

What Can I Do in FossManager?**FAQ**

In this document we will show you, step by step, how to use various functions within FossManager.

We will do this in the format of answering some common questions that have arisen during operation of Foss NIR equipment within the UK Grain Testing Network.

Question such as –

What calibrations are currently running on my equipment?

Have I run my ring check or standardisation samples?

Is my NIR connected to the Foss server?

We are grateful to the co-operation of Richard Denton from Openfield, who has allowed us to share some of his information via screenshots of his equipment on FossManager.

***Vic Cameron
Chris McClellan***

***Technical Administrator (TA), UKGTN
Industry Sales Manager – Grain, Oilseeds & Beverages, Foss UK***

How do I Find My Equipment in FossManager?

Log into FossManager using your user ID and password. If you do not have access to FossManager contact Foss at servicebi@foss.dk

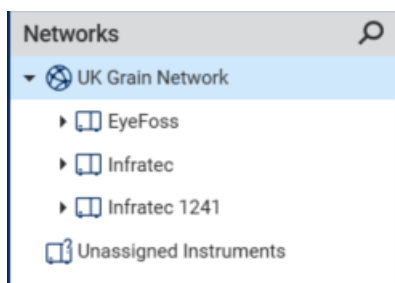


If you have access to different accounts, ensure you are logging into FossManger on EuropeGrain.

As happens sometimes, if you have forgotten your password click the 'Forgot password' button and follow the instructions.

Once logged in you will see the screen split into 3 columns.

The top of the left-hand column will show you the type of instruments you will have access to. The snip here shows you all types of equipment, from the TA log in screen.



Clicking on the arrow next to 'UK Grain Network' will show you the type of equipment you have rights to see in your Network. This will be 'Infratec' if you have an Infratec TM or Nova, and 'Infratec 1241' if you have a Gen1, Gen2 or Gen3 1241.

Clicking on the arrow next to your equipment type will list the sites or groups you have access to. And clicking on a site or group will show you the equipment held there. In this example the Network Numbers have been hidden.

Networks		Instruments (Openfield Infratec)	
	Grainlink	Name	Chassis ID
	H R Bourn and Sons	91845819	Openfield Grantham No7 36028981708980059
	Highland Grain	91868699	Openfield Bressingham 2 36029011771631962
	Livelab	91870132	Openfield Grantham 1 36029011771639619
	Muntons	91870188	Openfield Grantham 3 36029011771632840
	NIAB		
	Openfield Infratec		
	Peldon Hall Farm		
	Ray Craggs Ltd		

The bottom of the left-hand column is a list of functions that you can access. For normal Network business you should only require the use of Instrument, Products, Update Sessions and Surveillance.





	Instruments
	Products
	Prediction Models
	Parameter Profiles
	Operation Profiles
	User-Defined Fields
	Update Sessions
	Surveillance
	Sample Sets

The middle and right-hand columns will provide information such as equipment details, results, dates, and times, depending upon which function is in use at the time.

What Calibrations Do I Have on My Equipment?

While in the Instruments function, highlight the machine in question in the middle column. Click on 'Products' on the row of menu options on the right-hand column. Depending where you were previously you may need to click on 'Products' first and then pick the machine you are interested in.

You will see all the current active calibrations listed.

	Summary	Contact Information	Instrument Settings	Products	Licenses
	Name	Code	Sample Type	Path	
	BR324301 Scottish Spring	BR324301	Normal	NOVA UKGTN standard models	
	BS324301 English Spring	BS324301	Normal	NOVA UKGTN standard models	
	BW324301 Winter Barley	BW324301	Normal	NOVA UKGTN standard models	

These calibrations should be the same as those listed on the Foss website; a link to the Foss page can also be found on the UKGTN website.

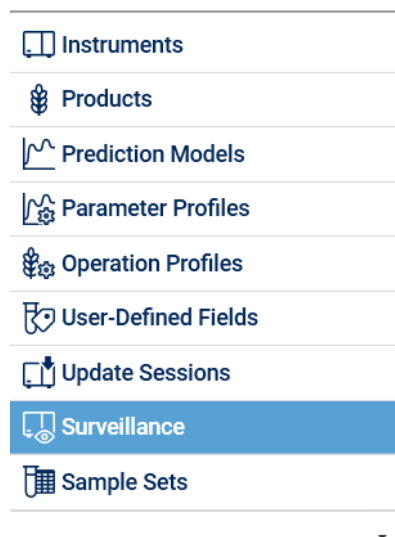
www.fossanalytics.com/en-gb/knowledge/ukgn

If you find that you do not have the current calibrations, please contact the TA; if you are found to not have the most up to date calibrations you will be listed as such on the membership list published on the UKGTN website.

Is My Equipment Linked to the Foss Server?

You can check if your equipment is connected to the server. Choose your machine while in the Surveillance section.

Click on Synchronisation from the tabs at the top of the third column.



If all is fine, you will see OK in the status field.

Synchronisation		Samples	Diagnostics	Events	
▼ Details					
	State:	Last activity at:	Elapsed:	Warning level:	Error level:
Aliveness:	Ok	04/03/2022 14:52:54	0.00:03	1.01:00	2.02:00
Upload:	Ok	04/03/2022 14:52:55	0.00:03	1.01:00	2.02:00
Download active:	Ok			1.01:00	2.02:00

If there are issues, you will see Error in this field.

Synchronisation		Samples	Diagnostics	Events	
▼ Details					
	State:	Last activity at:	Elapsed:	Warning level:	Error level:
Aliveness:	Error	26/01/2022 12:27:10	37.02:27	1.01:00	2.02:00
Upload:	Error	26/01/2022 12:27:10	37.02:27	1.01:00	2.02:00
Download active:	Ok			1.01:00	2.02:00

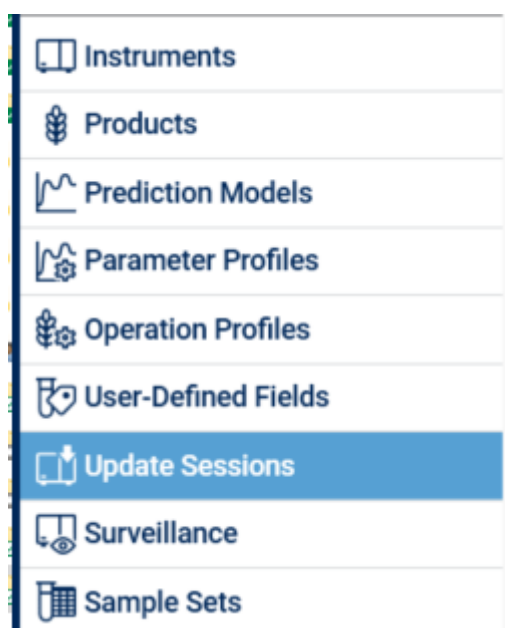
If you have an error, ensure that all your cables are connected properly. If you still have an error, contact Foss via the normal channels.

Have I Received the Latest Calibration Download?

After standardisation you will receive a calibration update. You may also receive an update during the harvest, if we may a bias adjustment during the monitoring process.

You will receive a notification of any download in advance, and you can check with FossManager to ensure that you have received this download.

First thing to do is chose your group, if you have one, or individual instrument from left hand column and also click on Update Sessions.



In the middle column you will see a list of updates, starting with most recent at the top.

In the example below you can see an update to field beans and 2 bias adjustments at harvest.

<input checked="" type="checkbox"/>	Name	Created
<input checked="" type="checkbox"/>	VA Update to FB141200 Field Beans	24/01/2022 17:03:48
<input checked="" type="checkbox"/>	VA Bias adjustment WH 2021-09-13	13/09/2021 16:27:47
<input checked="" type="checkbox"/>	Adjust BA 2021-08-17 TNL	17/08/2021 15:05:08

You know that these have been successful on all machines in our group as there is a green tick next to the update.

If you highlight one update you can then get a summary and details on individual instrument in the left-hand column.

Summary Instrument Updates

General information		Time stamps	
Name:	VA Update to FB141200 Field Beans	Created:	24/01/2022 17:03:48
Status:	Completed	Published:	24/01/2022 17:03:48
Published by:	Vanessa Ayuningtyas	Completed:	28/01/2022 07:57:23

Operator message
Update to FB141200 Field Beans

Summary **Instrument Updates**

Instruments

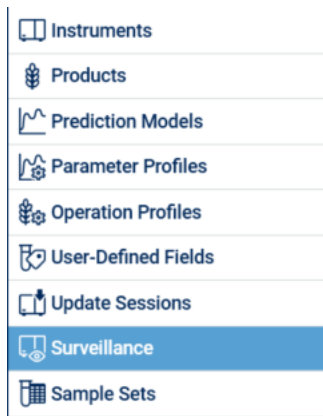
Instrument Name	✓	Download Started	Download Completed
██████████ Openfield Grantham No7	✓	26/01/2022 11:35:39	26/01/2022 11:36:07
██████████ Openfield Bressingham 2	✓	24/01/2022 18:26:23	28/01/2022 07:57:23
██████████ Openfield Grantham 1	✓	26/01/2022 13:28:18	26/01/2022 13:28:48
██████████ Openfield Grantham 3	✓	26/01/2022 12:42:52	26/01/2022 12:43:28

If you do not have the green ticks, contact Foss or the UKGTN TA.

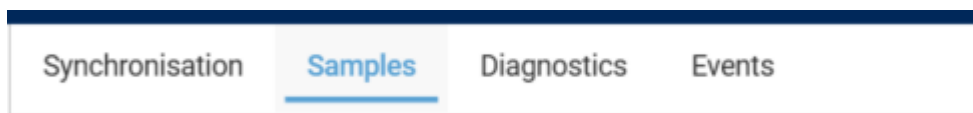
What Results Have I Generated?

It is easy to check your NIR and see what results you have generated, if you used the sample ID function.

Click on the Surveillance section of the main menu.




Then click on the Samples tab on the right-hand side of the screen.



Choose the instrument you would like to check from the middle column, by highlighting. In this case we are looking at data from Openfield Grantham 1.



This will now show you analysed samples in the right-hand column.

	Product	Sample Type	Sample Number	Analysed
	FP005000 Field Peas	Normal		25/02/2022
	FB141200 Field beans	Normal		25/02/2022
	BW324301 Winter Barley	Normal		25/02/2022
	BW324301 Winter Barley	Normal		25/02/2022
	WH325101 Wheat	Normal		25/02/2022
	WH325101 Wheat	Normal		25/02/2022
	WH325101 Wheat	Normal		23/02/2022
	BS324301 English Spring	Normal		18/02/2022

By scrolling along to the right you will see the results; we have not shown those here of course, as this is data that should only be seen by Openfield.

Alter the Results Shown


You can alter the date range and number of samples shown by altering the parameters in the Analysed period box.

Analysed period

Today and last days
 Samples to view:

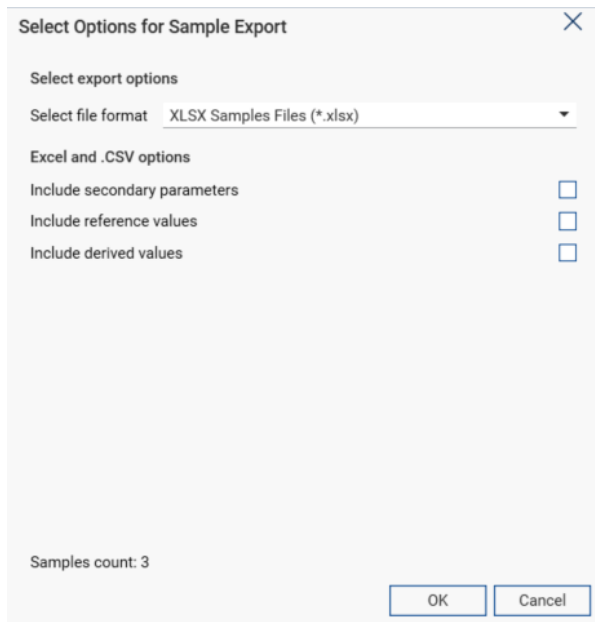
From:
To:

The data generated can be exported to an Excel spreadsheet. Simply highlight the sample you are interested in and then click Export.

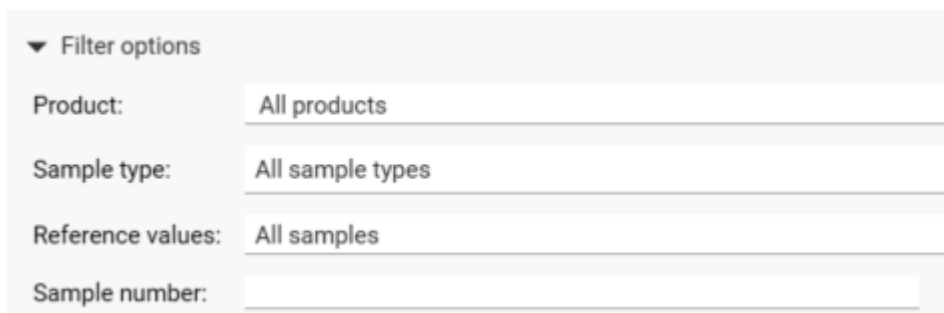
	Product	Sample Type	Sample Number
	FP005000 Field Peas	Normal	
	FB141200 Field beans	Normal	
	BW324301 Winter Barley	Normal	
	BW324301 Winter Barley	Normal	
	WH325101 Wheat	Normal	
	WH325101 Wheat	Normal	
	WH325101 Wheat	Normal	
	BS324301 English Spring	Normal	

In this example the 3 wheat samples highlighted, and their results shown to the right would be downloaded.

Clicking OK here will download the 3 samples, as shown in box below.



If you use the sample ID function a value will be in the Sample Number column. You can search in this column by entering a value in the Sample number box in the Filter options.



For example, you could search using this function to check that you had analysed a ring check, let's say round 8.

Enter R08 in the Sample number box and you will only see results with R08 in name.

▼ Filter options

Product: All products

Sample type: All sample types

Reference values: All samples

Sample number: R08

Analysed period

Today and last 21 days Samples to view: 100

From: 25/02/2022 00:00 To: [Calendar Icon]

Advanced filters
Filters are inactive. Edit

Filter Reset Show sample information: Show secondary parameters: Show instrument local time:

Product	Sample Type	Sample Number	Analysed
OA161208 Oats	Normal	HY2021-R08-OA03	14/02/2022
OA161208 Oats	Normal	HY2021-R08-OA02	14/02/2022
OA161208 Oats	Normal	HY2021-R08-OA01	14/02/2022
WH325101 Wheat	Normal	HY2021-R08-WH03	14/02/2022
WH325101 Wheat	Normal	HY2021-R08-WH02	14/02/2022
BR324301 Scottish Spring	Normal	HY2021-R08-BA04	14/02/2022
BW324301 Winter Barley	Normal	HY2021-R08-BA03	14/02/2022
BS324301 English Spring	Normal	HY2021-R08-BA02	14/02/2022
BS324301 English Spring	Normal	HY2021-R08-BA01	14/02/2022

This can be a useful function for finding not only ring check samples, but standardisation samples and IQC checks.

REMEMBER – you can only use this function if you give each sample a sample number.

Have I Run and/or Saved my Standardisation Scans?

We often have issues with members not scanning standardisation samples or not saving scans when they have been run.





















At the moment Foss or the UKGTN TA have to check what has been run. If you have FossManager you can be proactive, and check all is OK yourself.

By using the filter and sample number function you can search and see if the samples have been run. For example typing GB in the Sample number field you should find the barley standardisation scans for 2021, and by typing HB you will find the barley standardisation scans for 2022.

On the Infratec TM and Nova, the scans are automatically saved. For the older 1241s the save scan function must be set to ON, prior to scanning. If this is not set to On Foss will not be able to see our scans and we will have to ask you to run the sample again.

PLEASE NOTE - As we always say, please follow all instructions that come with your standardisation samples and enter the sample names exactly as they appear on the sample bags.

If you have saved the scans, you will see a ‘paper click’ type diagram in the first column of your results section.

      Product	
	 BW324301 Winter Barley
	 Instrument Calibration Product
	 RA263600 Rapeseed
	 RA263600 Rapeseed
	 RA263600 Rapeseed
	 RA263600 Rapeseed
	 RA263600 Rapeseed

If you cannot see this diagram, you have not saved the scans and you will be asked to rerun the samples with the save scan function set to On.