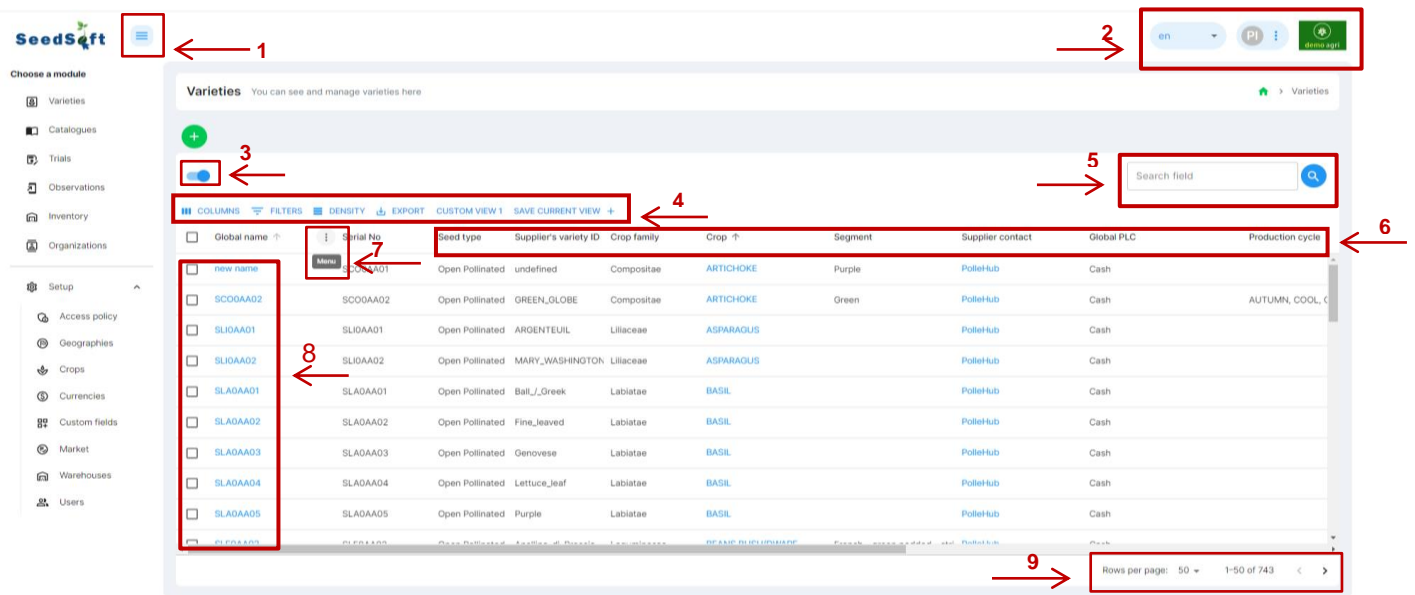
Seedsoft is designed to assist you in efficiently managing portfolio of Seeds Varieties their Life Cycle and the corresponding trials.

The system has six main interconnected modules:

- [Varieties](#)
- [Catalogues](#)
- [Trials](#)
- [Observations](#)
- [Inventory](#)
- [Organizations](#)

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.
2. **Select language** and **access profile sections/ settings** through these buttons. Your logo is also displayed on the top right corner.
3. By toggling this switch, you can change the **status of the table**. When you hover over the switch, a small tooltip will appear, explaining the function of the switch.
4. Using the **buttons at the top of the list**, 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.

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. 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.
8. The blue color indicates a link, and by clicking on it, the relevant details will be displayed.
9. At the bottom right, you can access pagination and easily navigate through pages.

# Varieties Module

This module provides the space to store, maintain, and report on all varietal information.

1. On the Varieties page, click on "Add Variety."
2. On this page, enter/select details of your variety, such as crop name, crop family, global crop, etc. (Fields highlighted in red are mandatory).
3. You can then upload images
4. Finally submit the variety information.

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

The image shows two screenshots of the SeedSoft Varieties Module. The first screenshot shows the 'Varieties' page with a sidebar on the left containing 'Varieties', 'Catalogues', and 'Trials'. A red box highlights a green plus icon with the number '1' next to it, indicating the 'Add Variety' button. The second screenshot shows the 'Create new variety' form. A red box highlights the 'CREATE VARIETY' button with the number '2' next to it. The form contains several fields: 'Global crop', 'Crop family', and 'Crop name\*' (highlighted in red); 'Segments' and 'Production Cycles' (both highlighted in red); 'Seed type\*' (highlighted in red) with a dropdown menu; 'Global Name', 'Supplier's variety name', 'Supplier's variety ID', 'Supplier Contact', 'Breeder's variety name', 'Breeder ID', and 'Name of the breeder'. At the bottom, there are two 'Upload More Images' buttons (both highlighted in red with the number '3' next to them) and a 'SUBMIT' button (highlighted in red with the number '4' next to it).

By clicking on a variety name, a page will open that includes five sections:

- [Description](#)
- [Price guide](#)
- [GTM/Local pricing/PLC](#)
- [Trials](#)
- [Observations \(soon\)](#)
- [Availability stock](#)

## Description:

- The first section provides an overview of the variety.
- The second part contains custom fields - fully customizable by SeedSoft client.
- The last section includes traits that are crop specific. Typical example could be a Watermelon trait called: 'Seedless?' with the options: 'seeded, seedless, edible seeds' .

The screenshot shows the SeedSoft interface for the variety 'BEANS BUSH/DWARF - SLE0AA81'. The 'DESCRIPTION' tab is active. Section A (top) contains a product image of green beans and a table of key information:

Supplier ID: Barbano	Variety global name: SLE0AA81	Our reference: 337247
Supplier Name: -	Crop family: Leguminosae	Crop: BEANS BUSH/DWARF
Segment: French - green podded - stringless	Production Cycle: SECOND EARLY	Production life cycle log set: Screening at 21/05/2023
Seed Type: Open Pollinated	Contact: Vegetate	Breeder's variety ID: -
Breeder's variety name: -	Name of the breeder: -	

Section B (bottom) contains a table of custom fields:

Use in demo: Yes, use in demo	ESP #: -	Shipping strategy: Produced to order	usage: PROCESSING
ecology: OPEN FIELD	color: MEDIUM GREEN	technical_description: Mid Early variety, suitable for ...	usage_selling_points (USP): Commercial positioning: For ...
competition: -			





By clicking the pen button on the right, you can edit details (values) of that section.

## Price Guide:

This section supports the collection of high-level pricing information per variety.

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

SeedSoft

en

Pl

+

Choose a module

Varieties

Catalogues

Trials

Observations

Inventory

Organizations

Setup

TOMATO DETERMINATE - Canner - SSO0AB58

DESCRIPTION PRICE GUIDE GTM/LOCAL PRICING/PLC TRIALS AVAILABILITY - STOCK

+

Add new price guide

✎

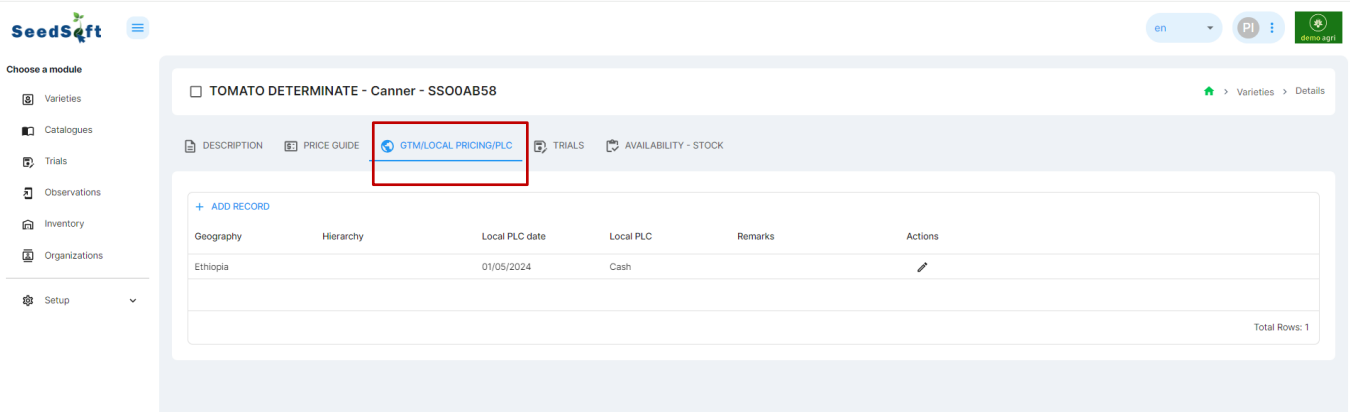
Edit price guide

Bulk non-treated kg 26/05/2024

Supplier	Incoterms	Currency	Amount	Reference currency	Margin
Supplier	Ex-works	CNY	254.00	USD	35.14
Additional cost			20.00		2.77
costs			274.00		37.91
Wholeseller	Ex-works	EUR	37.00		38.92
Distributor	Ex-works	EUR	40.00		42.07
Recommended farmgate		USD	55.00		55.00

## GTM/Local Pricing/PLC

This section is used to store and manage the 'geographical' PLC. This means that instead of having one PLC for the whole world you can indicate the life cycle much in more detail. For instance a product is already commercial globally, but still in Development in France.



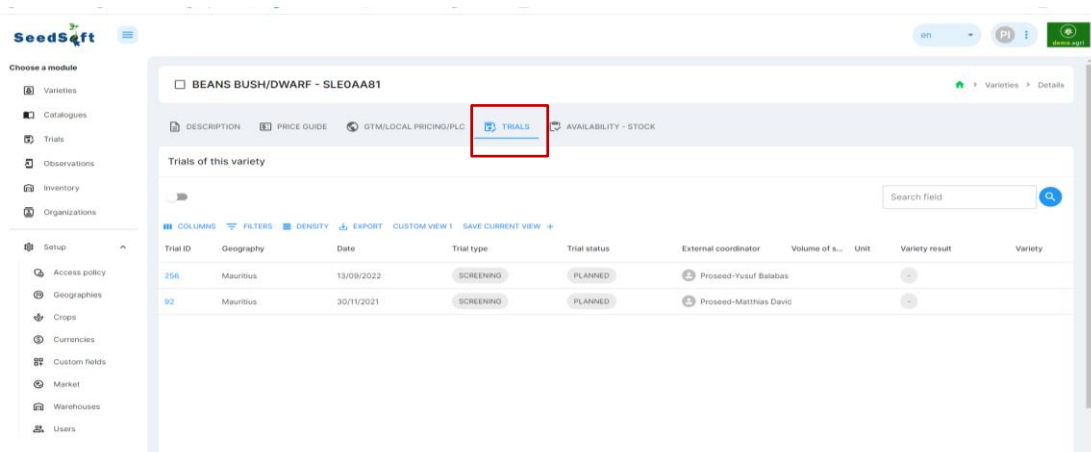
The screenshot shows the SeedSoft interface for the variety 'TOMATO DETERMINATE - Canner - SSO0AB58'. The 'GTM/LOCAL PRICING/PLC' tab is highlighted with a red box. Below the tab, there is a table with the following data:

Geography	Hierarchy	Local PLC date	Local PLC	Remarks	Actions
Ethiopia		01/05/2024	Cash		

Total Rows: 1

## Trial

In this section, you can view trials of that specific variety conducted in different geographies, along with all other trial properties (please refer to the [trial module section](#) for details).

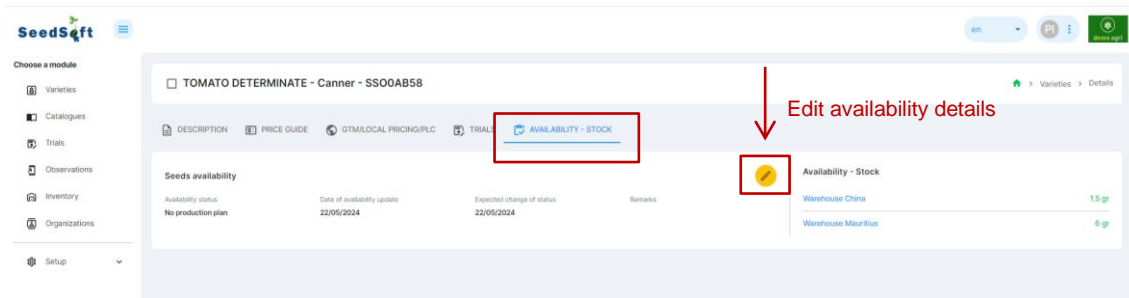


The screenshot shows the SeedSoft interface for the variety 'BEANS BUSH/DWARF - SLE0AA81'. The 'TRIALS' tab is highlighted with a red box. Below the tab, there is a table with the following data:

Trial ID	Geography	Date	Trial type	Trial status	External coordinator	Volume of s...	Unit	Variety result	Variety
258	Mauritius	13/08/2022	SCREENING	PLANNED	Proseed-Yusuf Balabas				
92	Mauritius	30/11/2021	SCREENING	PLANNED	Proseed-Matthias Davic				

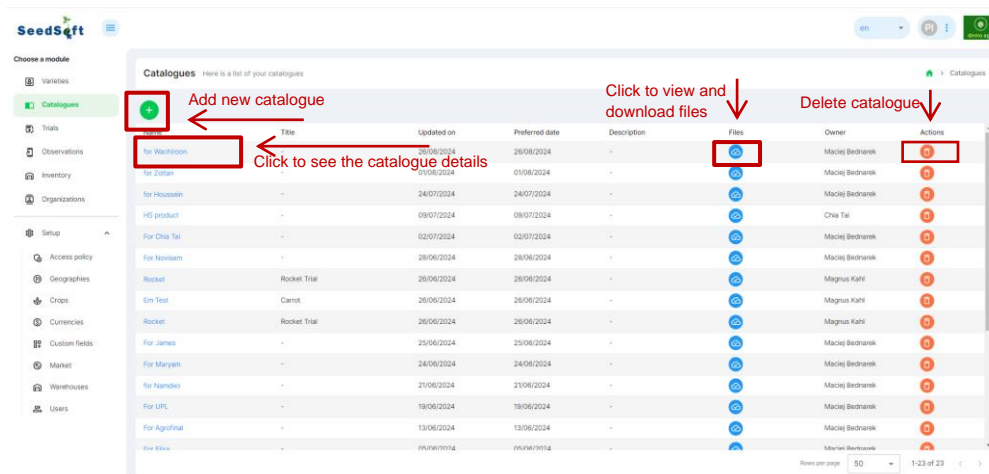
## Availability stock

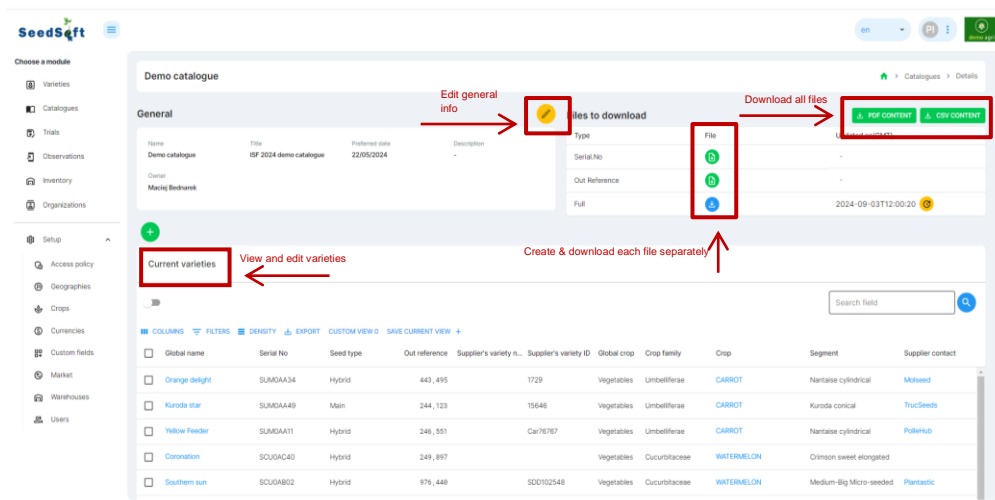
This section gives information on future availability of the sample seeds at breeder/supplier level as well as current sample seeds stock levels in various warehouses.



## Catalogue Module

In this section, create a catalogue of varieties (to present to potential clients or for other purposes). You'll also have the option to download the catalogue in various formats and manage files.





## Creation of a new catalogue:


To create a new catalogue, press the "add new catalogue" button. After entering basic information (such as catalogue name, title, date & description) submit the catalogue. You will then view a new page which you can edit info, add files to download and add varieties to the catalogue.

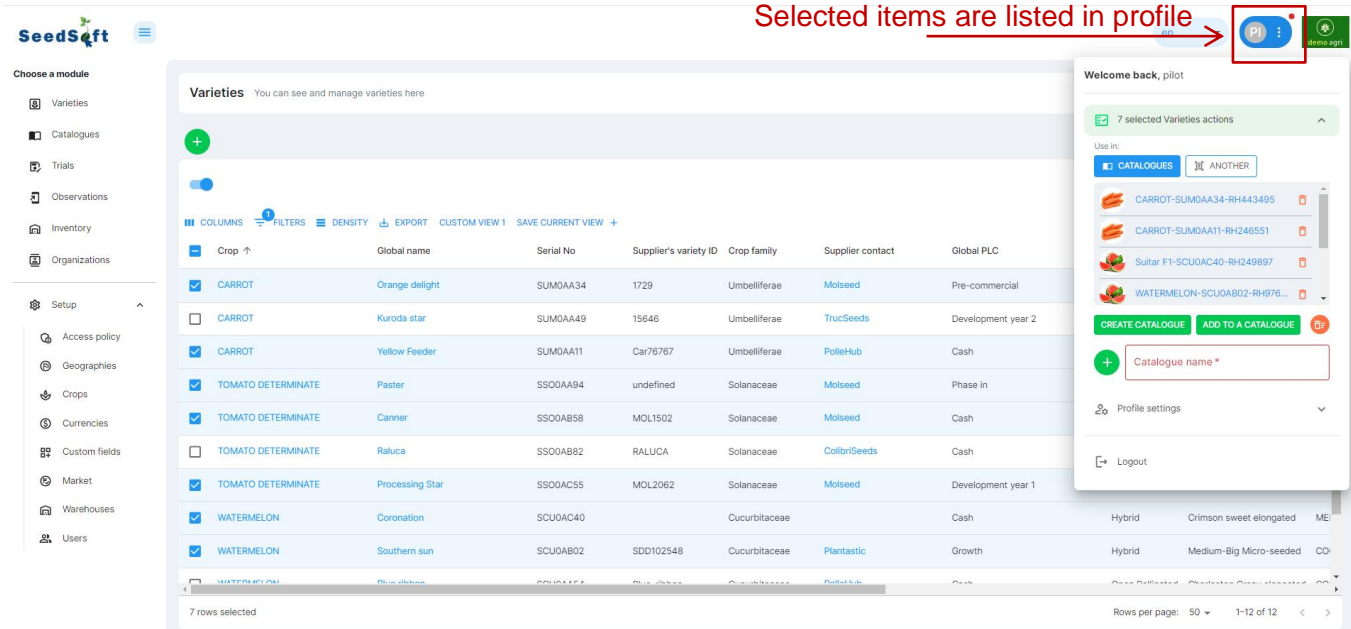
## Add varieties to a catalogue:

There are two methods for adding varieties to a catalogue:

1. Click on "add variety to this catalogue" button. When the variety table opens, you can select as many as varieties needed (if you don't see any varieties, you may need to switch off the visible PLC). By clicking on the "add button" the selected varieties will be added to the catalogue.
2. In the varieties table, you can select as many varieties as needed. Then, through the profile section in the top right

corner, you can view the selected varieties and add them to either an existing catalogue or a new catalogue.

Selected items are listed in profile 



**Choose a module**

- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Setup
  - Access policy
  - Geographies
  - Crops
  - Currencies
  - Custom fields
  - Market
  - Warehouses
  - Users

**Varieties** You can see and manage varieties here

7 rows selected

Crop	Global name	Serial No	Supplier's variety ID	Crop family	Supplier contact	Global PLC	
<input checked="" type="checkbox"/>	CARROT	Orange delight	SUM0AA34	1729	Umbelliferae	Moiseed	Pre-commercial
<input type="checkbox"/>	CARROT	Kuroda star	SUM0AA49	15646	Umbelliferae	TrucSeeds	Development year 2
<input checked="" type="checkbox"/>	CARROT	Yellow Feeder	SUM0AA11	Car76767	Umbelliferae	PolleHub	Cash
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Paster	SSO0AA94	undefined	Solanaceae	Moiseed	Phase in
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Canner	SSO0AB58	MOL1502	Solanaceae	Moiseed	Cash
<input type="checkbox"/>	TOMATO DETERMINATE	Raluca	SSO0AB82	RALUCA	Solanaceae	ColibriSeeds	Cash
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Processing Star	SSO0AC55	MOL2062	Solanaceae	Moiseed	Development year 1
<input checked="" type="checkbox"/>	WATERMELON	Coronation	SCU0AC40		Cucurbitaceae		Cash
<input checked="" type="checkbox"/>	WATERMELON	Southern sun	SCU0AB02	SDD102548	Cucurbitaceae	Plantastic	Growth

7 rows selected

Rows per page: 50 1-12 of 12

Welcome back, pilot

7 selected Varieties actions

Use in:

CATALOGUES ANOTHER

- CARROT-SUM0AA34-RH443495
- CARROT-SUM0AA11-RH246551
- Suitar F1-SCU0AC40-RH249897
- WATERMELON-SCU0AB02-RH976...

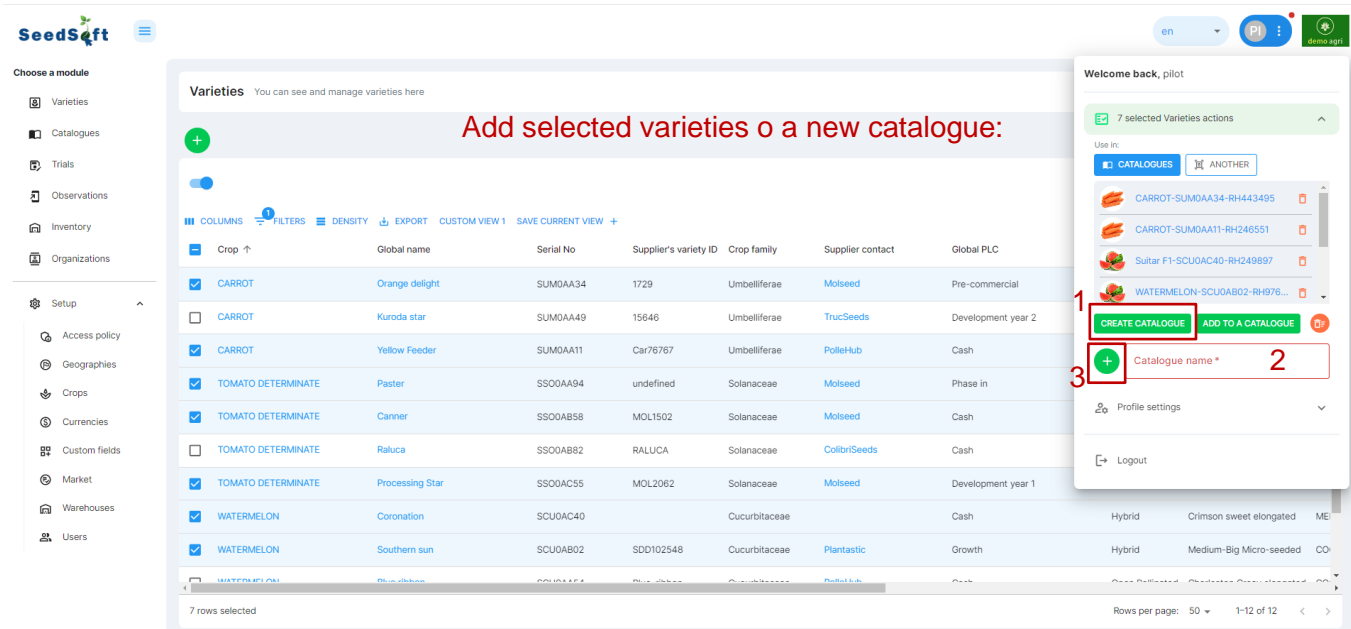
CREATE CATALOGUE ADD TO A CATALOGUE

Catalogue name \*

Profile settings

Logout

Add selected varieties to a new catalogue:



**Choose a module**

- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Setup
  - Access policy
  - Geographies
  - Crops
  - Currencies
  - Custom fields
  - Market
  - Warehouses
  - Users

**Varieties** You can see and manage varieties here

7 rows selected

Crop	Global name	Serial No	Supplier's variety ID	Crop family	Supplier contact	Global PLC	
<input checked="" type="checkbox"/>	CARROT	Orange delight	SUM0AA34	1729	Umbelliferae	Moiseed	Pre-commercial
<input type="checkbox"/>	CARROT	Kuroda star	SUM0AA49	15646	Umbelliferae	TrucSeeds	Development year 2
<input checked="" type="checkbox"/>	CARROT	Yellow Feeder	SUM0AA11	Car76767	Umbelliferae	PolleHub	Cash
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Paster	SSO0AA94	undefined	Solanaceae	Moiseed	Phase in
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Canner	SSO0AB58	MOL1502	Solanaceae	Moiseed	Cash
<input type="checkbox"/>	TOMATO DETERMINATE	Raluca	SSO0AB82	RALUCA	Solanaceae	ColibriSeeds	Cash
<input checked="" type="checkbox"/>	TOMATO DETERMINATE	Processing Star	SSO0AC55	MOL2062	Solanaceae	Moiseed	Development year 1
<input checked="" type="checkbox"/>	WATERMELON	Coronation	SCU0AC40		Cucurbitaceae		Cash
<input checked="" type="checkbox"/>	WATERMELON	Southern sun	SCU0AB02	SDD102548	Cucurbitaceae	Plantastic	Growth

7 rows selected

Rows per page: 50 1-12 of 12

Welcome back, pilot

7 selected Varieties actions

Use in:

CATALOGUES ANOTHER

- CARROT-SUM0AA34-RH443495
- CARROT-SUM0AA11-RH246551
- Suitar F1-SCU0AC40-RH249897
- WATERMELON-SCU0AB02-RH976...

CREATE CATALOGUE ADD TO A CATALOGUE

Catalogue name \*

Profile settings

Logout

The screenshot displays the 'Varieties' management interface in SeedSoft. A table lists various crop varieties with their respective details. A red text overlay indicates the action of adding selected varieties to an existing catalogue. A dropdown menu is open, showing options for creating a new catalogue or adding to an existing one, with red boxes and numbers 1, 2, and 3 highlighting specific elements.

Global name	Serial No	Seed type	Supplier's variety ID	Crop family	Crop	Segment	Supplier contact
SLEDAAB1	SLEDAAB1	Open Pollinated	Barbaros	Leguminosae	BEANS BUSHDUWARF	French - green podded - stri	Vegetate
Orange delight	SUM0AA34	Hybrid	1729	Umbelliferae	CARROT	Nantaise cylindrical	Molseed
Kuroda star	SUM0AA49	Main	15646	Umbelliferae	CARROT	Kuroda conical	TrucSeeds
Yellow Feeder	SUM0AA11	Hybrid	Car76767	Umbelliferae	CARROT	Nantaise cylindrical	PolleHub
Paster	SS00A94	Hybrid	undefined	Solanaceae	TOMATO DETERMINATE	Dual Purpose	Molseed
Canner	SS00A58	Hybrid	MOL1502	Solanaceae	TOMATO DETERMINATE	Dual Purpose	Molseed
Raluca	SS00A82	Open Pollinated	RALUCA	Solanaceae	TOMATO DETERMINATE	Red round on ground >150g	ColibriSeeds
Processing Star	SS00A55	Hybrid	MOL2062	Solanaceae	TOMATO DETERMINATE	Dual Purpose, Pink	Molseed
Coronation	SCU0AC40	Hybrid		Cucurbitaceae	WATERMELON	Crimson sweet elongated	

## Trials 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.

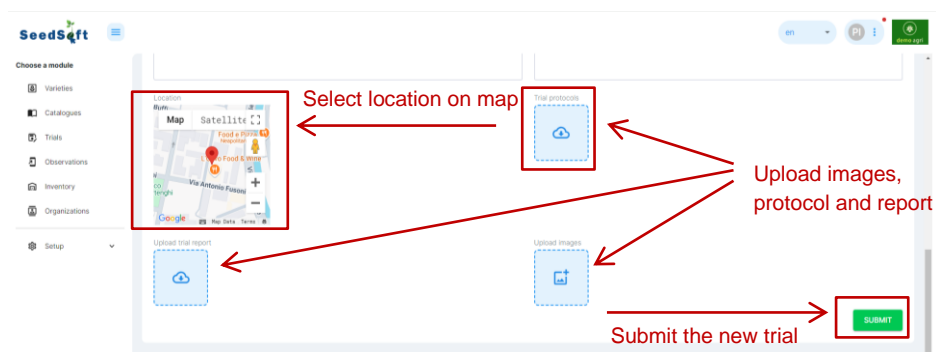
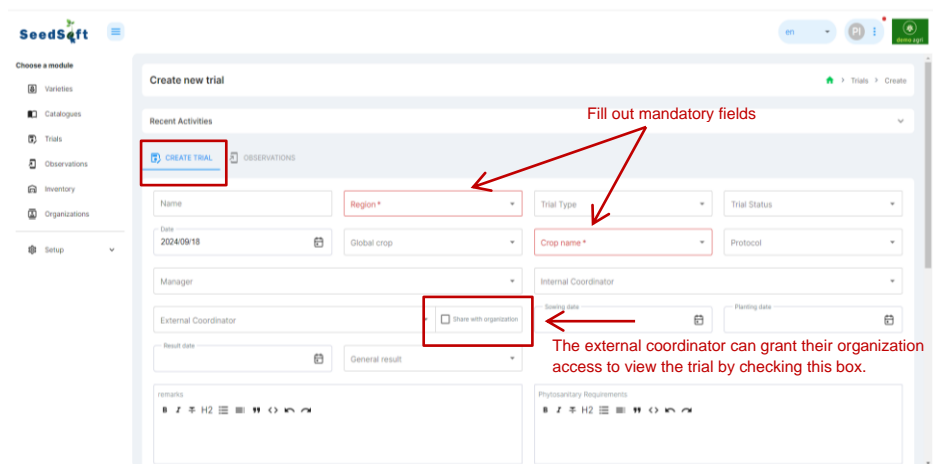
Additionally – as for any other module in the system, a SeedSoft client can choose to add custom fields to the trials.

Trial ID	Crop	Geography	Trial type	Trial status	External coordinator	General result
> 498 (8)	WATERMELON	Egypt	PRE-COMMERCIAL	ONGOING	CropCircle-Mohamed Kairo	POSITIVE
> 518 (2)	WATERMELON	Angola	PRE-COMMERCIAL	ONGOING	-	-
> 517 (1)	WATERMELON	Bangladesh	DEVELOPMENT	PLANNED	Proseed-Abu Lono	NON-CONCLUSIVE
> 516 (1)	TOMATO DETERMINATE	Turkey	SCREENING	PLANNED	AgroGenesis-Richard Nolte	NON-CONCLUSIVE
> 510 (1)	ONION	Australia	PRE-COMMERCIAL	PLANNED	Ancientroots-Vasilena Filipova	-
> 515 (1)	WATERMELON	Turkey	SCREENING	PLANNED	AgroGenesis-Richard Nolte	-
> 509 (1)	Asperge	Algeria	PRE-COMMERCIAL	ONGOING	-	-
> 514 (1)	WATERMELON	United Kingdom	SCREENING	PLANNED	-	-

## Creation of a new trial:

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

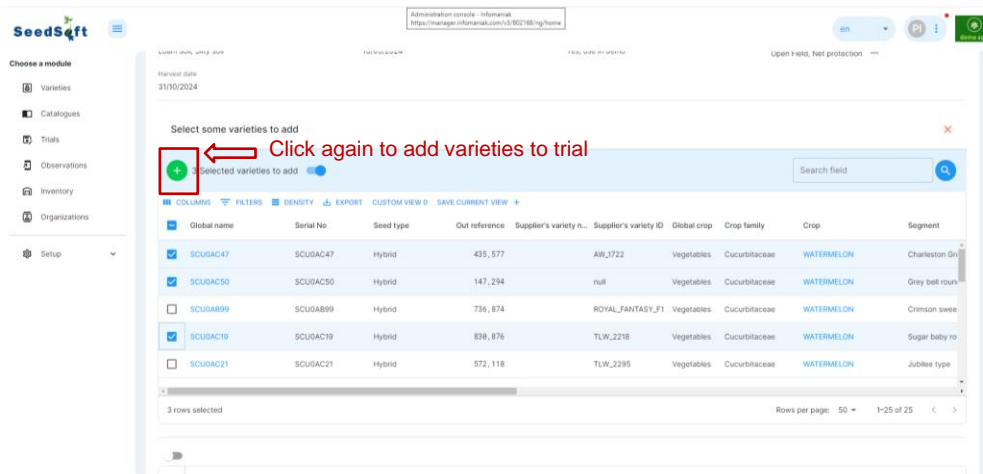
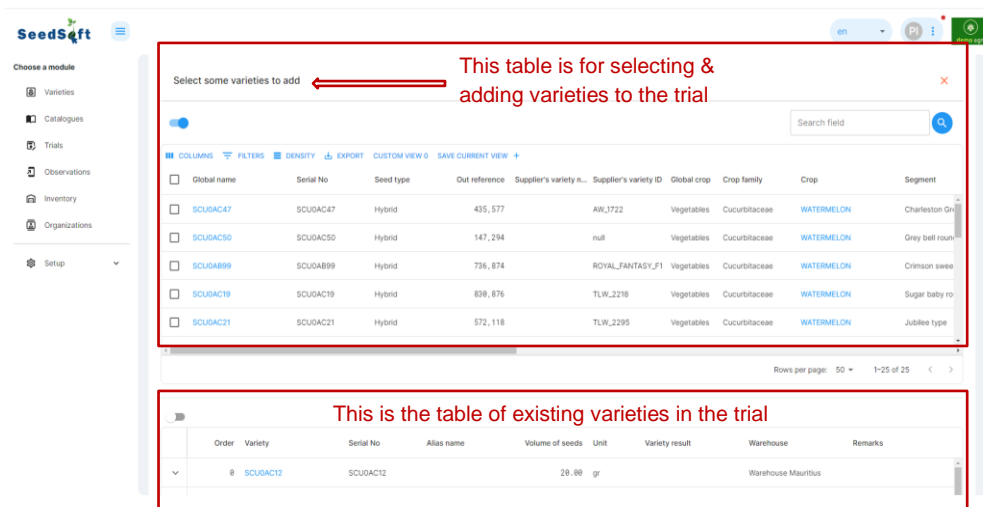
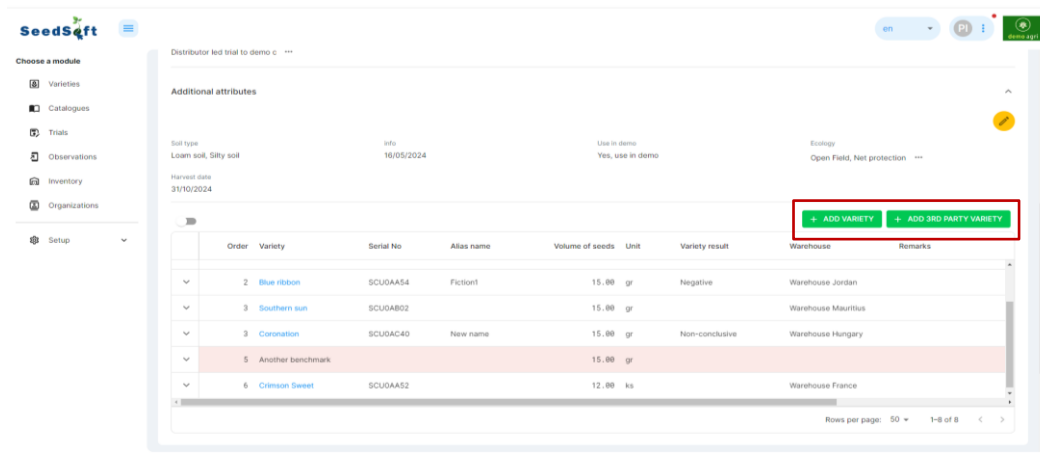
- On this page, you should submit the basic details of a trial such as region, crop name, trial type, dates, protocol, trial status, responsible people, sowing & planting info, remarks, requirements, etc.
- Once the protocol is selected for a trial, **it cannot be changed**.
- Afterward, the user can specify the **location on a map**, upload the trial protocol, trial report, and trial images.



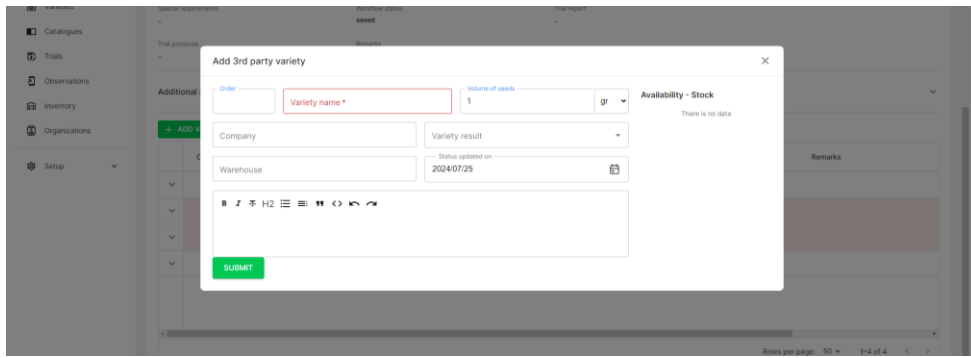
- In the next page you can specify **varieties or third-party varieties**.

By clicking on “Add Variety” you can mark 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, you should fill out the form below. Include details such as the volume of seeds, order, variety name, variety result, warehouse, etc.

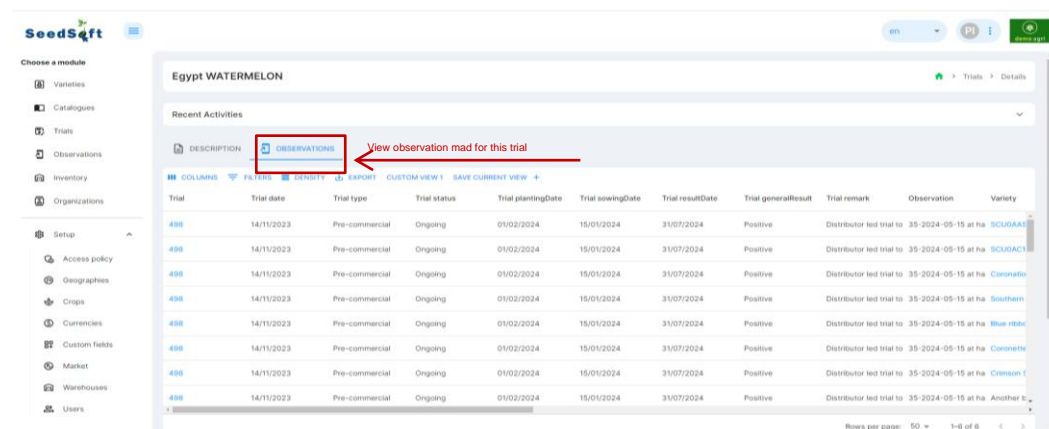
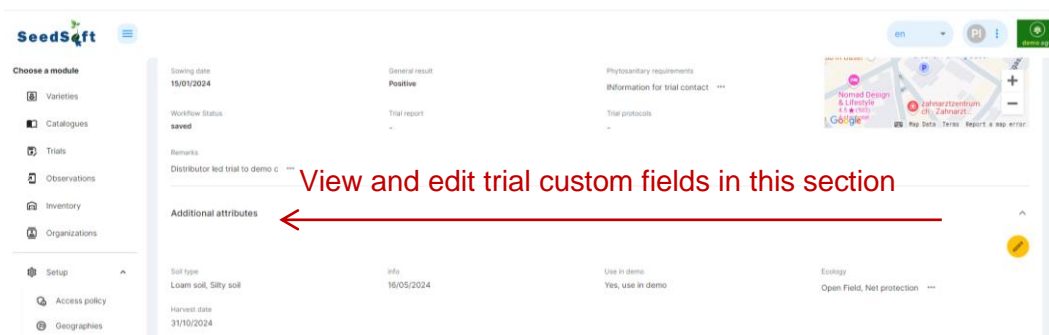
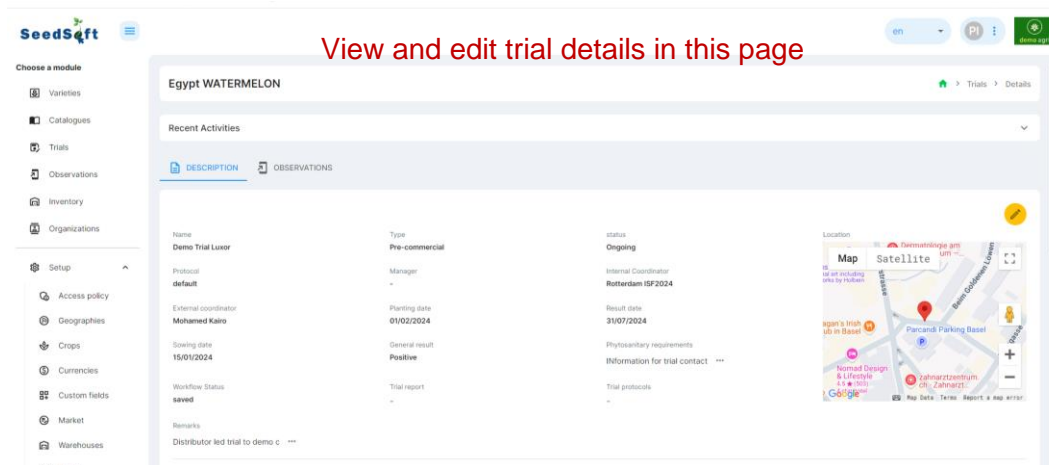


After submitting varieties, you can edit and manage them in the table. Double click on each field to change or add a warehouse, volume of seed, variety result, etc.

Alias name	Volume of seeds	Unit	Variety result	Warehouse	Remarks	Status updated on	Actions
	28.00	gr		Warehouse Mauritius		22/08/2024	[Edit] [Archive]
Plot 1	28.00	gr		Warehouse China		25/08/2024	[Edit] [Archive]
	28.00	ks		Warehouse Switz...		16/05/2024	[Edit] [Archive]
Fiction1	15.00	gr	Negative	MCAF Mauritius warehouse		16/05/2024	[Edit] [Archive]
	15.00	gr		New warehouse		16/05/2024	[Edit] [Archive]
				Test warehouse			[Edit] [Archive]
				Warehouse China			[Edit] [Archive]
				Warehouse Egypt			[Edit] [Archive]
				Warehouse France			[Edit] [Archive]
				Warehouse Hungary			[Edit] [Archive]
				Warehouse Jordan			[Edit] [Archive]
				Warehouse Mauritius			[Edit] [Archive]
				Warehouse Switzerland			[Edit] [Archive]

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

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



## Observations 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.

SeedSoft

en | PL | Home app

Choose a module

Varieties

Catalogues

Trials

Observations

Inventory

Organizations

Setup

Access policy

Geographies

Crops

Currencies

Custom fields

Market

Warehouses

Users

Observations You can see and manage Observations here.

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

Global crop: Vegetables

Crop: BEANS BUSH/DWARF

Out reference	Global PLC	Global PLC date	Germination Rate	Field Keeping Quali...	Yield (kg/m2)	Comment	Plant vigour	Pod size (cm)
3bednarek.ch Marconi white seeder 695107	Cash	01/01/2021	< 90%	-	-	0% germination	-	-
3bednarek.ch SLE0AA04 443951	Cash	01/01/2021	-	-	-	-	Strong	-
3bednarek.ch SLE0AA81 337247	Screening	21/05/2023	-	-	-	-	-	-
3bednarek.ch SLE0AA82 821524	Pre-commercial	22/05/2023	-	-	-	-	-	-
3bednarek.ch SLE0AA11 335883	Cash	01/01/2021	-	-	-	-	Strong	-
3bednarek.ch Marconi white seeder 695107	Cash	01/01/2021	-	-	-	-	Strong	-
3bednarek.ch SLE0AA04 443951	Cash	01/01/2021	-	-	-	-	-	-
3bednarek.ch SLE0AA81 337247	Screening	21/05/2023	-	-	-	-	-	-
3bednarek.ch SLE0AA82 821524	Pre-commercial	22/05/2023	-	-	-	-	-	-

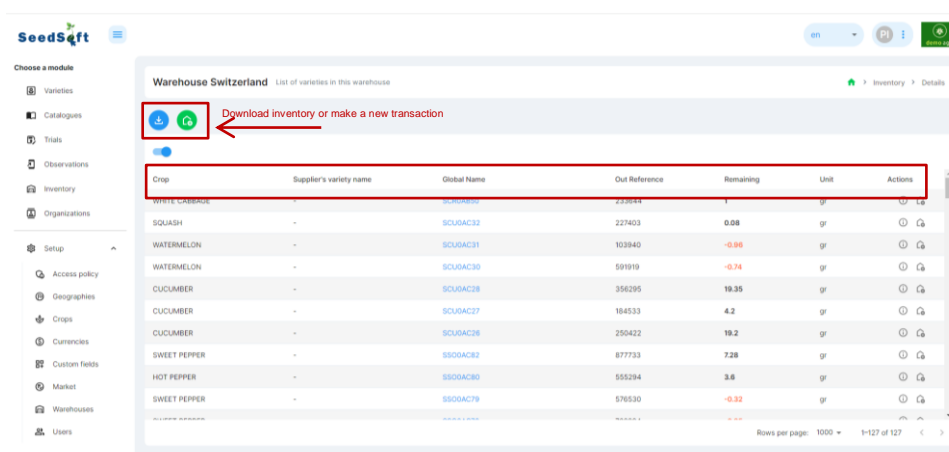
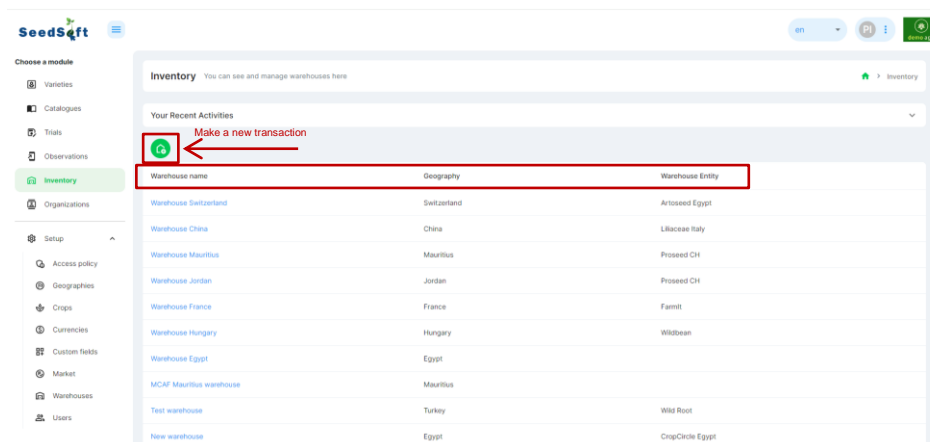
Rows per page: 50 1-15 of 15

## 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.

## Organization Module

In this section, you can view a list of organizations, their type/role (supplier, customer, warehouse, etc.), location, varieties, and trials. By clicking on "create new organization," you can fill out the form, including the name, organization type, and region, to add the new organization involved in the trial.

Organizations

Name	Geography	Hierarchy	Organization type	Note	Variables trials
Abdelmadjid	Morocco		Trial partner / farm	null	[E] [T]
Agriniss	Turkey		Supplier	null	[E] [T]
AgriGeness	South Africa		Customer	3	[E] [T]
AlSeed	South Africa		Customer/Supplier	5	[E] [T]
Academich	Hungary		Supplier	null	[E] [T]
Atale	Mauritius		Customer	null	[E] [T]
BlawetSeed	Gambia		Customer/Supplier	U	[E] [T]
ArcheSeed	France		Supplier	null	[E] [T]

Create new organization

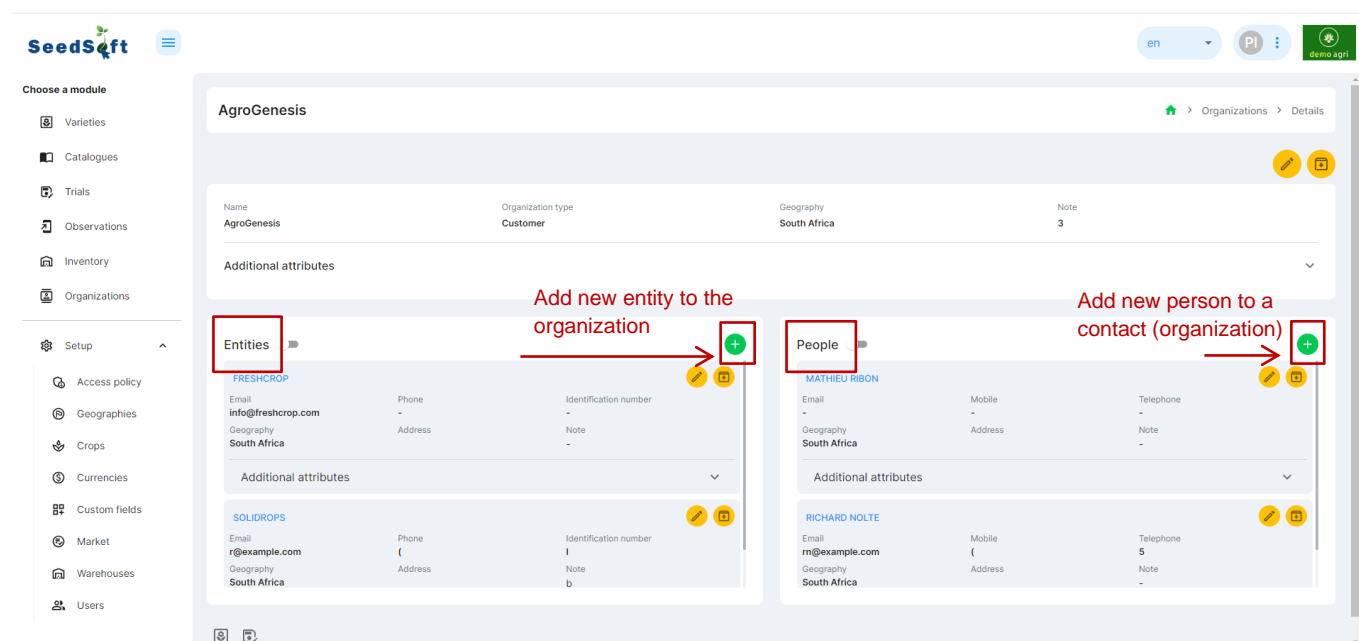
Name\* Organization type\* Region\*

Note

Submit

An organization is a **contact** in the system that may include entities in different geographies, along with individuals (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 bottom of the organization page:

View varieties of the organization here

- Choose a module
- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Setup
  - Access policy
  - Geographies
  - Crops
  - Currencies
  - Custom fields
  - Market
  - Warehouses
  - Users

Agrobaas's Varieties

Search field

COLUMNS FILTERS DENSITY EXPORT CUSTOM VIEW 0 SAVE CURRENT VIEW +

Global name	Serial No	Seed type	Out reference	Supplier's variety n...	Supplier's variety ID	Global crop	Crop family	Crop	Segment
SSO0AC72	SSO0AC72	Hybrid	814,496		GRW103	Vegetables	Solanaceae	TOMATO DETERMINATE	Red square <100g
SSO0AC73	SSO0AC73	Hybrid	246,976		GRW104	Vegetables	Solanaceae	TOMATO DETERMINATE	Red round on ground
SSO0AC75	SSO0AC75	Hybrid	211,383		GRW770	Vegetables	Solanaceae	TOMATO INDETERMINATE	Beefsteak (Big Beef)
SSO0AC76	SSO0AC76	Hybrid	185,991		GRW771	Vegetables	Solanaceae	TOMATO INDETERMINATE	Beefsteak (Big Beef)
SSO0AC80	SSO0AC80	Hybrid	555,294		GRW015	Vegetables	Solanaceae	HOT PEPPER	Jalapeño Pepper (Cap
SSO0AC81	SSO0AC81	Hybrid	939,332		GRW028	Vegetables	Solanaceae	HOT PEPPER	Sheep horn
SCU0AC26	SCU0AC26	Hybrid	258,422		GRW776	Vegetables	Cucurbitaceae	CUCUMBER	Beith Alpha (PGH) - S
SCU0AC27	SCU0AC27	Hybrid	184,533		GRW757	Vegetables	Cucurbitaceae	CUCUMBER	Beith Alpha (PGH) - W

Rows per page: 50 1-18 of 18

View trials of the organizations here

- Choose a module
- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Setup
  - Access policy
  - Geographies
  - Crops
  - Currencies
  - Custom fields
  - Market
  - Warehouses
  - Users

Agrobaas's Trials

Search field

COLUMNS FILTERS DENSITY EXPORT CUSTOM VIEW 1 SAVE CURRENT VIEW +

Trial ID	Name	Global crop IDENTICAL	Crop family IDENTICAL	Crop IDENTICAL	Geography IDENTICAL	Hierarchy	Date	Trial type IDENTICAL	Trial status IDENTICAL
> 498 (1)		Vegetables	Cucurbitaceae	WATERMELON	Egypt			PRE-COMMERCIAL	ONGOING
> 365 (1)		Vegetables	Solanaceae	TOMATO INDETERMINATE	Jordan			SCREENING	PLANNED
> 501 (1)		Vegetables	Cucurbitaceae	WATERMELON	Algeria			SCREENING	PLANNED
> 403 (1)		Vegetables	Cruciferae	WHITE CABBAGE	Mozambique			PRE-COMMERCIAL	PLANNED
> 495 (1)		Vegetables	Solanaceae	TOMATO DETERMINATE	Ivory Coast			DEVELOPMENT	PLANTED
> 491 (1)		Vegetables	Liliaceae	Asperge	Burkina Faso			SCREENING	PLANNED
> 489 (1)		Vegetables	Leguminosae	BROAD BEANS	Mauritius			OTHER	PLANNED
> 481 (1)		Vegetables	Cucurbitaceae	WATERMELON	Mauritius			SCREENING	PLANNED

Rows per page: 50 1-20 of 20



## 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.

0: Cannot be archived!, some entities or people in the Organization subset are not archived. You should start by archiving the people first

Choose a module

- Varieties
- Catalogues
- Trials
- Observations
- Inventory
- Organizations
- Setup

AgroGenesis

en | PI | demo agri

Name	Organization type	Geography	Note
AgroGenesis	Customer	South Africa	3

Additional attributes

Entities

**FRESHCROP**

Field	Value
Email	info@freshcrop.com
Phone	-
Identification number	-
Address	-
Note	-
Geography	South Africa

Additional attributes

**SOLIDROPS**

Field	Value
Email	r@example.com
Phone	(
Identification number	l
Address	-
Note	b
Geography	South Africa

People

**MATHIEU RIBON**

Field	Value
Email	-
Mobile	-
Telephone	-
Address	-
Note	-
Geography	South Africa

Additional attributes

**RICHARD NOLTE**

Field	Value
Email	rn@example.com
Mobile	(
Telephone	5
Address	-
Note	-
Geography	South Africa

## B

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

## C

**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.

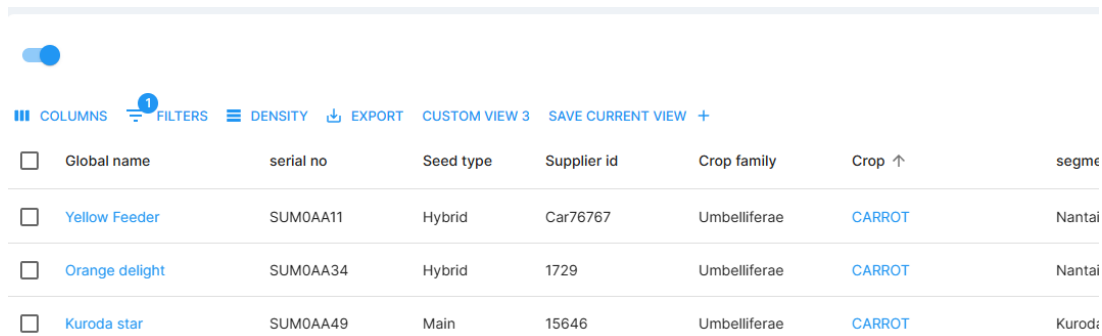
**[Data Grid] Columns:** Through this section you can control and manage columns.

**[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.

## F

**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.

## 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***

**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.