

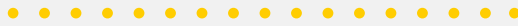
get the most out of your

Gallagher Devices



1.

things to check before **starting a job.**



Here are a few things that we check before every job to make sure we are ready to go with your Gallagher devices.



a.

Open **settings** and select **Equipment Connections**

Select loadbars/EID reader or other data device as appropriate, ie. a barcode scanner.

Set weight lock

Go into a new session, click the session name at the bottom of the screen and select **"Automatic"** on weight lock. Then save



b.

Next, open **settings** and for most EID work, make sure to

Select ID required

Open settings and go to **Equipment and Connections**

Select the EID reader and then chose the "wait until EID stable" option

c.

Finally, open the **General home page**

Turn on Bluetooth

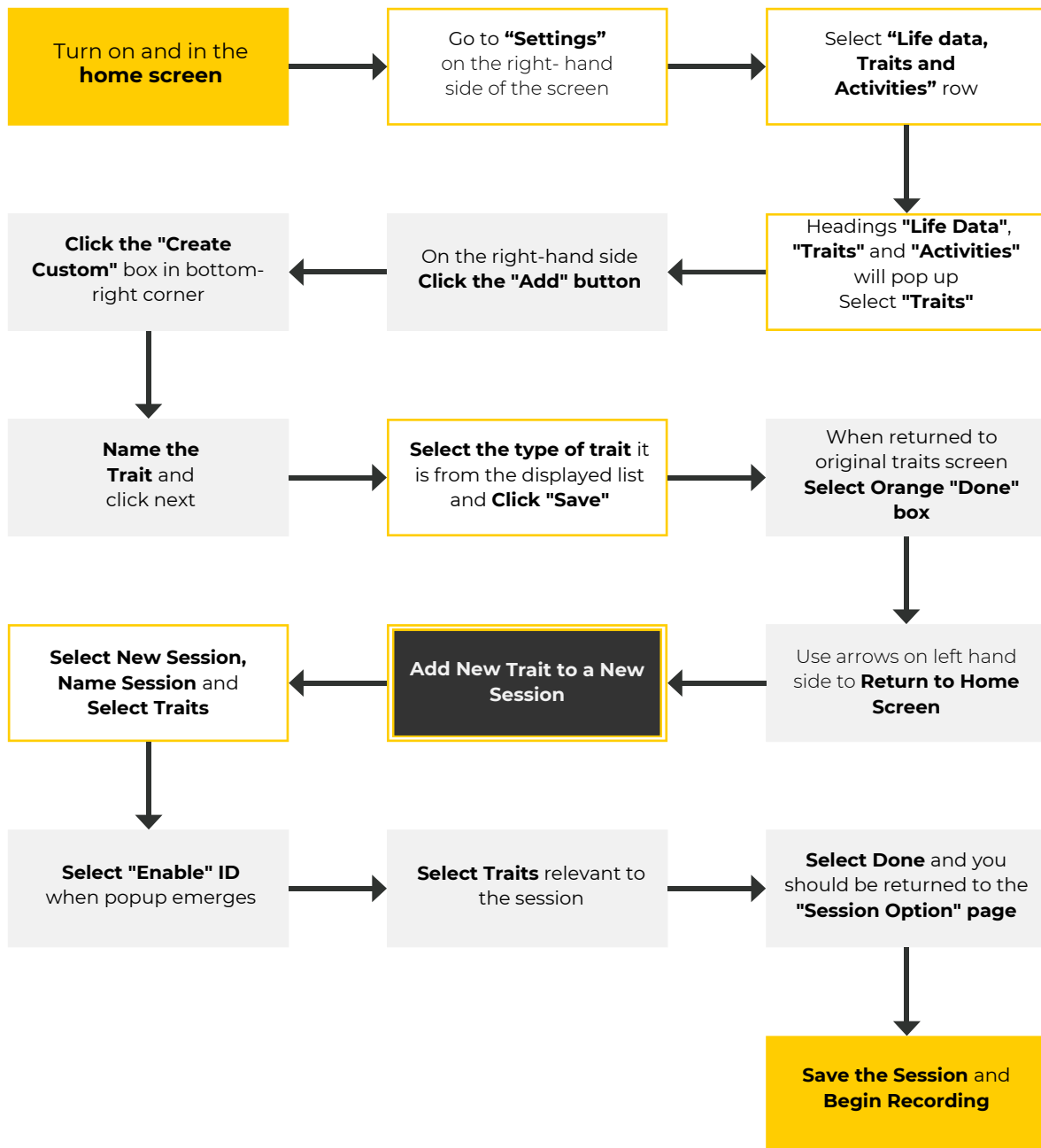
If you need to connect a Bluetooth device, such as a stick reader select the Bluetooth logo in the bottom right of the screen, (next to the Wifi and battery status symbols").

Remember the Data Devices in Equipment and Connections should only be changed

if you are using a barcode scanner for entering the EID numbers or Tissue sampling units ID's if you are taking DNA samples.

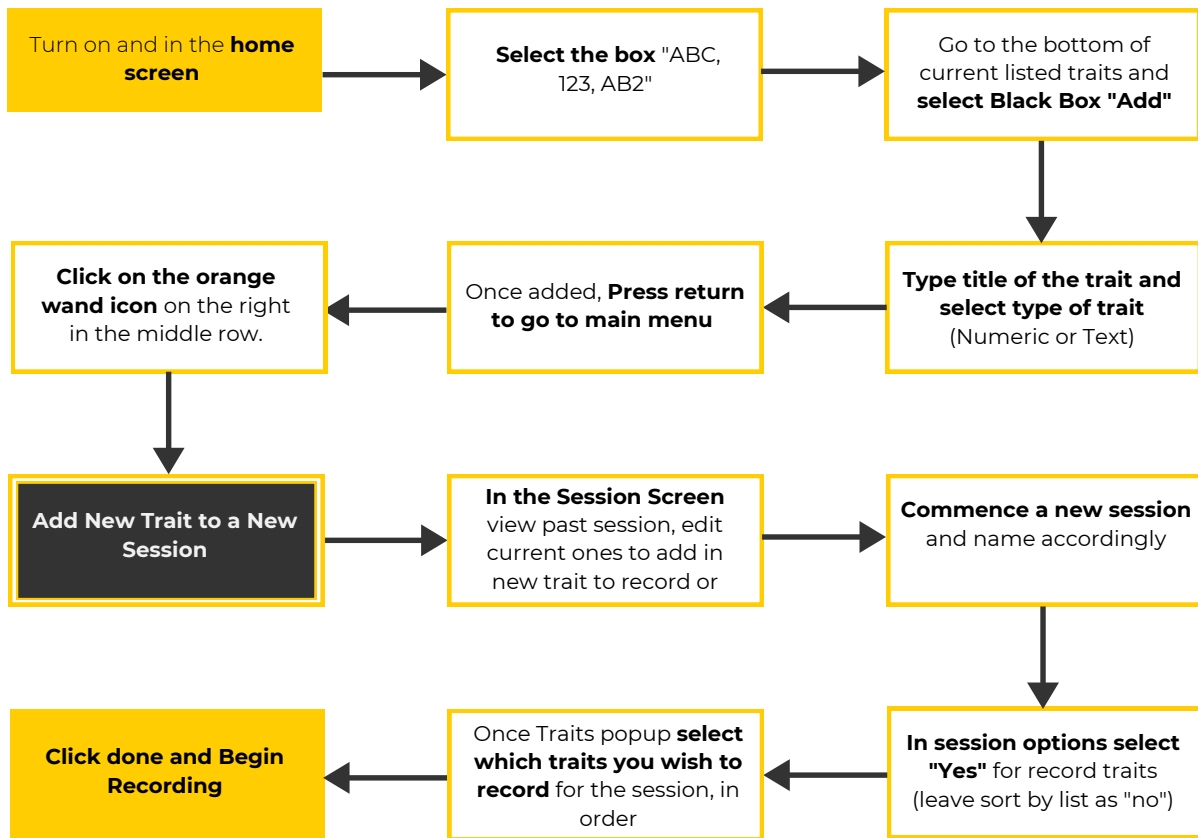
2.

creating & recording a new trait for the TWR



3.

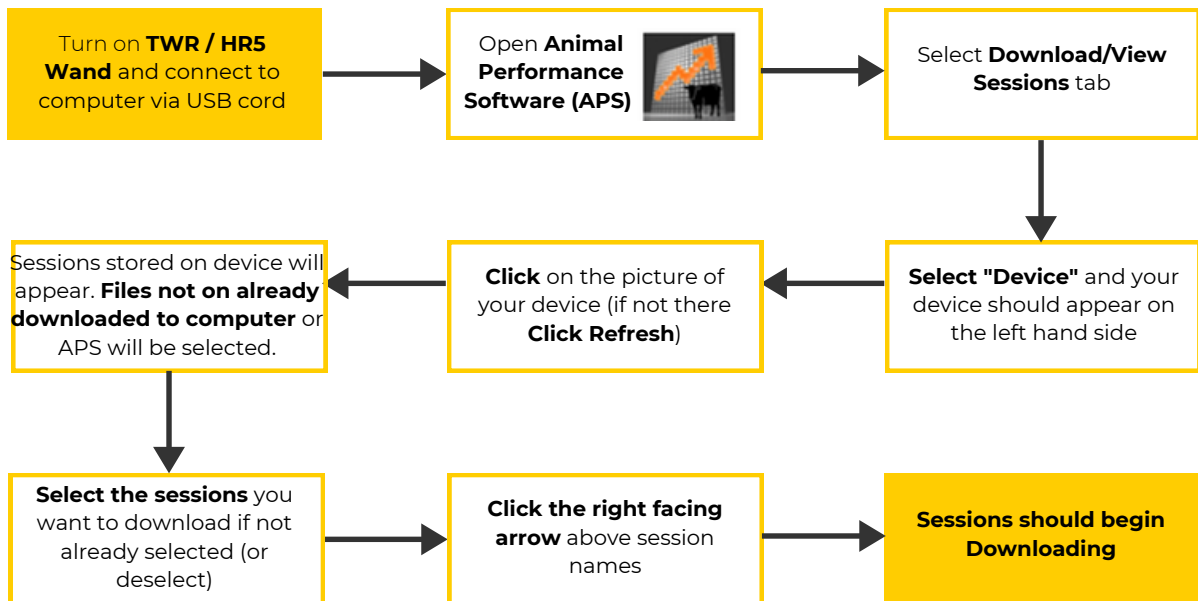
creating & recording a new Trait for the HR5



Quick Tip - If it is likely there will be a trait where most of your animals will have the same value recorded, you can chose a 'default' value where that number is automatically applied to each EID scanned, unless otherwise manually changed. This can be set by clicking on the trait and going to options, selecting yes to default value and nominating what that is.

4.

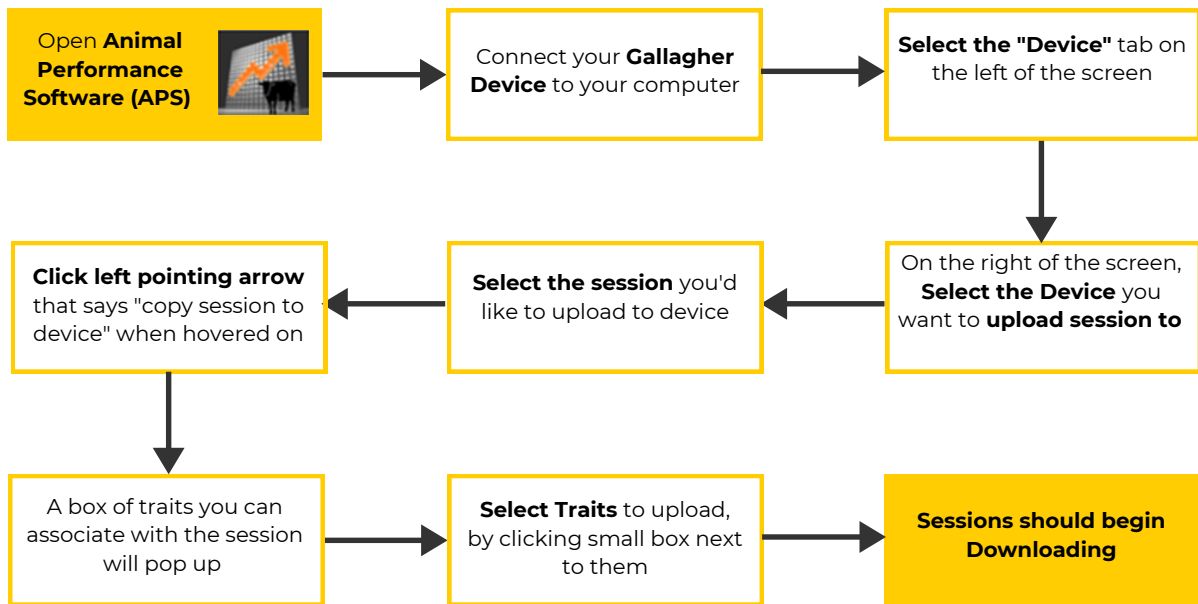
Downloading Data from a TWR / HR5 Wand





Pro Tip - After the download is complete, return to the sessions tab on the left hand side of the screen, above the device tab you initially selected. The sessions you've just imported should be there. To view the animals from a session, click on the session, then select the graph icon on the right hand side. Click on individual EID's to further assess animals.

5.

Uploading Data to a TW/TWR /HR5 Wand



Pro Tip - When selecting traits to upload on your device, it is important to select traits that are relevant to the upcoming work. For example, to draft lambs by sex, ensure to upload a session with the sex trait included.

Drafting Note - If you are transferring a draft list to your device, select the  symbol on the right hand side of the screen, under the heading 'Sessions on this computer'. This will bring up all saved draft lists within the software and list them below. Alternatively the  in that same section of the screen will bring up the sessions that can be uploaded to your scalehead or device.

6.

Preparing a tag bucket file to be uploaded to a Gallagher Device.

a.

Finding the Tag Bucket File

Email from EID Manufacturer

Generally your manufacturer will email you a spreadsheet with EID tags matched to VID (Visual ID).

Reference number on Packaging

Most packaging has a reference number that can be entered on the manufactures website to download the tag bucket file.

	A	B	C	D	E
1	Rfid tag #	Printing 1	Printing 2	Printing 3	Colour
2	982 123730919654	190001	Bluestone	2019	YELLOW
3	982 123730919655	190002	Bluestone	2019	YELLOW
4	982 123730919656	190003	Bluestone	2019	YELLOW
5	982 123730919657	190004	Bluestone	2019	YELLOW
6	982 123730919658	190005	Bluestone	2019	YELLOW
7	982 123730919659	190006	Bluestone	2019	YELLOW
8	982 123730919660	190007	Bluestone	2019	YELLOW
9	982 123730919661	190008	Bluestone	2019	YELLOW
10	982 123730919662	190009	Bluestone	2019	YELLOW

b.

Preparing the Bucket File for Upload

Delete all Irrelevant information

All columns except for the the two containing EID and VID can be deleted

Change Titles to EID and VID

Change headings from Rfid tag # to EID and Printing 1 to VID

Save File as a CSV and Upload

Save file as a CSV and upload to the Gallagher Device

	A	B
1	EID	VID
2	982 123730919654	190001
3	982 123730919655	190002
4	982 123730919656	190003
5	982 123730919657	190004
6	982 123730919658	190005
7	982 123730919659	190006
8	982 123730919660	190007
9	982 123730919661	190008
10	982 123730919662	190009

Setup your Gallagher Device for Success

Consistency is Key

Once you are clear about what measurements you want to record with EID, it is important that you set up your Gallagher device so you are consistent in the way you record this information.

Creating a data recording template, using a naming convention under headings, is a great way to ensure data is recorded correctly and can be utilised in the future for events including classing or drafting.

The Table below shows some common Traits and how they could be recorded.

EID	VID	Breed	Sex	Sire	BT	Class	WWT	YWT	YCS	Join Sire	Preg Scan	Lamb Lost
982 123770248775	220001	Merino	M	Ram 1	1	Maternal				Ram 1	0	1
982 123770248770	220002	Composite	F	Ram 2	2	Terminal				Ram 2	1	
982 123770248825	220003	1st X		Syd 1	3	Cull				Syd 1	2	
982 123770248815	220005	Terminal										
982 123770248838	220006											

Consistent headings are key- For example, if pregnancy scanning is usually recorded under "Preg Scan", as shown in the example template above, but was recorded under "Preg Status" for one mob, when the data is download and analysed the data for that mob would be under the separate heading in excel. If you wanted to set up a draft file for your Gallagher Device to draft on "Preg Scan", it would not draft the animals that had their pregnancy recorded under "Preg Status". Consequently, it would require extra manipulation in excel to realign the data under a consistent heading (ie. "Preg Scan"), for analysis or to be reuploaded to the device to set a draft file.

Consistent naming under headings is important - If data for the trait "Preg Scan" was recorded as the words, dry, single, twin for one year and a draft file was set up to draft on the trait "Preg Scan", based on data recorded under 0, 1, 2 it would not draft out the animals that had the data recorded as dry, single, twin.

Set a Plan early, as shown in the table above, to ensure data is recorded consistently to prevent issues down the track.