## FileImportLabModule – data upload guide

The File Import Lab Module is a module created for transferring lab analysis data from Excel- or CSVfiles to NFTS. **The module currently only allows for transferring certain harvest and soil samples that are measured on plot-level.** See the last page for the full list of harvest and soil parameters that can be transferred with the module.

#### Start page

The module can be found on

#### https://analysisupload.webtrial.dk/

Log	gin		
File			Login English *
Us	e a local account to log in.	Use another service to log in.	
Use	name	NFTS login	
Pas	sword		
🗆 Re	member me?		
	Log in		
© 20	23 - FileImportLabModule - <u>Privacy</u>		

#### Use local account to log in as a lab user.

On the login page you have two options. As a lab user, you should **use a local account to log in**, no matter if you have an NFTS login or not. The username and password for your lab user has been sent to you via e-mail.

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Uploaded by	Parameters	Trial no.	Ŧ	Plan no.		ADB no.	Date
IGR	<ul> <li>Litervikt, g</li> <li>Renhet, % av råvara</li> <li>Råprotein, % av TS</li> <li>Vatten, % i kärnaj/tö</li> <li>Gluten, % av TS</li> <li>Stärkele, % av TS</li> <li>N Kväve-total, % av TS</li> </ul>	001		Test-1234-2023		1234567	2023/07/03
ent.	<ul> <li>Gluten, % av TS</li> <li>Stäfickles, % av TS</li> <li>N Kväve-total, % av TS</li> </ul>					12-907	2023/07/03

## Front page for uploading



(1) Upload data by selecting files or dragging them in. (2) Download templates for upload data. (3) Table showing all data your lab has uploaded.

In the middle of the page is a table which shows the data transfer history for your lab, so you can see every occurrence of someone from your lab transferring data to a trial in NFTS. The table includes information about the date, the trial, which parameters had data uploaded, and who uploaded it.

In the top right corner of the page are two buttons for downloading templates. These templates show you how you Excel- or CSV-files should look in order for the data to be uploaded correctly.

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2	Measurement time	(2)									
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4		(4)									
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## Upload file templates



In the top left corner of the template (cell B1) you must replace the x's with the trial's ADB number. If one or more parameters exist for more than one measurement time in NFTS, you must also include the measurement time in cell B2. This should be the same number as in NFTS, e.g. 'PO1', 'PO2', etc.

Under the 'Plotnumber (without buffer)' header in cell A6, you must insert all the plot numbers for the trial. It is very important that you do not leave any empty cells in the middle of the column, as the system will ignore all samples that come after an empty cell.

In the remaining columns in row 6, you can see all the names of the parameters that can be uploaded to the system (these are different between the harvest- and soil-templates). You should only keep the rows for the parameters you will be uploading. **Delete the full rows for parameters you don't need. Do not leave any empty cells in the middle of the parameter name row. Do not rename any of the parameter names.** We encourage you to create your own templates with only the parameters that your lab uses. For each parameter that you are uploading data, insert the data in the column for this parameter.

By adding multiple sheets, you can upload data for multiple trials or for the same trial with different measurement times, in the same excel-file (for CSV-files you will need to create a separate file per trial/measurement time, but you can upload multiple files at the same time).

### Uploading data and quality check

When you have finished filling in the data, go to the module's front page and either click on 'Select files' to select your file(s), or drag the file(s) onto where it says 'Drop files here to upload'. You can upload multiple files at the same time. Note that it may take some time for the system to verify the data, depending on how much data you are uploading at a time. If the upload fails, check if your file fulfills all the requirements stated in the previous section.

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64       A4       65         7       1       A2       3         8       4       5       3         9       4       5       5         9       4       7       4         10       4       7       5         11       4       7       5         12       4       7       5         13       5       5       5         14       5       9       6         15       6       9       6         16       7       9       9         17       9       9       9         18       9       9       9         19       9       9       9         19       9       9       9         19       9       9       9         19       9       9       9         19       9       9       9	5	1	A9	92	24			
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Next you will be taken to a page where you can check the data before transferring to NFTS. Data is shown in a table for each trial. If you click on the trial headline you can collapse the table for this trial. For each trial you may encounter several warnings about your data. See the table below for the list of warnings and explanations for what they mean (and potential solutions). If you decide based on the warnings that you would not like to transfer data for a trial to NFTS, you can click 'Exclude trial', which means no data for this trial will be transferred.

Warning	Explanation
Trial has one or more error marked plots (see	Values marked in red will not be included when
plots marked in red) - error marked plots are	transferring to NFTS. No action required.
not included in transfer to NFTS	
User does not have access to upload data to	Your lab has not been given access to upload
this parameter: [parameter name]	data for this specific parameter. If the
	parameter name in your uploaded file is
	correct, contact your trial planner as they can
	give you access.
User does not have access to upload data to	Your lab has not been given access to upload
this trial	data for this specific trial. If the ADB number in
	your uploaded file is correct, contact your trial
	planner as they can give you access.
No matching parameter found in NFTS:	A parameter with this name does not exist for
[parameter name]	this trial in NFTS. Check the parameter name in
	the uploaded file, and the ADB number.
Parameter has been discarded in NFTS:	The parameter has been marked as 'discarded'
[parameter name]	in NFTS, and no data can be transferred for it.
Parameter will not be included in transfer, as	Some parameters only allow data within a
one or more values (marked in blue) are out of	certain range. These are defined in NFTS. The
the specified range: [parameter name]	range is written in parentheses after the
	parameter name. Check that the data in your
	uploaded file is correct. Data for this parameter
	will not be transferred.
More datapoints found than plots in trial design	Only values up to the number of plots in the
- rows at the bottom marked in gray will not be	trial design in NFTS will be included in transfer.
included in transfer to NFTS	Verify that you have the correct ADB number
	and/or the correct data.
Trial design has not been approved in NFTS	The trial design must be approved in NFTS
	before any measurement data can be uploaded.
	Contact your trial planner.
Trial not found in NFTS	There is no trial with the ADB number in your
	file in NFTS. Check the ADB number.
Data already exists in NFTS and will be	Make sure the parameter name is correct and
overwritten for parameter: [parameter name]	that you are not overwriting the wrong data.

For each trial you can add notes that will also be uploaded to NFTS when transferring data. You can add notes for the trial in general by clicking 'Notes', which will open a small window where you can click 'Add note' to add a new note. You can also see any notes you have already added and edit or delete them.

Notes for Tes	Notes for Test-1234-2023-001 Test trial (0123456) $ imes$						
+ Add note	(1)	(2)	(3)				
Title							
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(1) Add a new note. (2) Edit existing note. (3) Delete existing note.

If you want to add a note for a specific parameter, click the note-icon next to the parameter name in the table, which opens the same window with a pre-determined title.

Once you have finished checking your data and adding notes, click on 'Transfer to NFTS' at the bottom right of the page. You will be asked to fill in your name/initials. Press 'Upload' to upload the data to NFTS. This may take some time, depending on how much data you are transferring at a time. Once the data has been transferred you will be taken to the front page, where the data history table will be updated with the data you have just transferred.

If you run into any problems with the module, feel free to write to us at <u>webtrial@teknologisk.dk</u>.

# List of parameters

(OBS: Only on plot-level)

Harvest sample parameters	Soil sample parameters
AAT, g/kg TS	Ca-AL, mg/100g jord
C, halm, % av TS	K-AL, mg/100 g jord
C, kärna/frö, % av TS	K-HCl, mg/100 g jord
C, växtprov % i TS	Mg-AL, mg/100 g jord
Ca, % av TS	N-Min 30-60 cm djup
Chlorofyl, Klorofyll PpM	N-min 0-30 cm djup
Energi, MJ, MJ/kg TS, Omsättningsbar	NH4-N, ppm i jord 0-30 cm
Ergosterol, Enl Nit-analys	NH4-N, ppm i jord 30-60 cm
Falltal	NO3-N, ppm i jord 0-30 cm
Fraktion kärna % > 2.5 mm	NO3-N, ppm i jord 30-60 cm
Gluten, % av TS	P-AL, mg/100 g jord
Halm, g Torrsubstans	P-HCl, mg/100 g jord
K + Na, mg/100 g sukker	S-värde, mekv/100 g jord
K, % av TS	T-värde, mekv/100 g jord
Kärna/frö andel, % av TS	Total-C, % i jord 0-25 cm
Litervikt, g	Vandindhold i jord, %
Mg, % av TS	Volymvikt, KG/L
N Kväve-total, % av TS	pH
N, frö/kärna, % i TS	
N, halm, % i TS	
N, växtprov, % i TS	
NDF, % av TS, total	
Na, % av TS	
Natrium, mg/100 g socker	
Olja, % av TS	
P, % av TS	
PBV, g/kg TS	
Renhet, % av råvara	
Råaska, % av TS	
Råfett, % av TS	
Råfett, % i råvara	
Råprotein, % av TS	
Råprotein, % i råvara	
Råprotein, % smb av TS	
Smältbarhet, in-vitro	
Socker, % av råvara	
Stärkelse, % av TS	
Svavel, % av TS	
TK-vikt g	
Torrsubstans, % av råvara	
Torrsubstans, % av växtprov	
Total-N, % av TS	
Vatten, % i kärna/frö	
iNDF, % av TS	