

Field Mappings

In order to understand each other - both sides - Clarifruit to understand the customer's details, and also the customer to understand Clarifruit details - we map all relevant parameters.

Use Cases:

Barcode Scanning:

For this use case, mapping is mandatory - for all relevant parameters you would like to handle. This is a prerequisite step.

In the barcode integration, the user will scan a barcode and the system will trigger a request to the customer's endpoint. The endpoint will respond back with a JSON - with all the relevant information. (Fruit, Variety, properties, etc..).

In this JSON - there will be keys & values of the customer - which represent the information we would like the Clarifruit app to choose automatically.

In order to understand each parameter, we need to map it - so the customer ID and Clarifruit ID will match.

Export:

For this use case mapping is not mandatory, this is optional, but - it would be much easier for you to understand the JSON - with your IDs, and not only with Clarifruit internal IDs.

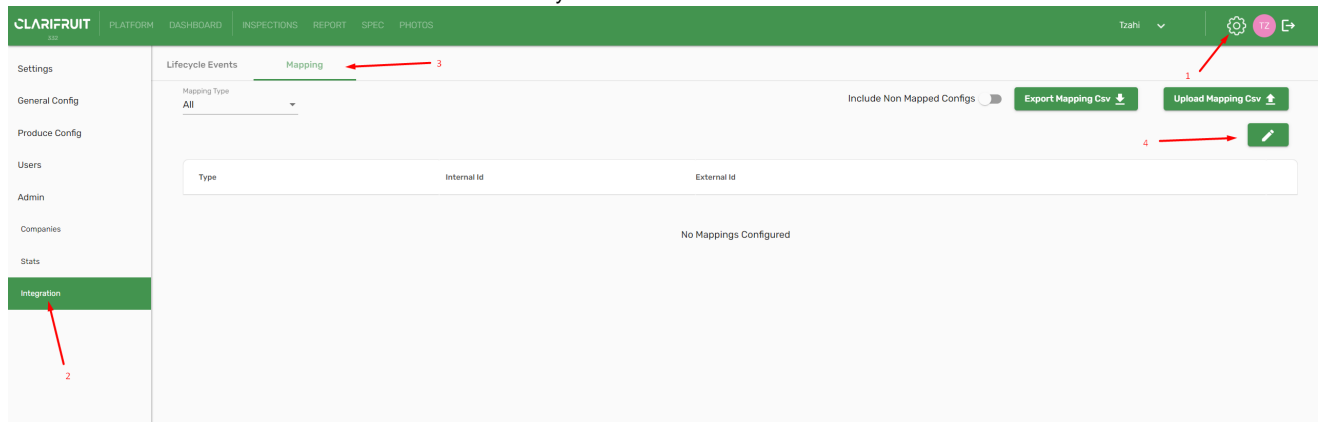
Here - all the parameters you will map will be used and the JSON the system will send to your endpoint will include your external IDs (external to Clarifruit) - and this will be easier for you to recognize the JSON information.

Import:

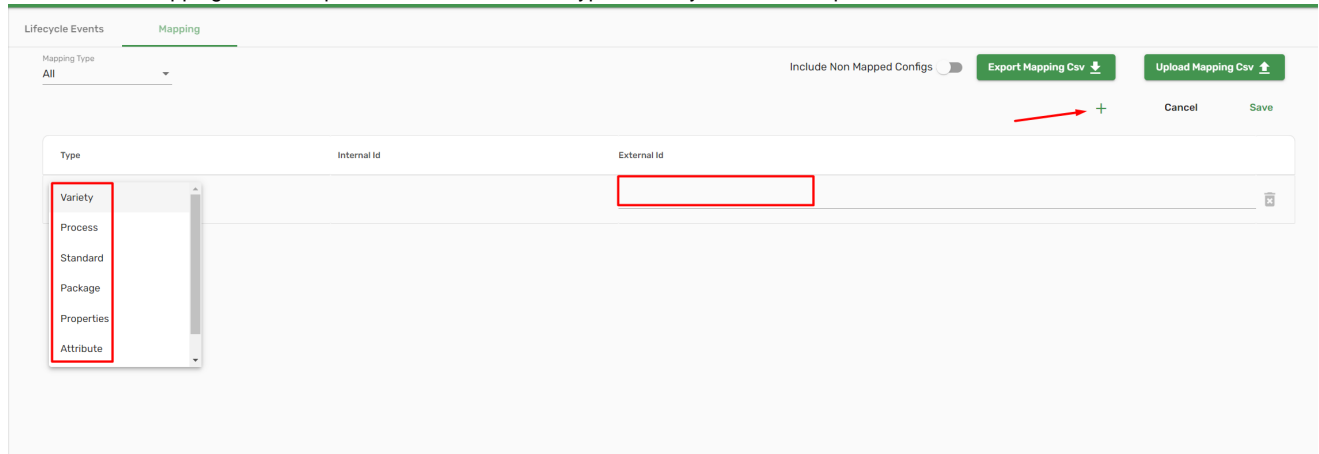
For this use case mapping is mandatory, for all relevant parameters you would like to handle. This is a prerequisite step. The system will expect external IDs for each parameter.

Here are the actual technical steps:

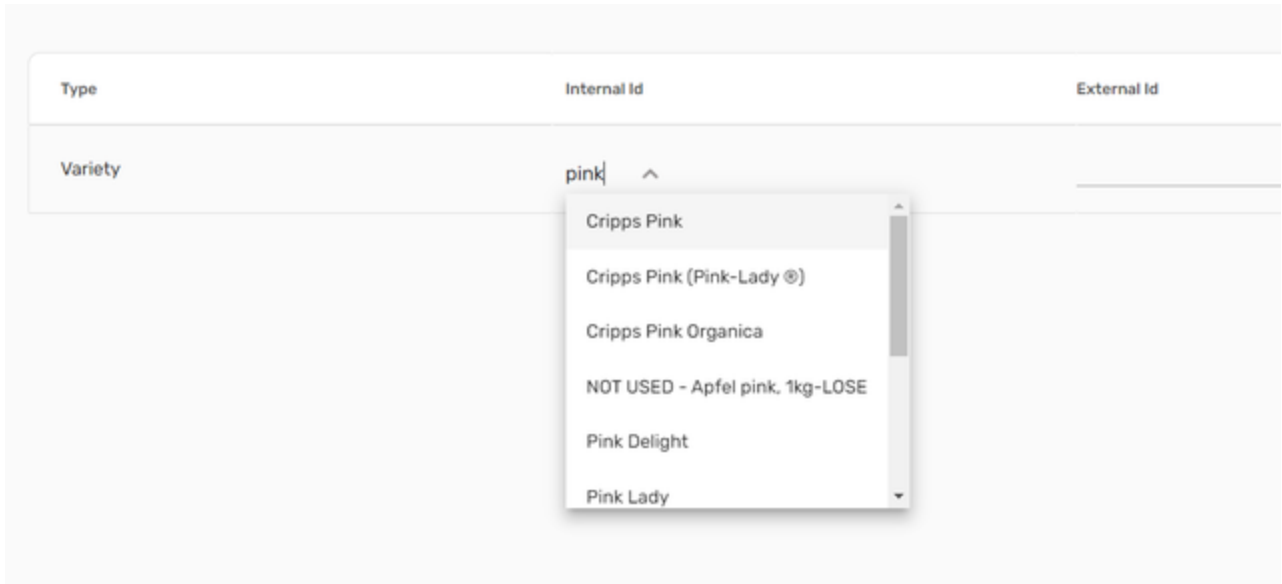
- Go to Admin Integration Mappings
- Click on the edit icon - and fill the External ID column with your values.



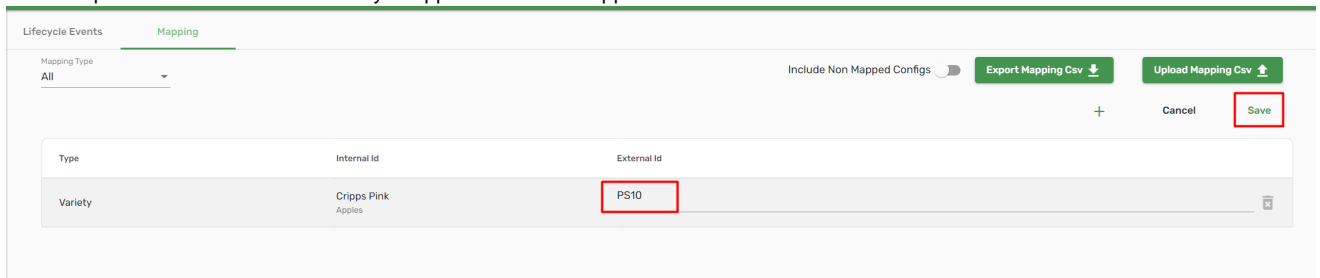
- To add a new mapping - click the plus icon, and choose the type of data you want to map.



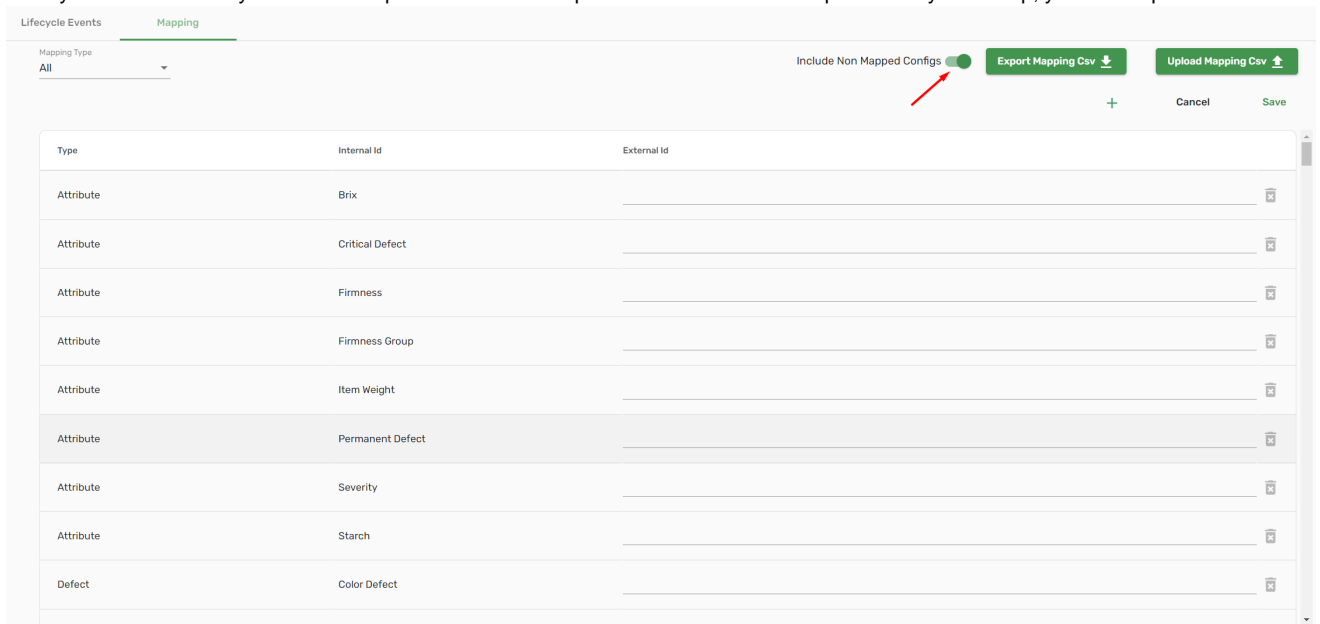
- Now search & choose the internal Clarifruit parameter you would like to map



- Now fill the External ID column with your value. External ID means external to Clarifruit - which is the ID of your equivalent parameter in your ERP system.
- For example here - we chose the variety “Cripps Pink” to be mapped with external ID “PS10”.



- Once you are done with all mappings you need to save the page - please do not forget to hit the save button.
- A useful way to see all relevant pieces of information which relevant for mappings, is to choose the toggle “Include Non Mapped Configs”. This will show you all parameters that are related to your specific configurations and will suggest you map them. This way you will know exactly what information you need to map. In case there are parameters that are not important for you to map, you can skip them.



- Another way to fill all relevant mappings is using the export & import CSV files.

Export Mappings - This is actually useful - even just for a backup.

Dont hesitate - in case you are working on mappings - please download an export CSV file once you are done, or after a long session of mappings - just in case you accidentally delete it - you will have a backup and you could use it later on and import in case something happened with your mappings.

Just click on the export icon, and it will download a CSV copy of your mappings.

The screenshot shows the 'Mapping' section of the 'Lifecycle Events' interface. At the top, there is a 'Mapping Type' dropdown set to 'All'. To the right, there is a toggle for 'Include Non Mapped Configs' which is currently turned off. Next to it is a green button labeled 'Export Mapping Csv' with a download icon, which is highlighted by a red arrow. To the right of that is another green button labeled 'Upload Mapping Csv' with an upload icon. Below these controls is a table with three columns: 'Type', 'Internal Id', and 'External Id'. The table contains three rows of data:

Type	Internal Id	External Id
Attribute	Brix	sugar
Variety	Cripps Pink Apples	PS10
Properties	Grower (test)	grower

	A	B	C	D
1	Name	internalId	externalId	type
2	Brix	1	sugar	attribute
3	Cripps Pink - Apples	1195	PS10	variety
4	Grower (test)	W63Ok	grower	properties

If you want you can choose turn on the toggle "Include Non Mapped Configs" and then export the mappings - this way, you will be able to work on the csv file - and fill the external IDs on the csv, and import it all once you are done.

The screenshot shows the 'Mapping' section with the 'Include Non Mapped Configs' toggle turned on. A red arrow labeled '1' points to the toggle, and another red arrow labeled '2' points to the 'Export Mapping Csv' button. The table below shows a much larger set of mappings, including many attributes and defects that were not in the previous screenshot:

Type	Internal Id	External Id
Attribute	Brix	sugar
Attribute	Critical Defect	
Attribute	Firmness	
Attribute	Firmness Group	
Attribute	Item Weight	
Attribute	Permanent Defect	
Attribute	Severity	
Attribute	Starch	
Defect	Color Defect	
Defect	Decay/Rot	
Defect	Major Permanent	
Defect	Major Progressive	
Defect	Medium Permanent	

	A	B	C	D	E	F
1	Name	internalId	externalId	type		
2	Brix	1	sugar	attribute		
3	Critical De	62		attribute		
4	Firmness	5		attribute		
5	Firmness G	37		attribute		

6	Item Weig	28	attribute	
7	Permanent	21	attribute	
8	Severity	66	attribute	
9	Starch	19	attribute	
10	Color Defe	14	defect	
11	Decay/Rot	496	defect	
12	Major Perr	397	defect	
13	Major Prog	394	defect	
14	Medium Pe	396	defect	
15	Medium Pi	393	defect	
16	Minor Perr	395	defect	
17	Minor perr	493	defect	
18	Minor Prog	392	defect	
19	Other	97	defect	
20	Skin Defec	62	defect	
21	Apples	212	variety	
22	Apricots	270	variety	
23	Asparagus	498	variety	
24	Avocados	9	variety	
25	Bananas	361	variety	
26	Beans	492	variety	
27	Beef - Ton	237	variety	
28	Blackberrie	500	variety	
29	Blueberrie	226	variety	
30	Carrots	479	variety	
31	Cherries	68	variety	
32	Clementin	236	variety	
33	Cluster - B	362	variety	
34	COFY - Pot	406	variety	

Import Mappings:

Complete all relevant mappings from the CSV file you've export before - external id Column:

	A	B	C	D
1	Name	internalId	externalId	type
2	Grower (test)	W63Ok	grower	properties
3	Cripps Pink - Apples	1195	PS10	variety
4	Brix	1	sugar	attribute
5	Firmness	5	firm	attribute
6	Color Defect	14	colorDefect	defect
7	Decay/Rot	496	DK	defect

8	Skin Defect	62	skinDefect	defect
9	Apples	212	appl	variety
10	Apricots	270	apri	variety
11	Beef - Tomatoes	237	beef	variety
12				

Click on the upload button:

Lifecycle Events Mapping

Mapping Type: All

Include Non Mapped Configs

[Export Mapping Csv](#) [Upload Mapping Csv](#)


Type	Internal Id	External Id
Attribute	Brix	sugar
Variety	Cripps Pink Apples	PS10
Properties	Grower (test)	grower

Upload Csv

File should have 'type', 'internalId' and 'externalId' columns for the parsing to work

Content will override existing mappings

[Download Example](#)

 **Upload File**

[Cancel](#) [Next](#)

Choose a file & click Next:

Upload Csv

File should have 'type', 'internalId' and 'externalId' columns for the parsing to work

Content will override existing mappings

[Download Example](#)

mapping (4).csv

[Cancel](#)

Next

Verify the system recognized everything from the CSV, and save it.

Upload Csv

Parsed Rows:

Internal Id: W630k	External Id: grower
Internal Id: 1195	External Id: PS10
Internal Id: 1	External Id: sugar
Internal Id: 5	External Id: firm
Internal Id: 14	External Id: colorDefect
Internal Id: 496	External Id: DK
Internal Id: 62	External Id: skinDefect
Internal Id: 212	External Id: appl
Internal Id: 270	External Id: apri
Internal Id: 237	External Id: beef

[Cancel](#)

Save Parsed Items

Make sure you can see the mappings in the list - so you know they were successfully uploaded.

Lifecycle Events

Mapping

Mapping Type

All

Type	Internal Id	External Id
Properties	Grower (test)	grower
Variety	Cripps Pink Apples	PS10
Attribute	Brix	sugar
Attribute	Firmness	firm
Defect	Color Defect	colorDefect
Defect	Decay/Rot	DK
Defect	Skin Defect	skinDefect
Variety	Apples	appl
Variety	Apricots	apri
Variety	Beef Tomatoes	beef

Very important!

The upload will override ALL existing mappings with the CSV values.

Meaning - if you have mappings in the system, and they do not exist in the CSV file you are about to upload, these mappings will be DELETED.

Please make sure - before you import a CSV - please first download an updated copy of the mappings, include all mappings in your CSV, and do the relevant changes on the full mappings CSV.

That's it 😊