

Client Resource

# Weight Events



## Introduction

The purpose of this tip sheet is to walk you through the steps of adding weight events to bioTrack Plus individually or by bulk import. Typically, weights are captured on a scale head and imported into the system, but you can also record the weights directly.

## WEIGHT EVENTS 1

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## Steps to Add an Individual Weight Event

- Sign into your bioTrack+ Account.
- Before you can add a weight, you must first create a Weigh Group for the event. This is used by genetic evaluation systems to define contemporaries (i.e., animals born at the same time and managed similarly) when ranking animals. Follow the steps in the [Creating Groups and Adding Animals](#) tip sheet if you need a reminder on how to do this.
- Using the left navigation menu, navigate to the **'Weight Events'** tab, which lists all existing weight events in the system.
- In the top navigation ribbon, select **'+New'** to create a weight event for a single animal.
- This will bring up a form to fill in the details of the event. The following fields are mandatory: Animal, Weight Date, Weight Type, Weight, Weight Unit, Weigh Group.
- When you have entered all the data, click **'Save'** to save the record but remain on the screen, or **'Save & Close'** to save the record and return to the list of Weight Events in the account.
- Once one record has been **'Saved'** you can click the **'+New'** button to create the next.

The screenshot shows the bioTrack Plus interface. On the left is a sidebar with 'Events' listed: Breeding Events, Death Events, Health Events, Milk Events, Movement Events, Purchase Events, Sales Events, Scoring Events, Weigh Events (highlighted with a green box), and Carcass Event. The main area shows a table titled 'Active Weigh Events\*'. Above the table is a toolbar with 'Focused view', 'Show Chart', '+ New' (highlighted with a green box), 'Delete', 'Refresh', and 'Visualize this vi'. A tooltip for the '+ New' button says 'New Create a new Weigh Event record.' The table has columns: Name, Animal, Ear-Tag (Animal), and Weight ...

Name	Animal	Ear-Tag (Animal)	Weight ...
ASFS101JD	ASFS101JD	101J	50 Days

This block compares a blank weight form on the left with a properly formatted saved weight record on the right. The blank form shows required fields with red asterisks (\*).

Field	Value
Animal	---
Weight Date	03-Sep-2024
Weight Type	---
Weight	---
Weight Unit	---
Weigh Group	---
Protocol	---
By Whom	---
Comments	---

The saved record on the right shows the following details:

- Animal: ASFS101JD
- Ear-Tag: 101J
- RFID: ---
- Location: AgSights Demo Farm 2
- Weight Date: 01-Feb-2022
- Weight Type: 50 Days
- Weight: 21.00
- Weight Unit: kg
- Weigh Group: 50-Day Weights 2022 - Erin Massender
- Protocol: ---
- By Whom: ---
- Comments: ---

*An example of the blank Weight Form (note required fields with the \*) and, a properly formatted saved weight record.*

## Steps to Bulk Import Weight Events

- Download an Excel template to fill in your weight information or start with an existing CSV file from your RFID Reader / scale head etc.
- Ensure all required fields are added to this file (as listed above). The columns do not need to be in a specific order and you can map the drop-down lists with the file.
- Fill in the required columns and save the file as a CSV.
  - **Important Note:** Load weight events in chronological order in separate files (i.e., do NOT combine your 50 Days and 100 Days weights into one single file). The calculations for later adjusted weights (e.g., 100 Days, Yearling) use the earlier weight (e.g., 50 Days) and may fail if the earlier weight has not been previously loaded.
- On the top navigation ribbon, look for the button called '**Import from CSV**' (you may need to click the 'More' button (3 Dots on the far right of the ribbon) to find this option).
- This will pull up a panel where you will fill in the details to import the file.
- Select '**Choose File**' to browse for the file you want to upload, then click '**Next**'.
- Select '**Review Mapping**' to map your file to the names for the columns in the system.
  - If you have used the system template, it should map automatically. If not, you will have to select the column name in your file that represents each column in the system. Note that any field that is a Lookup (magnifying glass beside the column name) must be mapped to the correct column within the table referenced.
  - **Animal** – Uses the default Animal ID for your account (which will either be Bio ID or RFID) by default. You can use any other unique ID, if you tell the system what type of ID you are using.
  - **Weigh Group** – By default, the system will look up the column called '**Group Name**'. If you want to use the "**User Group Name**" instead, select this field from the list. See the explanation of Group Name versus User Group name in [Creating Groups and Adding Animals](#).
  - **Weight Unit** – This field should always map to the column called '**Name**' and your file should contain either '**lb**' or '**kg**' in this column.
- When all the columns have been properly mapped (all should have a green check  beside them or a list icon), select '**Finish Import**' to start the import job.
- Select '**Track Your Progress**' to go to '**My Imports**' to view the progress. You can also access '**My Imports**' from the Master Data section of the left navigation bar at any time.
- The import job will run in the background, so you can continue to use bioTrack Plus while the file is importing.

Import from CSV ×

i You're about to import 2024\_04-2024\_05\_BIOT1584WTS\_5... 55 KB

Map each column from your source file to an entity field in Dynamics 365.

Name Your Data Map Delete

Map Attributes		Show All
<b>Primary Fields</b>		
Animal (Lookup) *	<input type="text" value="Animal"/>	▼
Weight Date *	<input checked="" type="checkbox"/>	Weight Date ▼
Weigh Group (Lo... *	<input type="text" value="Weight Group"/>	▼
Weight *	<input checked="" type="checkbox"/>	Weight ▼
Weight Type (Opt... *	<input type="text" value="Weight Type"/>	▼
<b>Optional Fields</b>		
Source Fields	Dynamics 365 Entity Fields	
Comments	<input checked="" type="checkbox"/>	Comments ▼
Weight Unit	<input type="text" value="Weight Unit (Lookup)"/>	▼

Animal (Lookup) *	<input type="text" value="Animal"/>	Weigh Group (Lo... *	<input type="text" value="Weight Group"/>	Weight Unit	<input type="text" value="Weight Unit (Lookup)"/>
Lookup reference for field Animal		Lookup reference for field Weight Group		Lookup reference for field Weight Unit	
Related Record Type: Referred Field		Related Record Type: Referred Field		Related Record Type: Referred Field	
Animals	<input checked="" type="checkbox"/> Animal ID <input type="checkbox"/> RFID <input type="checkbox"/> Bio ID	Group	<input checked="" type="checkbox"/> Group Name <input type="checkbox"/> User Group Name	Unit	<input checked="" type="checkbox"/> Name

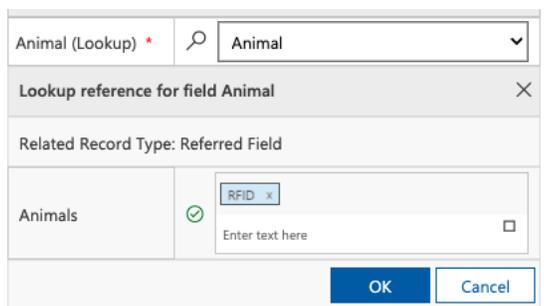
*Example of a properly mapped weight file (above) and, acceptable columns mapped for the three mandatory Lookup fields.*

	D	E	F	G	H	I	
	Animal	Weight Date	Weight Type	Weigh Group	Weight	Weight Unit	Comments
1	SMASF6275LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	516.00	lb	
2	SMASF6274LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	455.00	lb	
3	SMASF6273LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	440.00	lb	
4	SMASF6272LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	492.00	lb	Sick
5	SMASF6271LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	439.00	lb	
6	SMASF6270LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	509.00	lb	
7	SMASF6259LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	502.00	lb	
8	SMASF6258LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	443.00	lb	
9	SMASF6257LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	440.00	lb	
10	SMASF6252LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	510.00	lb	
11	SMASF6256LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	504.00	lb	
12	SMASF6255LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	511.00	lb	
13	SMASF6253LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	441.00	lb	Sick
14	SMASF6254LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	479.00	lb	
15	SMASF6248LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	481.00	lb	
16	SMASF6259LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	470.00	lb	
17	SMASF6251LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	444.00	lb	
18	SMASF6249LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	438.00	lb	
19	SMASF6246LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	521.00	lb	
20	SMASF6247LD	2023-07-31	Weaning	2023 Beef WWT - Demo #	486.00	lb	
21							

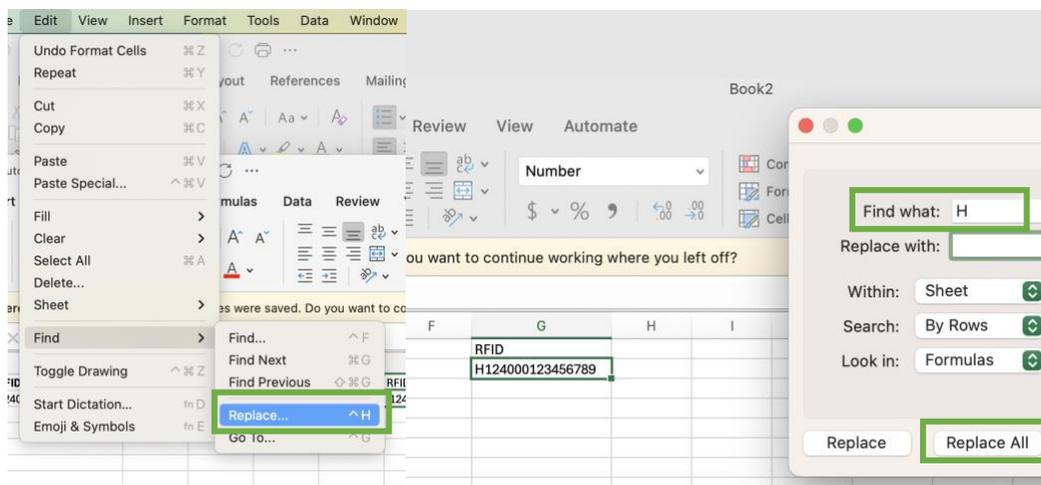
*Example of properly formatted weight records, using the Download template.*

## Special Notes on Importing Events by RFID

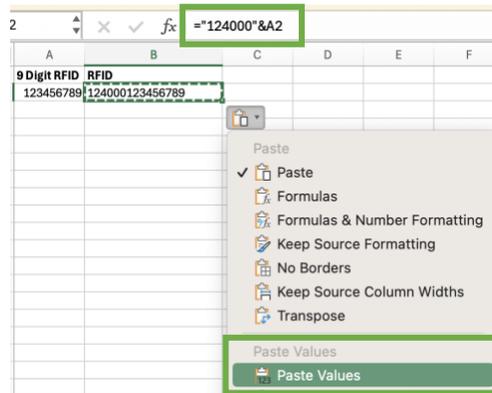
- Accounts using a scale head often import weights by RFID, even if Bio ID is the normal default for their account. In this case, ensure you change the column referenced when mapping the **Animal** column to RFID for the weight file or your import may fail with the error “*The lookup field could not be resolved*”.



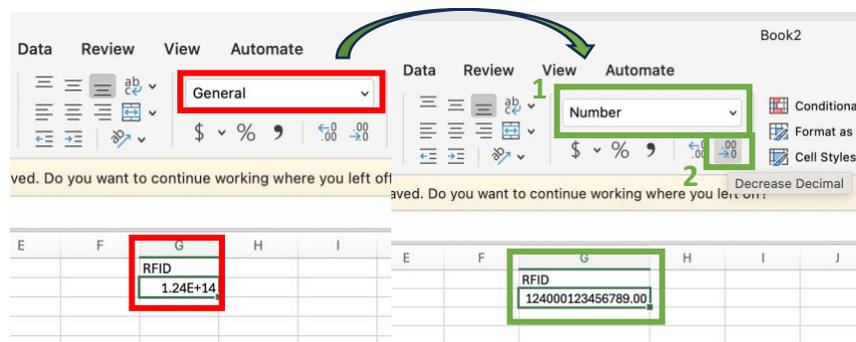
- Some RFID readers add extra digits to the number (e.g., 124 000123456789 or H124000123456789). You can use Excel’s Find and Replace feature to remove the extra characters.
  - For example, find H and replace with “Leave it as is with no spaces”



- If you only have the 9 digit RFID, and you did not enter that value as the animal’s Ear-Tag or other Custom ID, you will need to concatenate the country code to ensure the RFID is the full 15 digits or your import will fail with the error “*The lookup field could not be resolved*”, which means in other words that the system could not find that RFID.
  - This can be accomplished with a formula like “=124000” &A2, where A2 is the first cell in the column with the 9-digit RFID in it, as shown in the screenshot below. Highlight the column and paste as values to get rid of the formula.



- Be aware, sometimes Excel switches RFIDs to scientific notation. The system will not import the record correctly if the column is in scientific notation.
  - To fix this, highlight the column and change the column type to 'Numeric'. Then, remove the decimal places using the Decrease Decimal button.



## Weight Event Glossary

The following glossary describes all required and optional fields on the Add Weight Event form. Use this as a reference to troubleshoot challenges saving or importing weight records. The fields that are always required are shaded green in the glossary and have a red asterisk (\*) on the Add Weight Events Form. The white fields are optional fields.

Field	Description
Animal	<p>The ID of the animal whose weight event you would like to add.</p> <p><b>Notes:</b> Use the search box to search by any ID type. If you do not know the full ID, for example, you only know the last few digits of an RFID, use an asterisk to begin your search string (e.g., *9670 will find any animal that has an ID that contains 9670 in the Ear-Tag, RFID, Registration ID etc.).</p>
Weight Date	<p>The date the weight was recorded is mandatory, today's date will be displayed by default.</p> <p><b>Notes:</b> You can use the calendar picker to select the date or type the date into the box in the same format when adding individual events.</p> <p>For importing, the template date format is YYYY-MM-DD, but other formats may work in custom CSV files if you ensure it is consistent and the system can identify the day vs month (e.g., if the only date is 01-02-2024, the system does not know if the date is January 2<sup>nd</sup> or February 1<sup>st</sup>, but if the date is 15-01-2024 the date must be January 15<sup>th</sup>).</p>
Weight Type	<p>An option set with the category/purpose of the weighing event.</p> <p><b>Options:</b> Birth, Weaning, Yearling, Feedlot Stage, Sale, Death, Other, Not Specified, 50 Days (Sheep and Goats), 100 Days (Sheep and Goats), 150 Days (Sheep and Goats), Ultrasound</p>
Weight	The actual numeric weight value for the record, with up to two decimals.
Weight Unit	<p>A lookup field for the unit of the weight measurement.</p> <p><b>Options:</b> lb, kg</p> <p><b>Notes:</b> The field is case sensitive, ensure you type the units above exactly as shown. When importing records, the Weight Unit column should ALWAYS map to the column called 'Name'.</p>
Weigh Group	<p>A lookup of the group of animals weighed on the same date / at the same time.</p> <p><b>Options:</b> A list of all of the weigh groups that have been created in the account.</p>
Protocol	<p>A lookup that can be used to indicate a protocol associated with the weight.</p> <p><b>Options:</b> A list of all the protocols that have been setup in the account.</p>
By Whom	<p>A lookup to the Contacts table, to indicate the person responsible for recording the weight.</p> <p><b>Options:</b> A list of all of the contacts setup in the account.</p>
Comments	An optional text field you can use to record any supplementary notes about the animal recorded at the time of weighing.

## Considerations for Alternative Management Systems:

- Not all operations capture individual weights but may find value from benchmarking between birth seasons.
  - There are two options in this situation:
    - Weigh a Truck of Similar Sized Animals
    - Use Auction Sale Barn Averages for the Lot

To do this export a list of all Animals in a Group

- Add the mandatory fields to enter a weight record
  - For the weight field, enter the average of the truck load or sale lot
  - Comments can be used to note any visible differences between animals if that detail has been captured when weighing