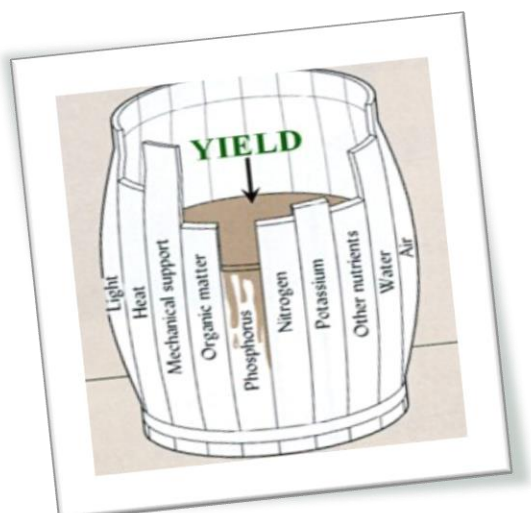


# NMP Online User Manual





**Contact details for NMP Online:**

**Website:** <https://nmp.teagasc.ie>

**NMP Help Desk:**

**Email:** [nmp.helpdesk@teagasc.ie](mailto:nmp.helpdesk@teagasc.ie)

**Phone number:** 076-1111339

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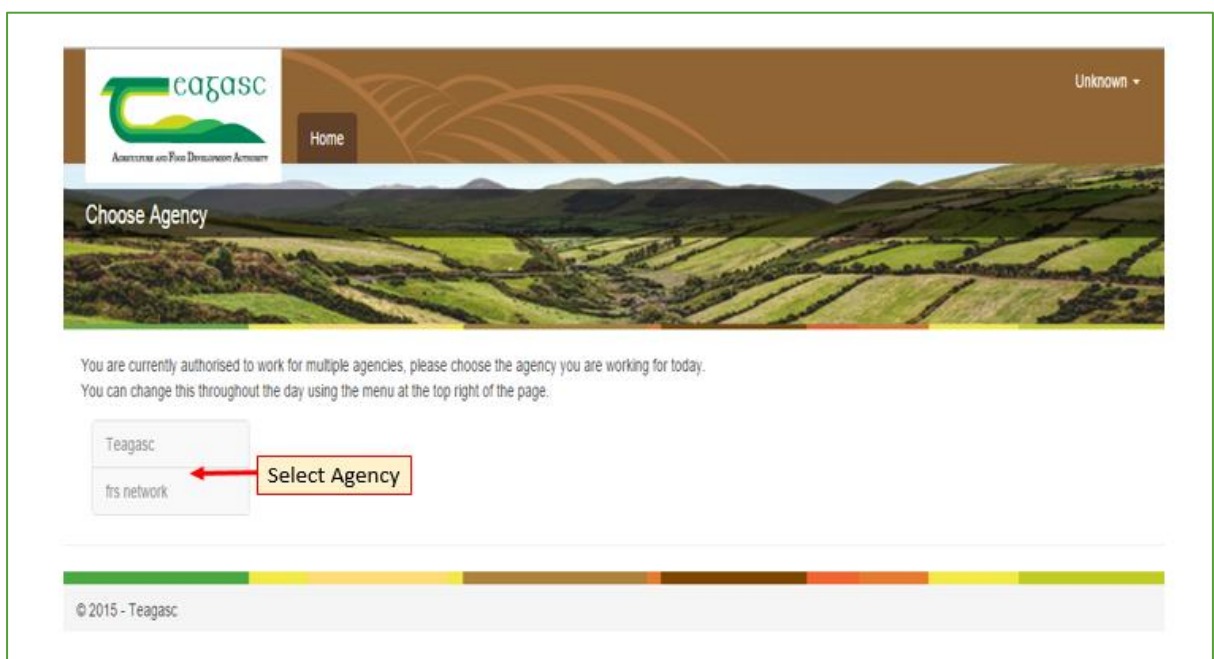
# 1. HOW TO REGISTER

## 1.1 Registration, Log-in, choosing an Agency

1. Having followed the procedures outlined in 'Registering to Use NMP Online' (see Appendix 1), log into <https://nmp.teagasc.ie>, enter your Username and Password and click **Sign in**



2. After logging in the following home screen appears, this is where you select your associated Agency.
3. If associated with more than one Agency these will also appear.



## 1.2 Tips for using NMP Online

1. Where possible use a large screen (21" monitor ideal), this will make more data available on the screen and ensure less scrolling up, down and across.
2. Using a mouse makes the use of mapping and other aspects of the system easier.
3. If you click the little question mark symbol on the top of every page it will bring up a help text in relation to the page you are on, which will guide you if you are unsure of something.

93 - 2015 - Meath - A Client - A1234567

New version Create a copy Send to another agency Download DAFM Data Send to external entity Map Viewer

Plan - Soil Samples

Search:

ID	Lab Name	Lab Sample Code	Sample Date	pH	Loss (%)	P Value	K Value	Trace Elements					
								Mg	Cu	Zn	Mn	Ca	Fe
0021	EAL - 1727	30/11/2014	6.94	0	2.94	36.5							
0022	EAL - 1728	30/11/2014	6.31	1.9	2.11	24.1							
001	EAL - 1384	06/12/2013	5.68	2.9	5.22	124							
002	EAL - 1385	06/12/2013	6.86	4.5	5.86	103							
003	EAL - 1386	06/12/2013	5.91	4.0	3.31	162							
004	EAL - 1387	06/12/2013	5.95	2.9	2.89	48							
005	EAL - 1388	06/12/2013	5.86	3	1.88	85.1							
006	EAL - 1389	06/12/2013	5.65	2.9	7.91	127							
007	EAL - 1390	06/12/2013	5.63	4	1.6	83.8							
008	EAL - 1391	06/12/2013	5.89	2	1.9	90.1							

Previous 1 2 3 Next

Add Soil Sample Import LIMS Samples Import From File

Clicking on the question symbol at any time will bring up a help text

4. Beside the ? above are Diagonal arrows which will enlarge the screen on all the tabs within the programme.
5. The cog symbol allows the user to edit the setting for individual plans.
6. If you find that an action you are carrying out is unresponsive this means that the session has timed out, however, you will not have to sign back in just click the refresh button.
7. **Some of the following Sections will contain the following text *\*Note: This is an information page only. No data is entered into this page.***

## 2. AGENT HOMEPAGE

**\*Note:** At first this screen will appear blank please follow the instructions below.

Clients will not appear on the home screen unless you have a plan created for a client.

The screenshot displays the Teagasc Agent Homepage. At the top, there is a navigation bar with 'Home' and 'Admin' buttons. Below this, a search bar is present with a red callout box stating 'To search enter either herd number or farmer name'. The main content area features a 'My Clients' section with a dropdown menu set to 'My Clients (with plans)'. A red callout box points to this dropdown with the text 'Select My Clients/Agency Clients'. To the right, there is a 'Plan Types' dropdown menu set to 'All Plan Types'. Below these are two input fields for 'Search'. A table of clients is displayed with columns for Name, Herd Number, Address, County, Mobile, and Client Number. A red arrow points from the search callout to the search input field. On the right side, there is an 'Alerts' section with options for 'Livestock', 'Land', and 'Soil Sample'. Below the alerts, a 'To Search Clients' section provides a numbered list of instructions: 1. Under Clients, select My Clients/Agency Clients; 2. Option to select for Plan Type; 3. Option to Search for client name/herd number; 4. If My Clients selected, all plans assigned to me searched; 5. If Agency Clients selected, all clients associated with your agency searched. A note at the bottom right states: 'Note: Once a client is selected, associated plans and the associated agent displayed'.

Name	Herd Number	Address	County	Mobile	Client Number
Frank and Edward Treacy001	01111101	Kilquane Ballyrossane	Galway		
Frank and Edward Treacy024	01111124	Kilquane Ballyrossane	Galway		
Frank and Edward Treacy090	01111190	Kilquane Ballyrossane	Galway		
Frank and Edward Treacy100	01111100	Kilquane Ballyrossane	Galway		
Gabriel Keating	C1934005	Kilballyowen, Cross, Kilysk, Co. Clare	Clare	353872504833	000121140
Liam Phelan	K1281822	Knockanoran, Durtow, Co. Laois, DCH		353869820499	000034517
Mihail Keating	C1751067	Crogh, Knockabough, Co. Clare	Clare	353890295133	000116772

### 2.1 To search for Clients or Plans

**Search options available:**

- Option to search **My Clients** or **Agency Clients** from the drop down menu;
  - My Clients:** When you choose my clients a list of plans that the user has in progress will appear. The first time you pick this option no clients will appear as no plans have been completed.
  - Agency Clients:** When you choose this option all clients associated with your Agency will appear.
- Option to select **Plan Type** from the drop down menu;
  - This option allows a user to search for a client by a particular plan type e.g. all plan types, derogation or GLAS.
- Option to **Search** for client

- a) Enter the name or herd number in the search box, do not press enter just type it in and wait for the details to appear. “Progressing” may appear as the system searches for data.

**Tabs on the top of the screen:**

**My Clients, Plans assigned to me, Plans Transferred, Plans Received;** these allow the user to search/switch between different plan types.

- a) **Plans assigned to me;** are clients/plans which have been transferred to you by your Agency, but you currently have no plan in progress.
- b) **Plans Transferred;** are plans which you have transferred to another Agent or Agency. For transparency, all plans and versions of plans within an Agency are visible to all Agents associated with that Agency.
- c) **Plans Received;** are plans which have been transferred to you by another Agent/Agency.

**\*Note:**

With Teagasc users all clients are present on the system. All Agencies other than Teagasc must create their own client list, by selecting “Add Client” on the home page, then enter all the client’s details, name, address, herd number etc.

Do not press "New Version" or "Create a copy" before emailing the Help Desk.



### 3. CLIENT HOMEPAGE

#### 3.1 To create a Plan

1. Select the client from the search list.
2. Click **Create Plan**
3. Option to **Create Plan** or **Import From Excel**
4. All mandatory settings must be completed as this will impact on the detail printed in the final NMP and on the maps for the farmer.
5. The **Plan Safety** option when 'Yes' is selected ensures that where the Grassland Stocking rate is near the Nitrates bands that the programme will automatically select the lower available N & P levels for this plan.
6. Click **Next**

The screenshot shows the 'Mandatory Settings' form for creating a plan for Frank and Edward Treacy048. The form contains the following fields:

Field	Value
Year	2017
Herd Number	G1111168
County	Galway
Plan Safety	No
Plan Type	Derogation
Mapping	Yes
Field By Field	Yes

A 'Next >' button is located to the right of the form. A callout box with a red arrow points to the dropdown menus, containing the text: 'Select mandatory settings from the dropdown boxes'.

7. Optional Settings allows for enterprise and plan details to be selected.

Select the Enterprise on the holding, the other 7 options on this page need consideration as these are important features within the plan. If you select 'No', these features will not appear in the plan.

8. Units default to metric measurements. This can be changed in settings at any time.

Click on this symbol at any stage during the plan to change the units

Select the Units/ Measurements that you would like to appear in the plan

9. Click **Create Plan**

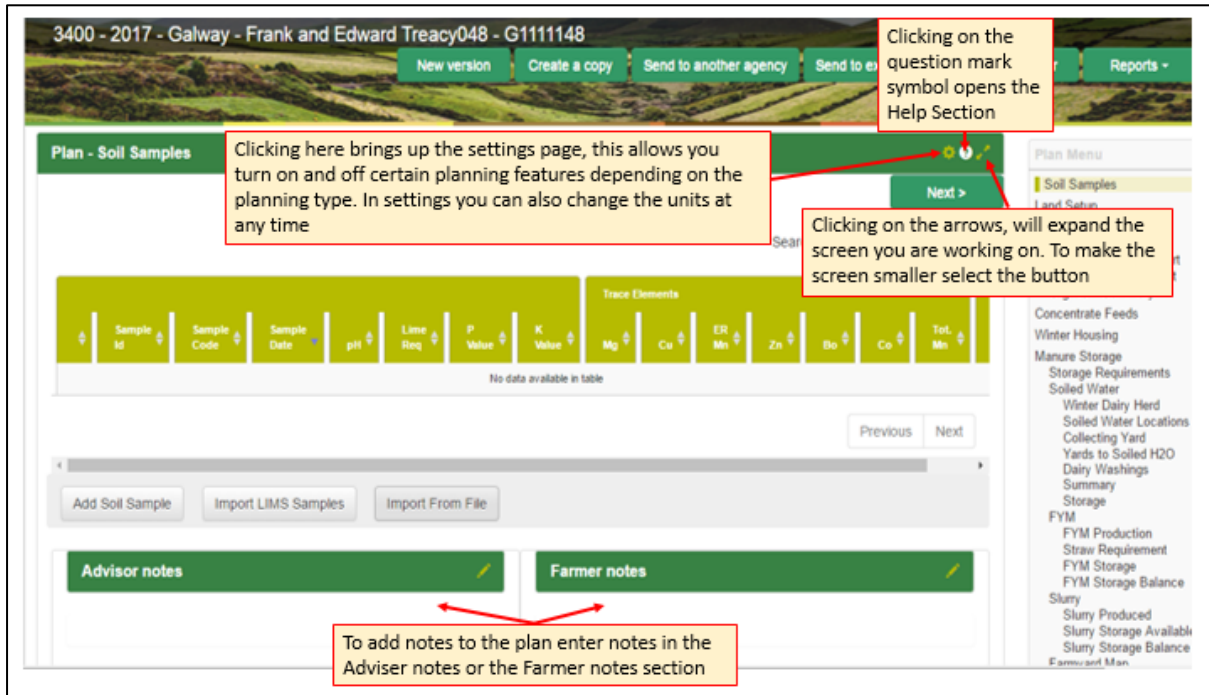
### 3.2 To View Existing Plans

1. Click anywhere on client details to select the latest plan.
2. Click on **versions** to view different versions of this plan in the same year, the latest version is displayed first.
3. Click **Client Details** to view all client details.
4. All available plans for a client are shown on this page. To view a plan, click on a row.
5. If there are different versions of the plan, **versions** will be visible/highlighted and different versions can be viewed by clicking on them.
6. Plans can be filtered by year from the 'Select Year' drop down

The screenshot displays the Teagasc web application interface. At the top, there is a navigation bar with the Teagasc logo and 'Home Admin' links. Below this is a header area with 'A Client - A Name' and a 'Create Plan' button. The main content area features a 'Plans' section with a 'Select year' dropdown menu and a table of plans. The table has columns for Year, Plan ID, Client Name, Agent Name, Agency Code, and Versions. A 'Versions' link is visible in the table. To the right, there is a 'Clients Details' sidebar with fields for Herd Number, Address, County, Landline, and Mobile. Below this is an 'Alerts' section and a 'Create Plan' section with instructions.

Year	Plan ID	Client Name	Agent Name	Agency Code	Versions
2014	100	A Client	John Doe	Teagasc	
2015	101	A Client	John Doe	Teagasc	

The screenshot below is the first screen you will see when you enter the plan, this also shows the facilities which are available during the planning process, these facilities are available on every page of the plan.



## 4. SOIL SAMPLES

### Options to add soil samples

- Check all soil sample data when entered to ensure the correct ppm of P and K are entered.

3400 - 2017 - Galway - Frank and Edward Treacy048 - G1111148

New version Create a copy Send to another agency Send to external entity Map Viewer Reports -

Plan - Soil Samples

Next >

Search:

Sample ID	Sample Code	Sample Date	pH	Lime Req	P Value	K Value	Trace Elements
1	GBK/32	03/03/2015	6.8	0.0	5.4	53.0	Mg 0.0 Ca 0.0 ED Mn 0.0 Zn 0.0 Cu 0.0 Tot. Mo 0.0

Previous 1 Next

Add Soil Sample Import LIMS Samples Import From File

Advisor Options to add soil samples Farmer notes

Plan Menu

- Soil Samples
- Land Setup
- Livestock
  - Animal Numbers
  - Organic Fertiliser import
  - Organic fertiliser export
  - Org N&P Summary
- Concentrate Feeds
- Winter Housing
- Manure Storage
  - Storage Requirements
  - Soiled Water
    - Winter Dairy Herd
    - Soiled Water Locations
    - Collecting Yard
    - Yards to Soiled H2O
    - Dairy Washings
  - Summary
  - Storage
- FYM
  - FYM Production
  - Straw Requirement
  - FYM Storage
  - FYM Storage Balance
- Slurry
  - Slurry Produced
  - Slurry Storage Available
  - Slurry Storage Balance
- Fertiliser Man

### Manually

1. Click **Add Soil Sample**.
2. Enter sample details.
3. Click **Save** or **Save and New** to add additional samples. Each soil sample page is populated with 10 samples, any additional soil samples can be seen by pressing on the 'Next' button and moving onto the next page.

**\*Note:** Make sure to double check soil samples if entered manually.

## From LIMS/Nautilus (Internal Teagasc Users only)

1. Click **Import LIMS Samples**.
2. Search by herd number to locate samples for the client.
3. Click anywhere on the sample to import. The selected samples are highlighted. A sample cannot be selected more than once.
4. Click **Close**

**\*Note:** All soil sample results entered manually and imported from LIMS must be checked to ensure that the data entered/imported is correct.

## Import from File

1. This facility is for use by external labs who have been sent the format and will input the soil sample data into the Excel sheet. This is for ease of input onto the online system
2. Click **Import from File**
3. Select the file you want to import
4. Click **OK**

**\*Note:** Only files in the correct format can be imported and this is shown in Appendix 2.

## Soil Sample Warnings

There are three warnings which may appear on the soils sample page;

1. **Red Flag;** The sample has expired. Soil samples that are out of date can be deleted by selecting the sample and choosing 'Delete' in the pop-up box.
2. **Yellow Flag;** The sample is going to expire during the year.
3. **Orange Flag;** The sample is going to expire during the next year.
4. **Green Flag;** The sample is in date.

Warning! Plan has Expired Soil Samples  
 Warning! Plan has Expired Soil Samples attached to land.

Plan - Soil Samples

Next >

Search:

Sample Code	Field Name	Sample	Lime	P Value	K Value	Trace Elements							Tot. Mo	S	T		
						Mg	Ca	ER Mo	Zn	Ba	Cu	Mo					
GBK43				12.5	245.0												Loi
GBK44				5.6	69.0												Loi
GBK33				4.6	56.0												Loi
GBK45				19.7	247.0												Loi
GBK32				5.4	53.0												Loi

Red Flag-The sample has expired

Yellow Flag-The sample is going to expire during the year

Red Flag-The sample has expired

Previous 1 2 Next

[Add Soil Sample](#)
[Import LIMS Samples](#)
[Import From File](#)

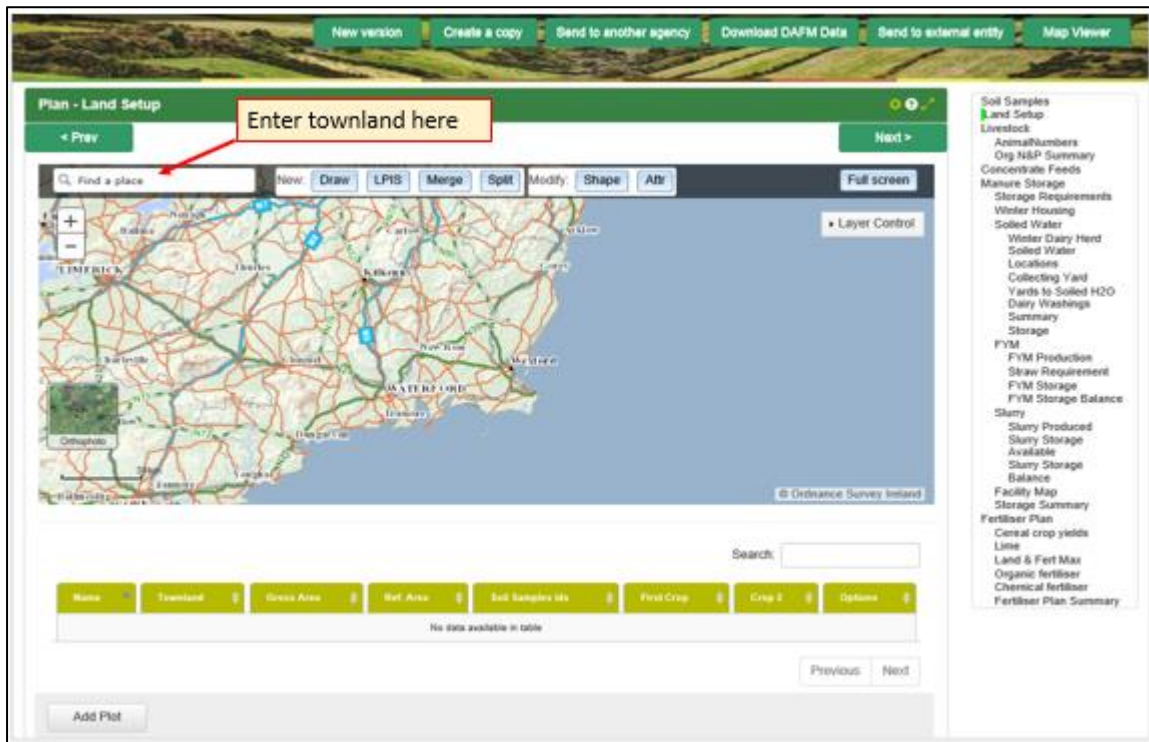
- Plan Menu
- Soil Samples
  - Land Setup
  - Livestock
    - Animal Numbers
    - Organic fertiliser export
    - Org N&P Summary
  - Concentrate Feeds
  - Winter Housing
  - Manure Storage
    - Storage Requirements
    - Soiled Water
      - Winter Dairy Herd
      - Soiled Water Locations
      - Collecting Yard
      - Yards to Soiled H2O
    - Dairy Washings
    - Summary
    - Storage
  - FYM
    - FYM Production
    - Straw Requirement
    - FYM Storage
    - FYM Storage Balance
  - Slurry
    - Slurry Produced
    - Slurry Storage
    - Available
    - Slurry Storage Balance
    - Farmyard Map

## 5. LAND SET-UP

Find the farm that you require on the map, you can do this by searching by townland in the search bar (see screenshot below).

**Layer Control Tab** - Gives the user the ability to turn on and off parcels, exclusions and plots on the map.

1. **Parcels:** This shows you all the LPIS parcels in the country which are taken from the BPS data and all are identified on the map, you can turn these on and off. Currently based on 2014 BPS parcel boundaries.
2. **Exclusions:** These are all the exclusion zones taken from BPS (red lined areas), and you can also turn these on and off.
3. **Plots:** These are the client's individual plots, these will not appear on the map until you have assigned a certain area "Plot" to the map.





## 5.1 Land set-up when a plan is prepared from scratch

When the plan is being created from scratch you need to manually create the plots and assign them to the map, there are two ways to do this;

1. Click **Draw** over the 3map (See above) and draw in the plot, you will then be prompted to enter the land details.
2. Click add plot on the bottom of the page and enter plot details, then select **Draw** to assign it to the map.

The screenshot displays the 'Plan - Land Setup' web application. At the top, there are navigation buttons: 'New version', 'Create a copy', 'Send to another agency', 'Download DAFM Data', 'Send to external entity', and 'Map Viewer'. Below this is a green header with '< Prev' and 'Next >'. The main area features a map of Ireland with a search bar and a toolbar containing 'New', 'Draw', 'LPIS', 'Merge', 'Split', 'Modify', 'Shape', and 'Attr'. A red arrow points to the 'Draw' button, with a yellow callout box stating 'Click the draw button here and enter plot details as you go'. Below the map is a search bar and a table with columns: 'Name', 'Townland', 'Gross Area', 'Ref. Area', 'Soil Samples No.', 'First Crop', 'Crop 2', and 'Options'. The table is currently empty, with the text 'No data available in table' below it. At the bottom left, there is an 'Add Plot' button with a red arrow pointing to it and a yellow callout box stating 'Adding all plots manually'. On the right side, there is a vertical list of data categories including 'Soil Samples', 'Land Setup', 'Livestock', 'Animal Numbers', 'Org NISP Summary', 'Concentrate Feeds', 'Manure Storage', 'Storage Requirements', 'Winter Housing', 'Soiled Water', 'Winter Dairy Herd', 'Soiled Water Locations', 'Collecting Yard', 'Yards to Soiled H2O', 'Dairy Washings Summary', 'Storage', 'FYM', 'FYM Production', 'Straw Requirement', 'FYM Storage', 'FYM Storage Balance', 'Slurry', 'Slurry Produced', 'Slurry Storage Available', 'Slurry Storage Balance', 'Facility Map', 'Storage Summary', 'Fertiliser Plan', 'Cereals crop yields', 'Lime', 'Land & Fert Max', 'Organic fertiliser', 'Chemical fertiliser', and 'Fertiliser Plan Summary'.

## 5.2 Land set-up when a plan has been imported from Excel

When a plan has been imported from Excel, a list of the plots from that Excel plan will appear on the bottom of the Land Set-up screen, you will work from this list to assign each plot/field to the map. [\* **Note:** Further details on how to prepare Excel files for upload to NMP are given in the Appendix 2]

This is how the land set-up page appears when a plan is imported from Excel

Name	Townland	Gross Area	Net Area	Soil Sample's ID	First Crop	Crop 2	Options
1	-	2.8	2.8	NAX/441(2015)	1 Cut + Grazing		Draw LPIS
10		4.2	4.2	NAX/436(2015)	Grazing		Draw LPIS
11	Cult	5.8	5.8	NAX/437(2015)	Grazing		Draw LPIS
12	-	1.3	1.3	NAX/432(2015)	Grazing		Draw LPIS

Click on draw if there are multiple plots within one parcel

Click on LPIS if one plot is to be assigned to one parcel

Choose from the list of plots either **Draw** (use where multiple plots within parcel) or **LPIS** (where one LPIS parcel is one whole plot)

**LPIS** as a whole plot;

1. Click **LPIS** and search the map for the required parcels.
2. **Left click** to highlight the plot.
3. Click **Confirm**.
4. Click **Save**

To **Draw** plots;

1. Click **Draw** and draw a plot on map.
2. **Double click** to close the polygon.
3. Add **soil samples** if desired.
4. Click **Save**

### **5.2.1** *To manually draw one plot and to draw a parcel with multiple plots*

**a) To Use existing LPIS boundaries as the plot** (Where one parcel is one plot)

1. Click **LPIS** and search the map for the required parcels.
2. **Left click** to highlight the plot.
3. Click **Confirm**.
4. Enter the **parcel details** and the crop type.
5. Add the **soil samples** if desired.
6. Click **Save**

**b) To manually draw one parcel with multiple plots** where a large LPIS has several soil samples

1. Click **Draw** and draw the plot on the map.
2. **Double click** to close the polygon.
3. Enter the **parcel details** and crop type.
4. Add the **soil samples** if desired.
5. Click **Save**

**\*Note:** There is no indication of the parcel size when drawing. The parcel size can be added manually.

**The following are a list of options available once the plots are drawn**

a) To **Split** parcels (this does not apply to plots).

1. Click **Split** to divide a parcel into one or more divisions.
2. Click on the polygon to split and draw the dividing line that you require. This dividing line is only to be drawn from boundary to boundary across the existing polygon. Start and finish on a boundary and no need to follow the existing boundaries.
3. If you make an error in drawing double click to escape.
4. **Double click** to close the polygon and add parcel details, e.g. details for 'Split A' and 'Split B'.
5. Click **Save**

b) To **Merge** parcels (this does not apply to plots already drawn)

1. Click **Merge** to merge two or more parcels.
2. Click on parcels to merge and click **Confirm**.

c) To change a parcel **Shape**

1. Click **Shape**.
2. **Double click** the required parcel and move the points to the desired location.
3. **Double click** to close and confirm the parcel details.

**\*Note:** Only use the shape button for tiny modifications to plots because when a field is re-shaped, areas of the plots don't change, please check the field areas against the BPS maps.

d) To view parcel details from map

1. Click **Attr** and select required parcel.
2. **Save** or **edit** details as required.

**\*Note:** The button **Zoom To** appears in the plots table, when a plot has been drawn on the map, details assigned and saved. Clicking centres the map and highlights the parcel.

**Download DAFM Data** to select LPIS plots from DAFM BPS submissions. This function is not currently available due to a delay in accessing DAFM ata.

## 6. LIVESTOCK

### 6.1. Animal Numbers

#### Options to add Livestock

- To add Livestock numbers manually;
  - Click **Add Livestock**.
  - Enter stock details in drop down.
  - Click **Save**
- To **edit/delete**, click on animal type, change details and **Save** or **Delete** as appropriate.
- Total N and P for animal type and numbers populate automatically.
- There is an option to add advisor notes and farmer notes at the bottom of the page.

**\*Note:** If the plan is imported from Excel, the animal numbers in the Excel file will automatically will carry into the NMP package.

**Livestock - AnimalNumbers**

< Prev Next >

Average Stock Numbers for the Year - Grazing Livestock

Search:

Animal	No. Animals	Nitrosd	N Total	P Total	P Total
Dairy cow	90	7650	13	1178	
Cattle (1-2 year old)	70	3990	8	560	
Cattle (1-2 year old)	0	57	0	0	
Cattle (0-1 year old)	65	1500	3	195	

Previous 1 Next

Add Live Stock

Soil Samples  
Land Setup  
Livestock  
AnimalNumbers  
Organic Fertiliser import  
Organic fertiliser export  
Org N&P Summary  
Concentrate Feeds  
Manure Storage  
Storage Requirements  
Winter Housing  
Soiled Water  
Winter Dairy Herd  
Soiled Water  
Locations  
Collecting Yard  
Yards to Soiled H2O  
Dairy Washings  
Summary  
Storage  
FYM  
FYM Production  
Straw Requirement  
FYM Storage  
FYM Storage Balance  
Slurry  
Slurry Produced  
Slurry Storage  
Available

- Download DAFM Data** to enter numbers from the DAFM AIMS system. Not currently available.

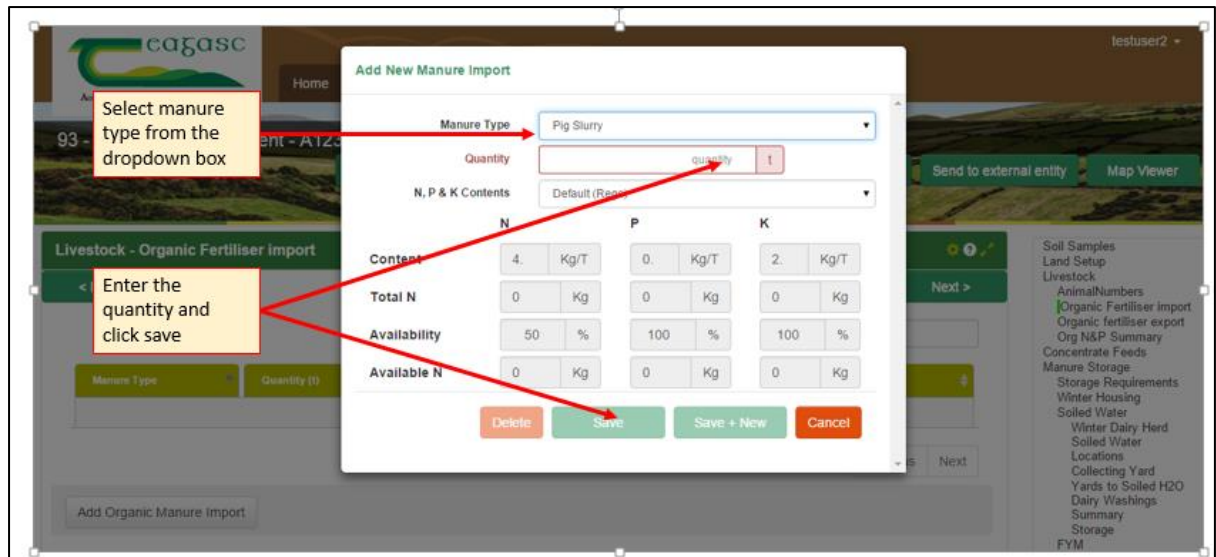
## 6.2. Organic Fertiliser Import

1. Click **Add Organic Manure Import**.
2. Click **Manure Type** and select from the drop down box.
3. Enter **Quantity** and select **Default (Nitrates Regulations)** for N, P & K contents or **Certified Lab Analysis** if available.
4. Total N, P & K contents are calculated automatically once Default (Regulations) is selected. This can also be changed to show certified analysis, i.e. **Other (Cert. Analysis)**.
5. Click **Save**

\* Organic manures such as paunch, dairy and sewage sludge and bio-solid can be classified as

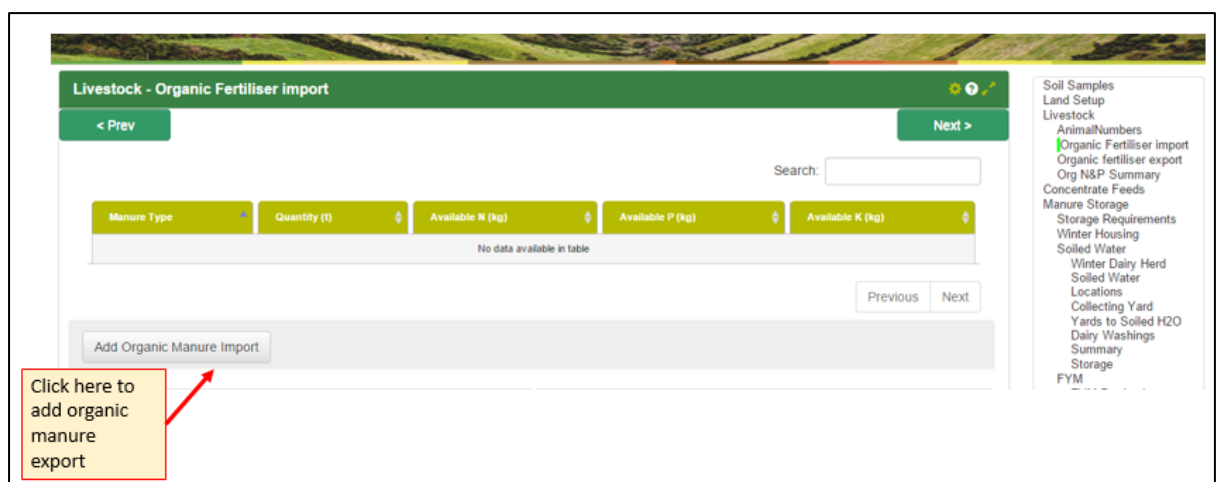
**Custom Non-Animal.**

Click here to add organic manure import



### 6.3. Organic Fertiliser Export

1. Click **Add Organic Manure Export**.
2. Click **Manure Type** and select from the drop down box.
3. Enter the **Quantity** and select **Default (Nitrates Regulations)** for N, P & K contents or **Certified Lab Analysis** if available.
4. Total N, P & K contents are calculated automatically once Default (Regulations) is selected. This can also be changed to show certified analysis, i.e. **Other (Cert. Analysis)**.
5. Click **Save**





## 6.4. Organic N and P Summary

1. This is a summary of Total N and P produced by grazing and non-grazing livestock on the holding.
2. Figures for projected imports and exports are also shown, if entered in previous sections.
3. The Total N and P to be applied from Livestock on the holding (kg) is also presented.
4. Check that the correct figures under Animal Breakdown are correct.

**\*Note:** This is an information page only. No data is entered into this page.

This page is a summary of N & P produced on the holding

Livestock - Org N&P Summary
< Prev
Next >

Total Nitrogen and Phosphate produced

Animal	No. Animals	N/head	N Total	P/head	P Total
Daity cow	90	85	7650	13	1170
Cattle (1-2 year old)	70	57	3990	8	560
Cattle (1-2 year old)	0	57	0	8	0
Cattle (0-1 year old)	65	24	1560	3	195
		Total N	13200	Total P	1925

Animal Breakdown

Animal Category	N Total	P Total
Grazing	13200	1925
Non-Grazing	0	0

- Soil Samples
- Land Setup
- Livestock
- AnimalNumbers
- Organic Fertiliser import
- Organic fertiliser export
- Org N&P Summary
- Concentrate Feeds
- Manure Storage
- Storage Requirements
- Winter Housing
- Soiled Water
- Winter Dairy Herd
- Soiled Water
- Locations
- Collecting Yard
- Yards to Soiled H2O
- Dairy Washings
- Summary
- Storage
- FYM
- FYM Production
- Straw Requirement
- FYM Storage
- FYM Storage Balance
- Slurry
- Slurry Produced
- Slurry Storage
- Available
- Slurry Storage
- Balance
- Facility Map
- Storage Summary
- Fertiliser Plan
- Cereal crop yields
- Lime
- Land & Fert Max
- Organic fertiliser

By scrolling down you can also see the projected N & P imports and exports

## 7. CONCENTRATE FEEDS

1. Select the **Accounting Method**, i.e. Straight Feed Accounting Method and/ or Compound Feed Accounting Method.
2. Choose either **default value**, **book value** (Straight Feed Accounting Method) or **bag value** (Compound Feed Accounting Method).
3. Enter the previous year's total Organic N and **Apply**
4. Click **Add Feed**.
5. Select **Feed Type** (Straight or Compound) from the drop down list and enter feed details.
6. Click **Save**
7. To edit/delete, click on feed type, change type/quantity and **Save** or **Delete** as appropriate.

**Plan - Concentrate Feeds**

< Prev Next >

Straight Feed Accounting Method

Compound Feed Accounting Method

Enter last years Org N and click apply

Last Year Organic N  kg

Total P Fed to Grazing Livestock  kg

Total P to be discounted  kg

Net P contributing to Available Allowance  kg

Search:

Name	Quantity	P Content Data Source	P Content	Total P
Compound Ration (Default P 5 kg/t)	200	Default(5kg)	5	1000
	200			

Previous **1** Next

To edit or delete click on feed name

Soil Samples  
Land Setup  
Livestock  
Animal Numbers  
Organic Fertiliser import  
Organic fertiliser export  
Org N&P Summary  
Concentrate Feeds  
Manure Storage  
Storage Requirements  
Winter Housing  
Soiled Water  
Winter Dairy Herd  
Soiled Water  
Locations  
Collecting Yard  
Yards to Soiled H2O  
Dairy Washings  
Summary  
Storage  
FYM  
FYM Production  
Straw Requirement  
FYM Storage  
FYM Storage Balance  
Slurry  
Slurry Produced  
Slurry Storage  
Available  
Slurry Storage  
Balance  
Facility Map  
Storage Summary  
Fertiliser Plan  
Cereal crop yields  
Lime  
Land & Fert Max  
Organic fertiliser

## 8. WINTER HOUSING

1. Livestock type, total animals and total over winter have already been added from **Livestock – Animal Numbers**.

**\*Note:** Animal numbers cannot be changed in this section, see **Livestock – Animal Numbers Section 6.1**.

The screenshot displays the 'Plan - Winter Housing' interface. At the top, there is a green header with the title 'Plan - Winter Housing' and navigation buttons '< Prey' and 'Next >'. Below the header, the section is titled 'Livestock Winter Housing Numbers'. A table lists various animal types with columns for 'Animal', 'Total Animals', 'Animals Over Winter', 'No. Animals Out Wintering', 'On FYM', 'Straw Usage', and 'On Slurry'. Below the table are two green buttons: 'Advisor notes' and 'Farmer notes'. On the right side, there is a 'Plan Menu' sidebar with a list of navigation options, including 'Winter Housing' which is currently selected.

Animal	Total Animals	Animals Over Winter	No. Animals Out Wintering	On FYM	Straw Usage	On Slurry
Cattle > 2 years	13	13	3	10	L	0
Cattle (18-24 months old)	30	30	0	10	M	20
Cattle (6-12 months old)	40	40	0	2	H	38
Lowland ewe	1	1	0	0		0

2. Click anywhere on animals and add details in drop down of where the animals are for the winter (Out-Wintered, Slurry or FYM)
3. Click anywhere on animals and add details in drop down.
4. There is also a section for advisor notes and farmer notes.
5. Click **OK**

**Teagasc**  
AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

Home

3332 - 2015 - Galway - Anthony H

**Warning!** Not all over-winter animals housed

**Plan - Winter Housing**

< Prev

**Livestock Winter Housing Numbers**

Animal					
Cattle > 2 years					
Cattle (18-24 months old)	30	30	0	10	M
Cattle (6-12 months old)	40	40	0	2	H
Lowland ewe	1	1	0	0	

**Advisor notes**

**Farmer notes**

**Livestock Winter Housing**

Live Stock type: Cattle > 2 years

Total Animals: 13

Animals Overwinter: 13

Num Out Wintered:

Num on FYM:

Straw Usage:

Num on Slurry:

## 9. MANURE STORAGE

### 9.1 Storage Requirements

1. The county is pre-populated automatically from the entry in 'General Settings' in 'Plan Settings'.
2. The weekly rainfall and the default storage period are automatically calculated.
3. The Custom Storage Period (weeks), can be changed to account for a longer housing period.

**\*Note:** The Custom Storage Period figure can be less than the default but storage is required for the minimum storage period.

4. If soiled water is present, select the method of application.

**\*Note:** Tanks built after 1/1/15 require 15 days storage instead of 10.

5. Click **Save** if any changes made on this page.

**Manure Storage - Storage Requirements**

< Prev Next >

Storage Requirements

County: Galway

Weekly Rainfall: 34 mm/week

Default Storage Period: 18 weeks

Custom Storage Period: 0 weeks  
(If different from above.)

SW storage tanks built after 1 Jan 2015?   
(This affects the legislated required storage period.)

Soiled Water method of application: [Dropdown]

Save Cancel

Farmer notes

**Callout 1:** Add a custom storage period if required where 20% of the holding is in another Zone. Tick the box below if the storage tank is built after the 1/1/15. Enter the method of soiled water application.

**Callout 2:** Once the tasks are completed on this page, click Save.

**Plan Menu:** Soil Samples, Land Setup, Livestock, Animal Numbers, Organic Fertiliser import, Fertiliser export, Fertiliser, Fertiliser elements, Fertiliser locations, Fertiliser H2O, Fertiliser s, Fertiliser n, Fertiliser ment, FYM Storage, FYM Storage Balance, Slurry, Slurry Produced, Slurry Storage Available, Slurry Storage Balance, Farmyard Map, Storage Summary, Fertiliser Plan, Cereal crop yields, Lime, Land & Fert Max, Organic fertiliser, Chemical fertiliser.

## 9.2 Soiled Water

### 9.2.1 Winter Dairy Herd

1. Enter the details of **average number of cows and maximum number of cows** to be milked during the closed period.
2. If a **dry period**, click the box ('Is there a period during which all cows are dry') and enter the Date of Final Milking (Autumn) and Date of first milking (Spring). Use the calendar symbol on right hand side.
3. The Days milking during closed period automatically populates.
4. There is also a section for advisor notes and farmer notes.
5. Click **Ok**
6. Click **Next >**

**Soiled Water - Winter Dairy Herd**

< Prev Next >

Soiled Water: Winter Dairy Herd

Winter Herd Management: (For the period between 15 October and 30 April)

Average No of cows to be milked: 20 cows

Max No of cows milked at any time: 35 cows

Is there a period during which all cows are dry?

Date of Final Milking (Autumn):

Date of First milking (Spring):

Days Milking During Closed Period: 0 days

Save Cancel

Advisor notes

Farmer notes

Plan Menu

- Soil Samples
- Land Setup
- Livestock
  - Animal Numbers
  - Organic Fertiliser import
  - Organic fertiliser export
  - Org N&P Summary
- Concentrate Feeds
- Winter Housing
- Manure Storage
  - Storage Requirements
  - Soiled Water
- FYM Production
  - Straw Requirement
  - FYM Storage
  - FYM Storage Balance
- Slurry
  - Slurry Produced
  - Slurry Storage
  - Available
  - Slurry Storage Balance
- Farmyard Map
- Storage Summary
- Fertiliser Plan
  - Cereal crop yields
  - Lime
  - Land & Fert Max
  - Organic fertiliser
  - Chemical fertiliser

## 9.2.2 Soiled Water Locations

1. Enter the location of where the soiled water from the Dairy and Parlour is stored from the drop down list. "Stored with Slurry or Stored in a Separate Soiled Water Tank"
2. If the collecting yard is washed after each milking tick the box and select where it's stored from the drop down list.

**\*Note:** Storage period, cows and water produced are calculated from data entered on previous screen.

3. Click **OK**

**\*Note:** This is just for the collecting yard. Dirty yards are located under the **Slurry Produced** section.

4. Click **Next >**

**Soiled Water - Soiled Water Locations**

< Prev Next >

**Soiled Water: Soiled Water Storage Facilities**

**Destination of Water from Dairy and Parlour**

Soiled water produced in the dairy and parlour storing method: Stored in a separate Soiled Water Tank

Storage Period: 78 days

No. Cows: 26 cows

Litres / cow / day: 26.0 litres

Total Water from dairy & parlour: 6.8 m<sup>3</sup>

**Destination of Collecting Yard Washings**

Is the Collecting Yard washed after each milking?

Soiled water produced in the collecting yard storing method: Stored with Slurry

Storage Period: 126 days

No. Cows: 26 cows

Litres / cow / day: 0.0 litres

Total Water from washing Collecting Yard: 0.0 m<sup>3</sup>

Save Cancel

Select the storage method by clicking the drop down. If the collecting yard is washed, tick the box

## 9.2.3 Collecting Yard

1. Click **Add Soiled Water Area**
2. Enter the yard name and details in the drop down list.
3. It is very important to label the facilities from Section 9.2.3 to 9.4.2 as Yard 1 or Tank 2 or Loose Shed 3, for example.
4. Click **Save**
5. There is also a section to add advisor notes and farmer notes.
6. Click **Next >**

**\*Note:** This is only for yards designated as soiled water. Dirty yards (where manures/rainfall produced is stored with slurry) are entered in section **Slurry Produced**.

Enter details of yard

Soiled Water - Collecting Yard

< Prev

Collecting Yard

Areas of any Unroofed Collecting Yard(s)

Total Storage Required for Ra

Add Soiled Water Area

Rectangular Areas

Yard	Width (m)	Length (m)	Area (m2)
Front Yard	15.0	10.0	150.0

Circular Areas

Yard	Diameter (m)	Area (m2)
No data available in table		

Save Save + New Cancel

Next >

Plan Menu

- Soil Samples
- Land Setup
- Livestock
  - Animal Numbers
  - Organic fertiliser export
  - Org N&P Summary
- Concentrate Feeds
- Winter Housing
- Manure Storage
  - Storage Requirements
  - Soiled Water
    - Soiled Water Locations
    - Collecting Yard
    - Yards to Soiled H2O
    - Dairy Washings
    - Summary
    - Storage
- FYM
  - FYM Production
  - Straw Requirement
  - FYM Storage
  - FYM Storage Balance
- Slurry
  - Slurry Produced
  - Slurry Storage Available
  - Slurry Storage Balance
- Farmyard Map
- Storage Summary
- Fertiliser Plan
  - Cereal crop yields
  - Lime
  - Land & Fert Max
  - Organic fertiliser
  - Chemical fertiliser
  - Fertiliser Plan Summary
  - Fertility Summary



## 9.2.4 Yards to Soiled H<sub>2</sub>O

1. This is for soiled water yards such as vegetable washings, machinery washing, etc.
2. Click **Add Soiled Water Area**
3. Enter the yard name and details in the drop down list.
4. Click **Save**
5. Click **Next >**

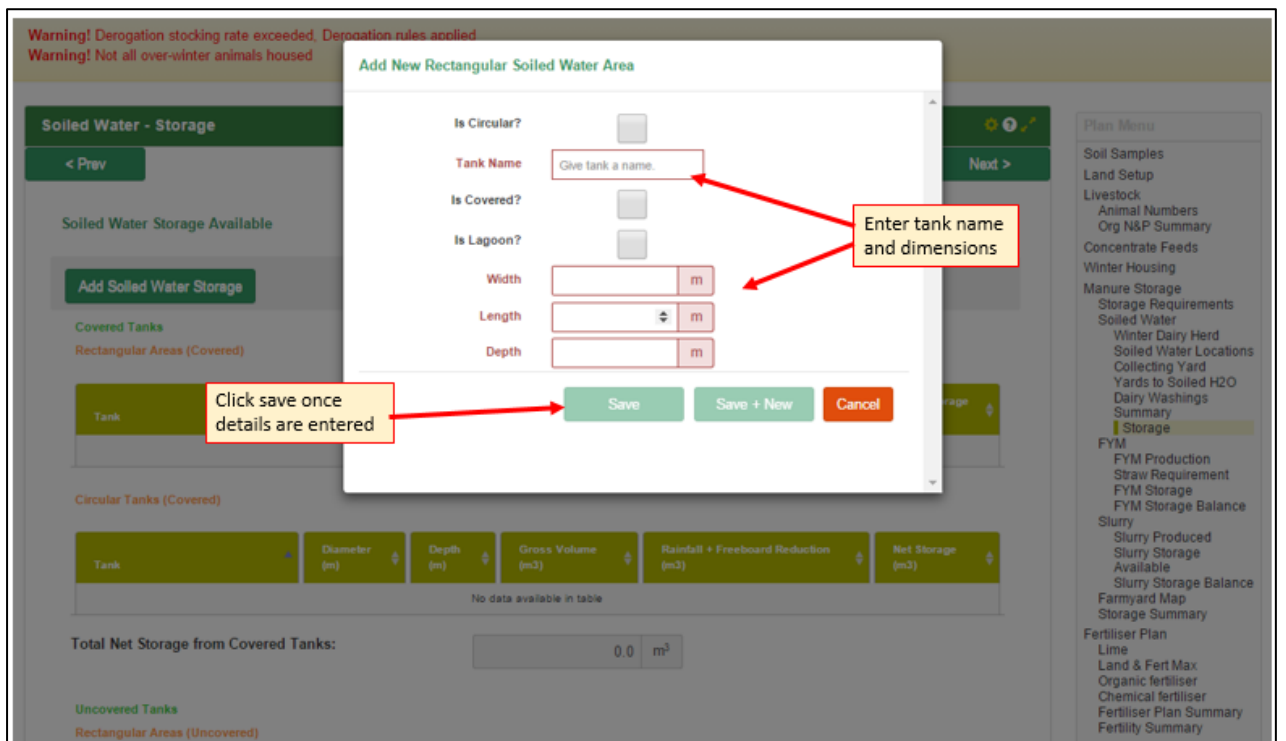
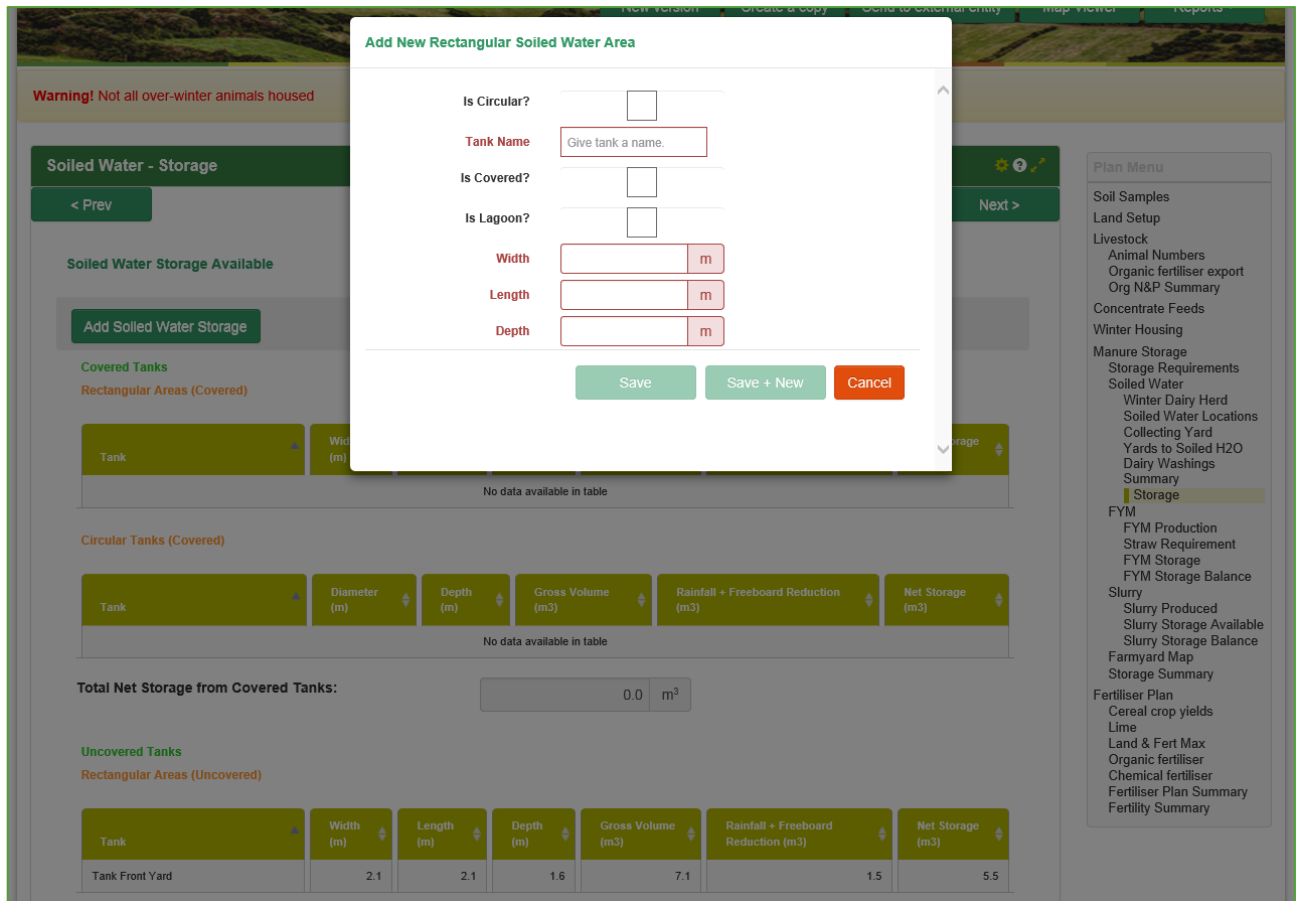
## 9.2.5 Dairy Washings Summary

1. This is a summary page showing the soiled water produced and available storage and storage balance on the holding.
2. Click **Next >**

**\*Note:** This is an information page only. No data is entered here and the data shown on this page can be edited in previous sections.

## 9.2.6 Storage

1. To add soiled water storage tanks click **Add Soiled Water Storage**
2. Enter the tank name and details.
3. Click **Save** The storage summary is given at bottom of page.
4. Click **Next >**



## 9.3 FYM

### 9.3.1 FYM Production

1. This section is populated from data entered in section **Manure Storage – Winter Housing**. To edit the details see this section.
2. Click [Next >](#)

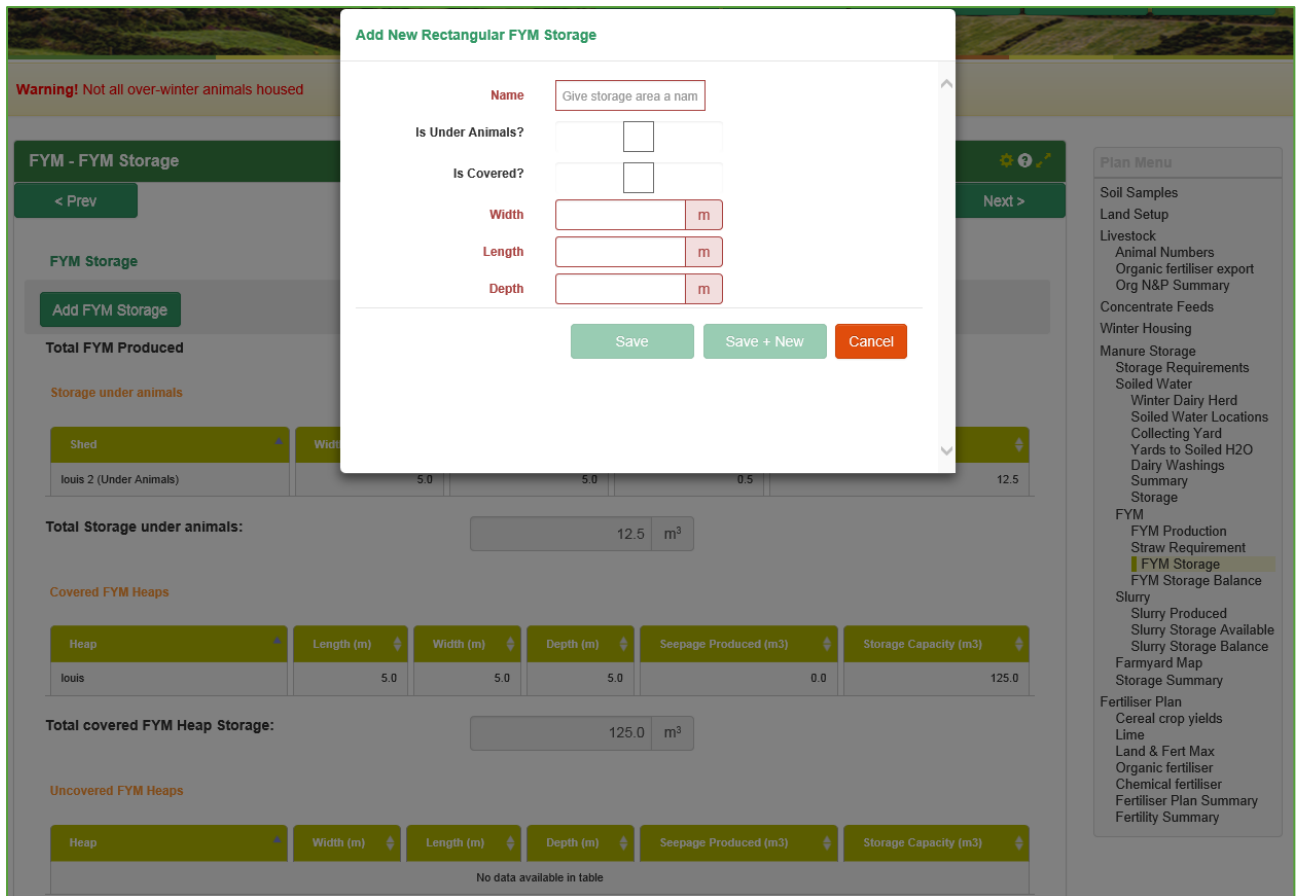
**\*Note:** This is an information page only. No data is entered here.

### 9.3.2 Straw Requirement

1. Enter the **Bale Type** from the drop down menu.
2. The average bale weight and estimated number of bales required is automatically calculated.
3. Click [Next >](#)

### 9.3.3 FYM Storage

1. Click Add FYM Storage and enter details in the drop down box.
2. ‘Under Animals’ if ticked applies to FYM bedded/Loose shed.
3. ‘Is covered’ if ticked applies to roofed FYM stores.



1. Click **Save**
2. Click **Next >**

**\*Note:** The **Total FYM Produced** box is populated from the **FYM Production** section.

### 9.3.4 FYM Storage Balance

1. This is a summary of Seepage Produced, FYM Produced, FYM Storage Available and FYM Storage Balance
2. Click **Next >**

**\*Note:** This is an information page only, no data is entered here.

## 9.4 Slurry

### 9.4.1 Slurry Produced

1. **Slurry Produced from Animals** is populated from data entered in the Winter Housing section. Details can be edited in the Winter Housing (Section 8) if necessary.
2. Click **Add Dirty Yard** and enter the details in drop down box where slurry and rainfall from dirty yards are stored in slurry tanks.
3. Click **Save**
4. Storage required;
  - a. **From FYM Seepage** is populated from the FYM Production Section and takes into account FYM seepage that is classed as slurry.
  - b. **From Dairy Washings** is populated from the Soiled Water Location Section if the option of storing with slurry is selected.

**\*Note:** This data cannot be edited from this section. Edit from the input section.

5. Click **Next >**

### 9.4.2 Slurry Storage Available

1. Click **Add Slurry Storage** and enter tank name and details in drop down box.
2. Click **Save**
3. Click **Next >**

### 9.4.3 Slurry Storage Balance

1. This is a summary page of the Slurry Produced, Storage Available and Storage Balance.
2. Click **Next >**

**\*Note:** This is a summary page only. No data can be entered here. To edit see the input section.

## 9.5 Farmyard Map

1. **Unmapped facilities** can be added to farm buildings on the map. Facilities that have been inputted from sections 9.2.3 to 9.4.3 will appear as “unmapped Facilities” when you get to this section.
2. Zoom into the map (not orthophotograph) to locate the farmyard.
3. Left click and hold on the required facility and drag it to the required location on the map.
4. To move a facility, click once on the facility it will turn red click, hold and drag to required location.
5. You can only delete a facility by going back to where it was added between sections 9.2.3 to 9.4.3
6. Can also add a feature (tree, well, or structure) and when you click on the map these will drop onto the map and you can highlight these to move or delete them
7. Click **Next >**

**\*Note:** The facilities cannot be deleted.

## 9.6 Storage Summary

1. This is a summary page for FYM, slurry and soiled water storage capacity

**\*Note:** This is a summary page only. No data can be entered here. To edit see the input section.

## 10 FERTILISER PLAN

### 10.1 Cereal Crop Yields

1. Click **Add Crop Transaction**.
2. Enter **Crop, Year, Total Weight** (t) for harvested crop and **Moisture Content** (%).
3. Click **Save**, a table showing the crop type, Area (ha), Total Weight (t) and Yield (t/ha) will appear.
4. Under the Area (ha) enter the area of the field.
5. The cropping details can be altered by clicking on any column.
6. Click **Ok**
7. Click **Next >**

### 10.2 Lime

1. Lime required from soil sample results are given.
2. Click under **Advised Lime** to add recommended lime application to particular years.
3. Click **Ok**
4. Click **Save**.

The screenshot displays the 'Fertiliser Plan - Lime' interface. On the left, a table titled 'Lime Requirements' lists plots and their areas. A central dialog box, 'Add Lime To Plot', is open, showing input fields for 'Plot Name' (big field (Split a)), 'Soil Sample pH' (6.8), and 'Soil Sample Lime Req' (0.0). Below these are four rows for 'Lime Advised' for the years 2015, 2016, 2017, and 2018, each with a value of 0.0 T/Ha. The dialog has 'OK' and 'Cancel' buttons. The background interface includes a 'Plan Menu' on the right with various options like 'Soil Samples', 'Livestock', and 'Fertiliser Plan'. At the bottom, there are 'Advisor notes' and 'Farmer notes' sections.

Plot Name	Area(Ha)
big field (Split a)	7.9
big field (Split b)	8.2
Far field	4.5
small field	3.8
wet field	4.0

Year	Lime Advised (T/Ha)
2015	0.0
2016	0.0
2017	0.0
2018	0.0

### 10.3 Fertiliser Plan - Land and Fert Max

1. This is a summary page of total cropping area, N & P index and total fertiliser allowed.
2. Click **Next >**

**\*Note:** This is a summary page only. No data can be entered here. To edit see the input section.

### 10.4 Organic Fertiliser

1. Plots added in the Land Set-up Section will be shown in table on screen.
2. Nutrient advice is given for each plot/crop based on the Teagasc Green book.
3. Nutrient applied shows what nutrients have been applied in organic and chemical fertiliser.
4. Nutrient balance shows the difference between Nutrient advice and Nutrients applied.
5. Click **+** to add Organic Fertiliser Type.
6. Select **Crop**, **N Index** and **P Index** to highlight the crops with the relevant N index and the lowest P index to target organic manures.
7. Add the quantity to be applied to each plot.

**\*Note:** Units can be changed in Plan Settings at the top of the page

8. Nutrients Applied, Advice and Balance are shown in the table to the right of the screen.
9. Applied Fertiliser are shown in **Allocated Fertilisers**
10. Click **Save**.
11. Click **Next >**



There are three way to sort the plots they are by crop type, N index and P index

Select the organic fertiliser type you are using from the dropdown here

Always click save after allocating your organic manure, failure to do so will result in the information being lost

## 10.5 Chemical Fertiliser

1. Select **Crop**, **N Index** and **P Index**.
2. Plots added in the Land Set-up Section will be shown in table on screen.
3. Nutrient advice is given for each plot/crop.
4. Click **+** to add Fertiliser Type.
5. Add the quantity to be applied to each plot.
  - \***Note:** Units can be changed in Plan Settings at the top of the page.
6. Nutrients Applied, Advice and Balance are shown in the table to the right of the screen.
7. Applied Fertiliser shown in **Allocated Fertilisers**
8. New fertiliser types are added under **Add Fertiliser**, enter N, P and K values.
9. Click **Save**.
10. Click **Next >**

There are three ways to sort the plots they are by crop type, N index and P index

Always click save after allocating your chemical fertiliser, failure to do so will result in the information being lost

Select the chemical fertiliser type you are using from the dropdown here

Nutrients Applied (Kg/ha)			Nutrients Advice (Kg/ha)			Nutrients Balance (Kg/ha)			Chemical Fertilisers	Plot(Ha)	Crop
N	P	K	N	P	K	N	P	K			
0	0	0	40	4	0	40	4	0	1	11,(1.9)	Graz
0	0	0	40	0	0	40	0	0		12(2.1)	Graz
0	0	0	40	0	0	40	0	0		7(3.8)	Graz
0	0	0	40	0	0	40	0	0		5(3.8)	Graz
0	0	0	120	25	100	120	25	100		3(5.1)	Wint
0	0	0	225	34	200	225	34	200		1(7.0)	2 Cu
0	0	0	225	44	200	225	44	200		2(8.0)	2 Cu
0	0	0	40	4	0	40	4	0		15(16.7)	Graz

- Ensure to keep under the GLAS area based action limits such as GLAS Low Input Permanent Pasture of 40 kg N/ha.

## 10.6 Fertiliser Plan Summary

The Fertiliser Plan Summary gives a summary of fertilisers applied to the holding.

**\*Note:** This is a summary page only. No data can be entered here. To edit see the input section.

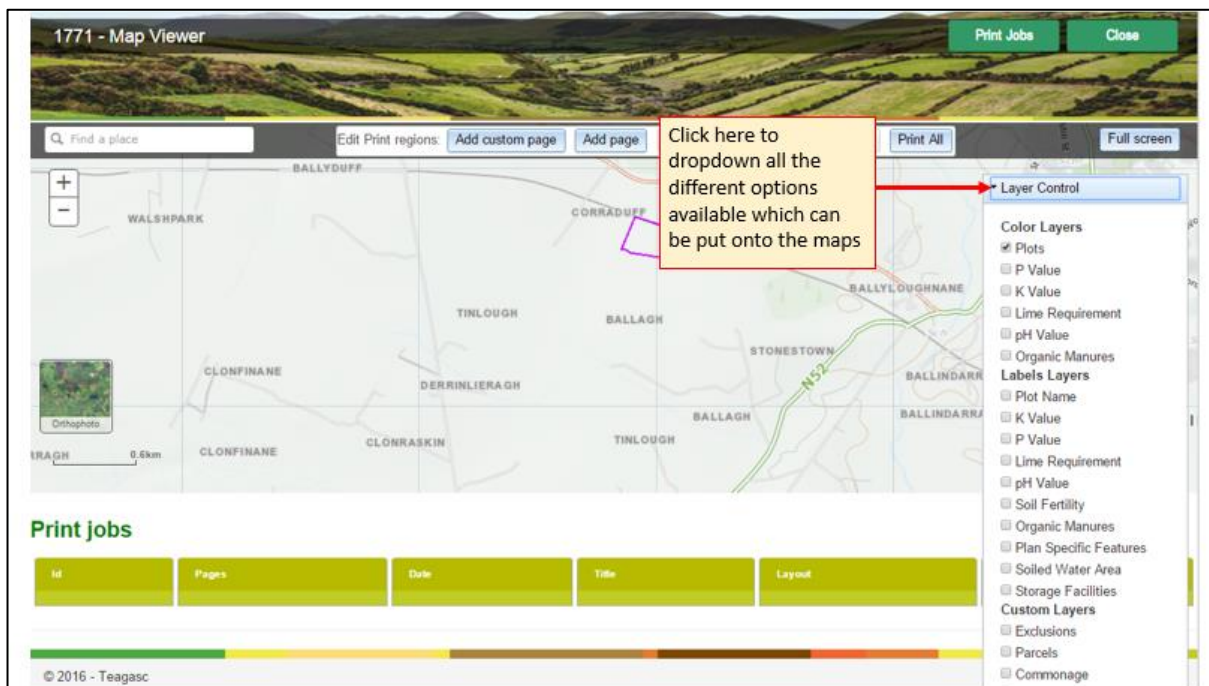
## 11 MAP VIEWER

This is where the Agent creates the map printouts. To enter the map viewer click on the **Map Viewer** tab on the top of the screen (see screenshot below).



### 11.1 Adding information to the map

There is a wide variety of information that can be put onto the map. These options can be selected by clicking on the **Layer Control** button on the map (see below). Press the Orthophoto icon to bring up the Orthophotographs.



## 11.2 Printing a map

In order to create a printout you must **Add custom page** or **Add page**, this is where you select the area on the map which you want print. The features you have ticked in the **Layer Control box** will appear on the printout.

To add a page there are two options **Add custom page** and **Add page**.

### 11.2.1 Add Custom page

1. Click once on **Add custom page** and then click once on the map, a black shaded box will appear.
2. Click, hold and drag to move it over the area that you want to appear on the printout. You can adjust the shaded box to surround the required area you want. This is done by clicking and dragging the smaller grey boxes which are on the outline of the shaded box. Once you are satisfied with the area select click **Print all**.
3. If you require multiple pages of maps in the .pdf document simply repeat the process and anything inside the shaded areas will appear in the print out.
4. If you want to change the page layout click **Edit** on the top of the screen. This facility allows you to choose the scale of the map and page set-up, i.e. A3 or A4, landscape or portrait layout.

### 11.2.2 Add Page

1. Click once on **Add Page** and then click once on the map. A grey rectangular box will appear, zoom out to see the edge of this box and reshape it to enclose the area that you want to print. Once you have selected the correct area select click **Print all**.
2. If you want to change the page layout click **Edit** on the top of the screen. This facility allows you to choose the scale of the map and page set-up, i.e. A3 or A4, landscape or portrait layout.

**\*Note:**

- The farmyard map doesn't show up on the map unless 'Winter Housing' is selected.
- Print jobs stay on the system for 14 days.

## APPENDICES

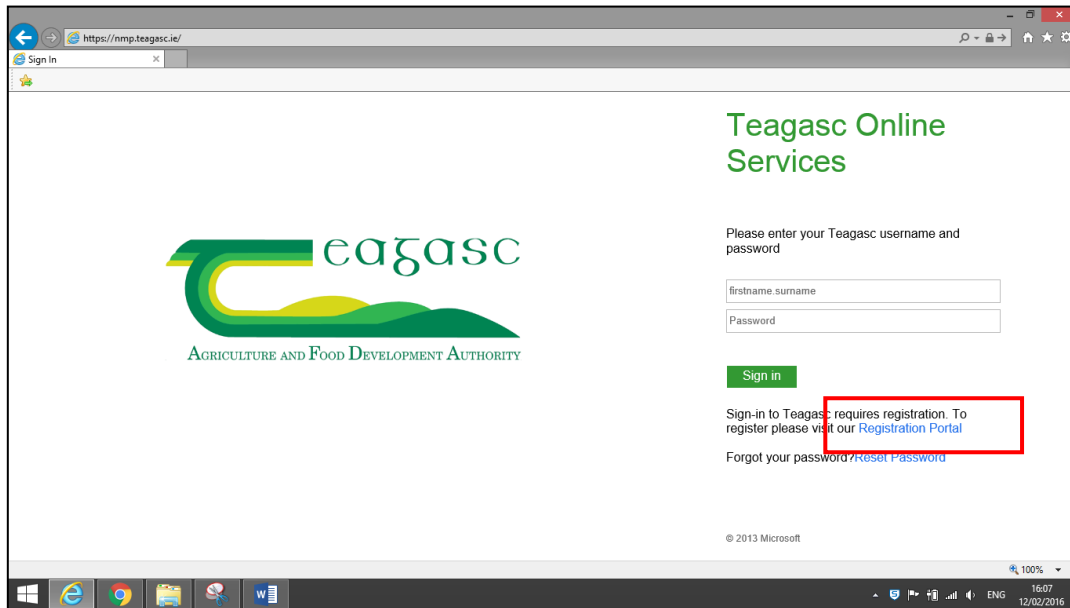
**Appendix 1:** Registering to use NMP online

**Appendix 2:** Preparing Excel spreadsheet files for upload into NMP

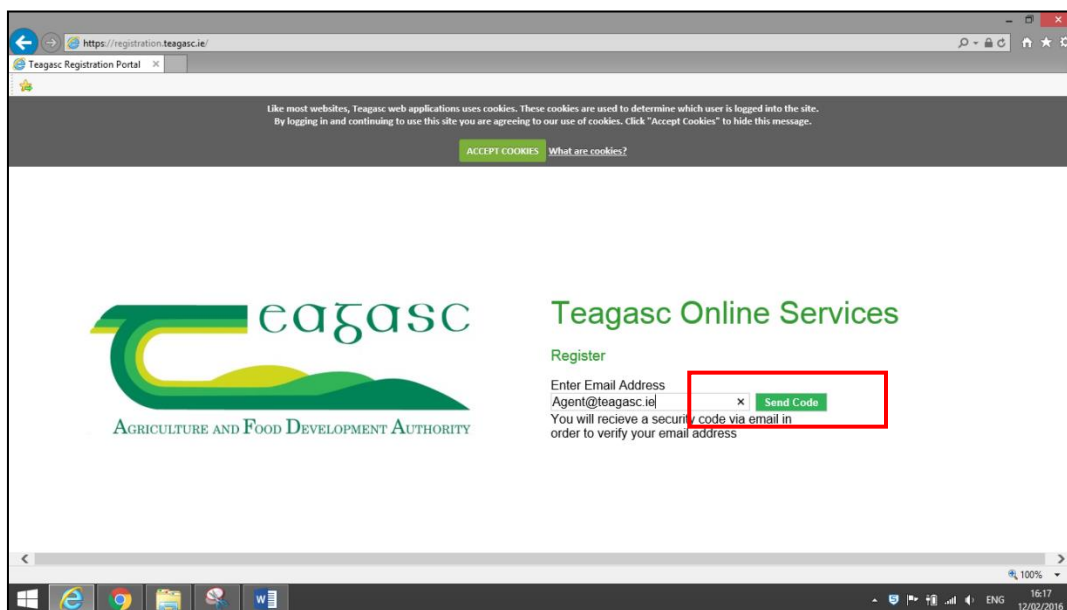
## **Appendix 1: Registering to use NMP online**

# Registering to use NMP online

1. Type <https://nmp.teagasc.ie> into the address bar.
2. Click on Registration Portal.

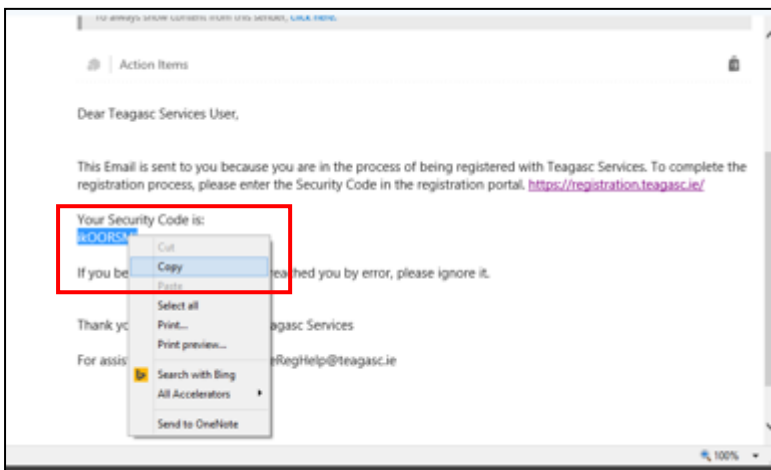
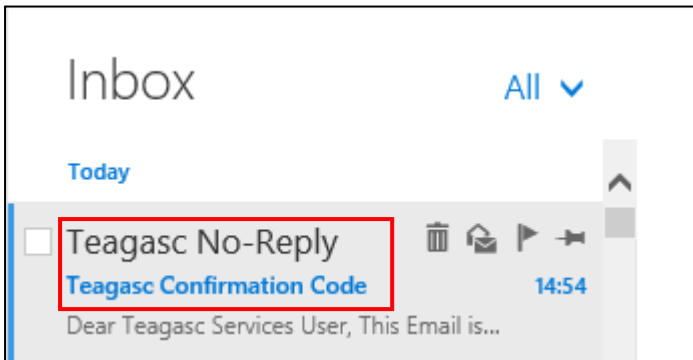


3. Add email to box and click on **Send Code**

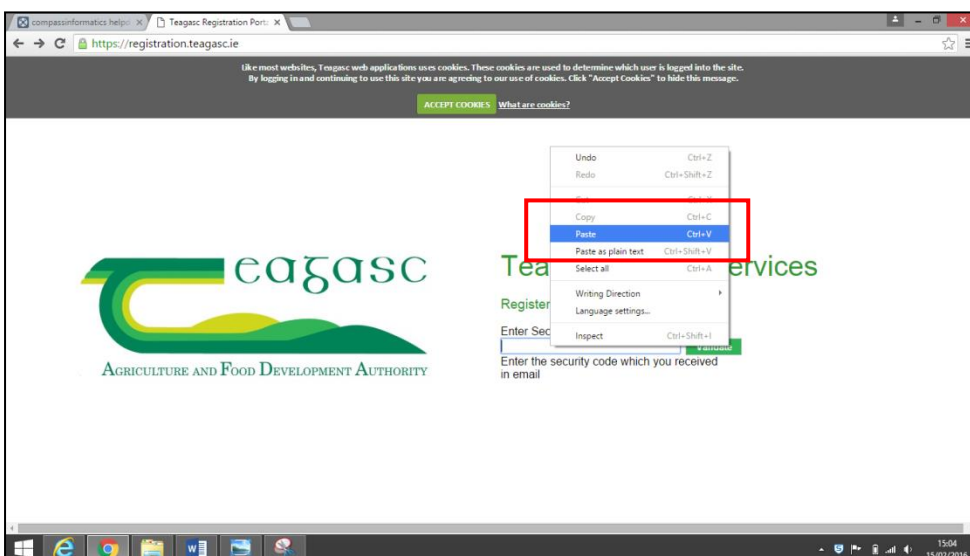




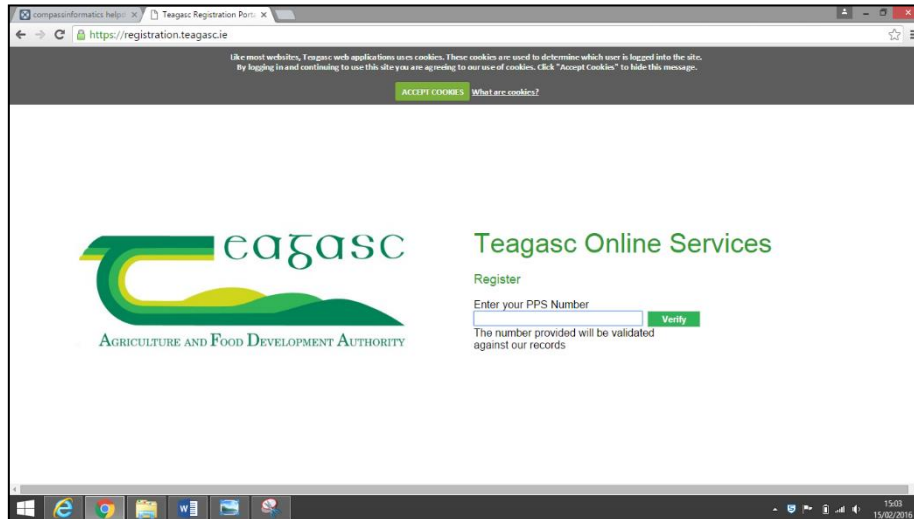
- Retrieve the security code from the e-mail by selecting, right clicking and copy.



- Return to the registration page, right click paste and click Validate.

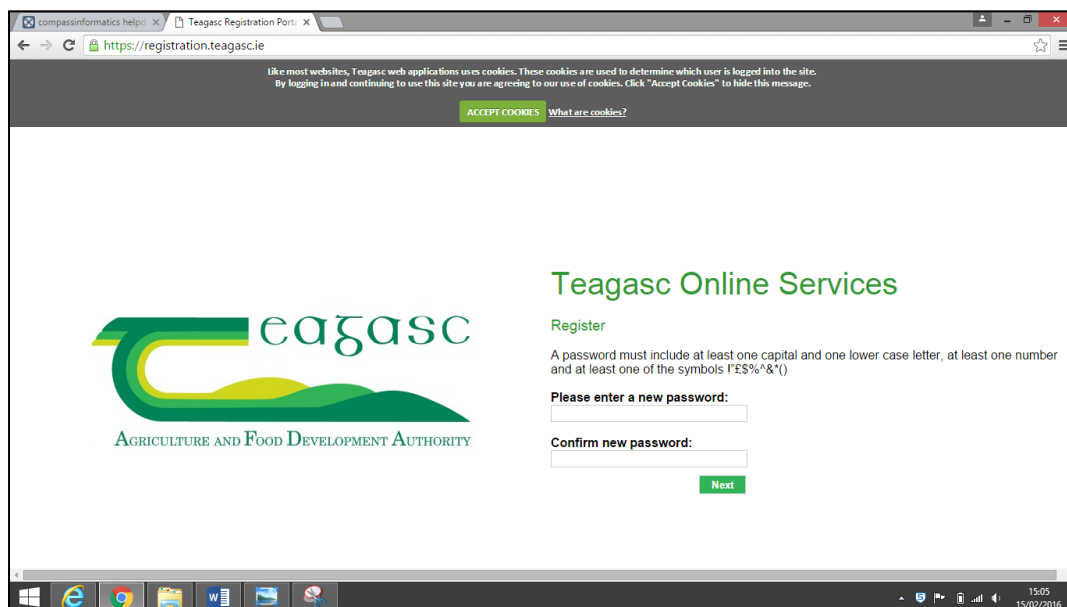


6. For *Teagasc staff* enter the staff ID number and click Verify.  
For *non-Teagasc staff/ External Consultants* enter your Teagasc Client number or if you are not the agency owner it will ask you for your PPSN number, enter and click Verify.



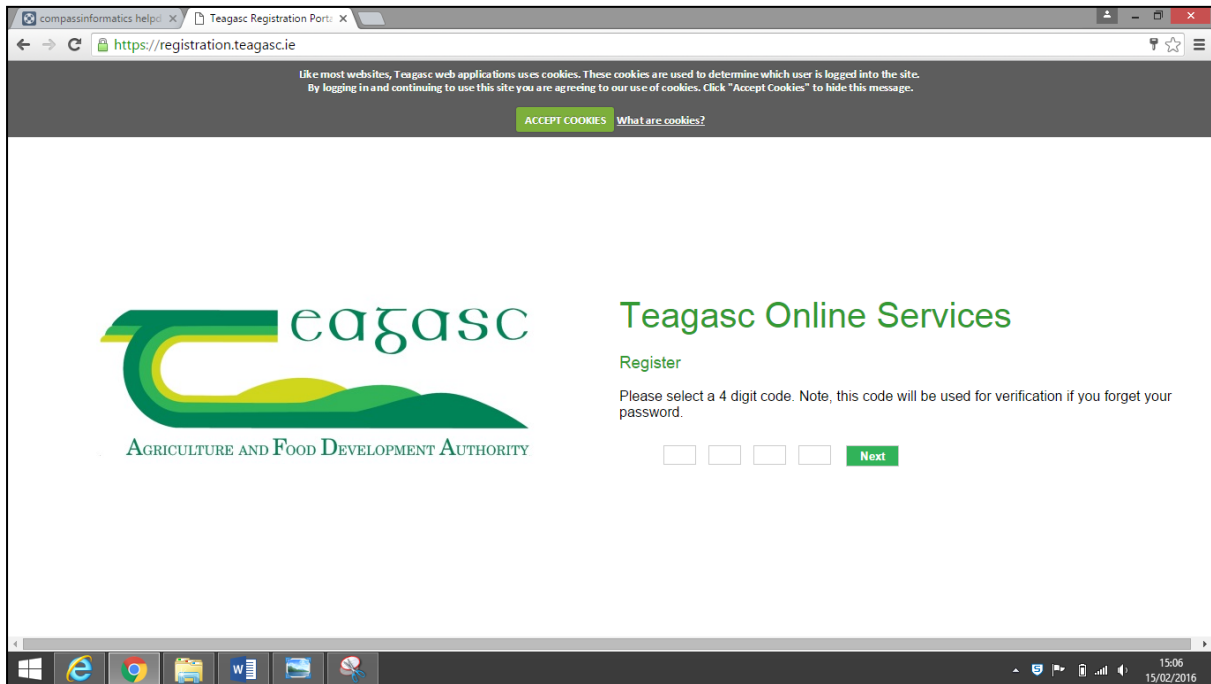
7. Create a strong password. The password **MUST** contain the following and any reference to your name will not be accepted:

**MUST HAVE A CAPITAL, SYMBOL, NUMBER AND AT LEAST 8 CHARACTERS LONG.**



**Record the password after creating it.**

8. Create a 4 digit code. **Record this 4 digit code after creating it.** The password expires after 90 days and your 4 digit code will be needed to re-set it.



- A username will be created for you. **Record the username after creating it.**



9.

10. You are back to the start, enter your username, password below and sign in.



**Please write down and keep the following information safely:**

**Username:** \_\_\_\_\_

**Password (expires every 90 days):** \_\_\_\_\_

**4 digit PIN number:** \_\_\_\_\_

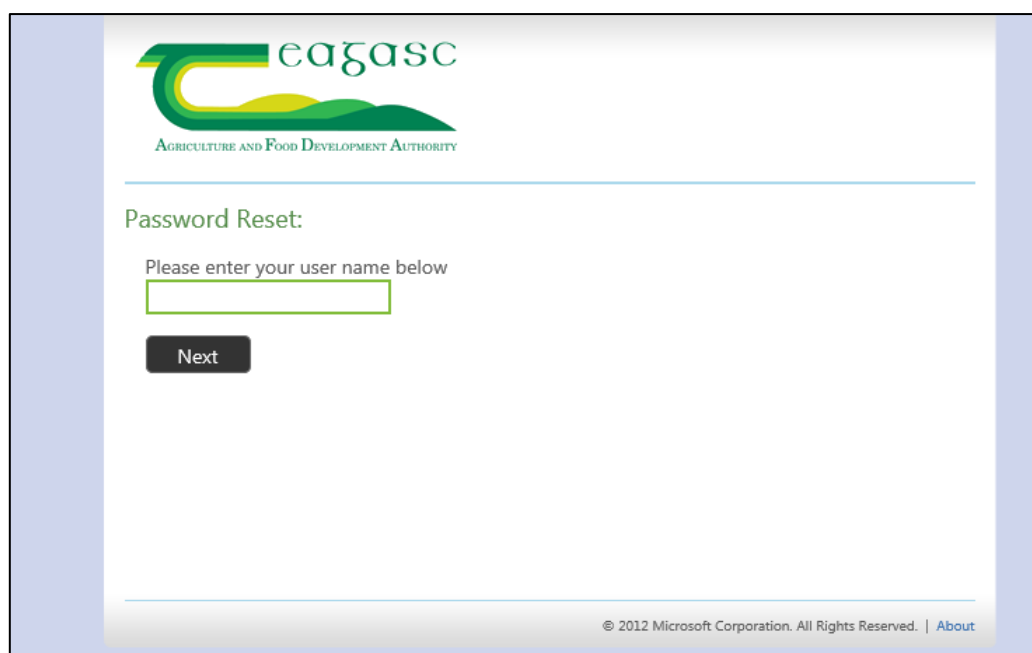
**(required to re-set your password when it expires)**

## **Appendix 2:** Resetting an NMP Online Password when it expires

Your NMP Online password will expire after 90 days and you will need to **reset your password**:



Click on the **Reset Password** option and the following box appears.



Enter the user name that you use to log into NMP Online, e.g. Joe.Bloggs001

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Verify Your Identity: Submit Your Answers

You must answer 2 of the following 2 questions.

Enter the first digit of your PIN:


Enter the second digit of your PIN:

Next Cancel

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Enter the numbers requested from your 4 digit PIN (**this was given to you when you registered to use NMP Online initially, it was important to write down and remember this PIN code**). You have five attempts at entering the correct PIN numbers, after this you are locked out of the system and you will have to contact [nmp.helpdesk@teagasc.ie](mailto:nmp.helpdesk@teagasc.ie) for assistance. If you forget your PIN, try entering a series of numbers 3 times, if you fail to remember your PIN, you must contact [nmp.helpdesk@teagasc.ie](mailto:nmp.helpdesk@teagasc.ie) because you will have to be re-registered on the system.

Click Next and a security code will be sent to your email address.



**Verify Your Identity: Email Verification**

Enter your security code below. A security code was sent to the email address registered with this organization.

Security Code:

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Enter the security code that you have been emailed into the box, select Next and then enter your new password. Your password must not contain your name and must have a capital letter, a symbol, a number and be at least 8 characters long, e.g. Townland1%. Your password is now reset.



### **Appendix 3: Preparing Excel spreadsheet files for upload into NMP**

## **Preparing Excel spreadsheet files for upload into NMP**

### ***Introduction***

NMPs prepared in the Full Version Spreadsheet (Stanley Lawlor's NMP spreadsheet) can be imported into NMP online. This can happen for a number of versions of the programme. There are a number of issues which can lead to problems in the upload – it is recommended that each spreadsheet to be uploaded be checked to ensure that it is prepared for upload.

There are a number of different versions of the Programme. Different amounts of data can be taken from different versions. The update programme can recognise the version and work accordingly. The objective is to minimise workload but it is essential to cross check all data imported to ensure that the data is effectively imported.

### ***Getting Started***

- Open the spreadsheet in Excel.
- Ensure that editing is available

## *Plan Year*

**The year on the spreadsheet file will be the year for which the plan is created on NMP Online.** The year that the plan was drawn up for will be indicate in various parts of the plan. However it can only be changed on the client details plan. You have two choices

- 1) Update the year to the current year on the plan and import
- 2) Import for the year of the spreadsheet plan and subsequently create a copy on NMP Online

Option 1 is probably the most straightforward

- 1) Open the spreadsheet file
- 2) Go to Client Details Tab and change year (to 2016)

Client Details	
Farmer Details	
Name	John Harris
Address	Ryndville Lodge
Location (Zone) where farm located	Meath *
Year	2016

- 3) Save the file – Use save as and save using an updated name e.g
  - a) Tommy Tobin Derogation Import 2016 (This will leave the original version intact)
- 4) When the file is imported it will create a 2016 plan

## Amending Land Details

### 1. Net Area

In many plans the “Net Area (Ha)” will not be fully populated when it has been divided into “Sub-plot Areas” (e.g. A 10ha plot divided into five 2 Ha plots). **These plans will not import land details successfully until all “Net Area” cells are populated.** In these situation you will need to input 10Ha in each “Net area” cell beside the 2Ha “Sub-plot area” cell. View screenshot below.

### 2. Townland and Parcel number

Many plans will also have blanks cells in the Townland and Parcel No. columns. In order to have this information in your NMP plan you will need to populate these cells. View screenshot below.

## Pre-amended cells

Field Name	Townland	Parcel No.	Net Area (ha)	Sub-plot Area (ha)	Soil Sample	Parcel Use	Crop
lawn A	JORDANSTOWN	Q18508053	10	2.00	lawn A		Winter Barley
Back field		"	"	2.00	No Soil Test		1 Cut + Grazing
Back field		"	"	2.00	Back field HIGH		Field Beans
Back field		"	"	2.00	Back field LOW		Field Beans
hill		"	"	2.00	FAIRY hill		1 Cut + Grazing

## Amended cells ready for import

Field Name	Townland	Parcel No.	Net Area (ha)	Sub-plot Area (ha)	Soil Sample	Parcel Use	Crop
lawn A	JORDANSTOWN	Q18508053	10	2.00	lawn A		Winter Barley
Back field	JORDANSTOWN	Q18508053	10	2.00	No Soil Test		1 Cut + Grazing
Back field	JORDANSTOWN	Q18508053	10	2.00	Back field HIGH		Field Beans
Back field	JORDANSTOWN	Q18508053	10	2.00	Back field LOW		Field Beans
hill	JORDANSTOWN	Q18508053	10	2.00	FAIRY hill		1 Cut + Grazing

## Slurry Page

- The rows in the Slurry Page in Version 8 were sometimes changed to accommodate the number of stores of different types (in some regions the template used had been changed). This will lead to **failure to import storage facilities**.
- The correct row number range is listed – in the figure below (The actual rows in this case are incorrect and needs to be adjusted)

[a] Covered Tanks										
Row	Tank	Length (m)	Width (m)	Depth (m)	Grass Volume (m <sup>3</sup> )	Freshwater Reduction (m <sup>3</sup> )	Net Storage (m <sup>3</sup> )			
70	2	15.8	3.0	2.4	113.4	9.5	104.0			
71	4	4.5	2.4	2.4	25.9	2.2	23.8			
72	12	21.8	3.5	2.4	183.1	15.3	167.9			
73-81										
Circular Tanks (covered)										
Row	Tank	Diameter (m)	Depth (m)	Grass Volume (m <sup>3</sup> )	Freshwater Reduction (m <sup>3</sup> )	Net Storage (m <sup>3</sup> )				
85-87										
<b>Total Net Storage from Covered Tanks</b>					<b>295.6 m<sup>3</sup></b>	<b>65,025 Gallons</b>				
[b] Uncovered Tanks										
Row	Tank	Length (m)	Width (m)	Depth (m)	Grass Volume (m <sup>3</sup> )	Rainfall + Freshwater Reduction	Net Storage (m <sup>3</sup> )			
95-98	3	9.0	3.0	0.6	16.2	18.9	-2.7			
99-101										
Circular Tanks (uncovered)										
Row	Tank	Diameter (m)	Depth (m)	Grass Volume (m <sup>3</sup> )	Rainfall + Freshwater Reduction	Net Storage (m <sup>3</sup> )				
102-104										
105-108										
Lagoons										
Row	Tank	Liner	Length (m) At Top	Length (m) At Base	Width (m) At Top	Width (m) At Base	Depth (m)	Grass Volume (m <sup>3</sup> )	Rainfall + Freshwater Reduction	Net Storage (m <sup>3</sup> )
109-111										
112-113										

- Rows may need to be deleted or inserted to correct this problem.
  - Before Adding or Deleting
    - Click on Review at the top of the screen (Excel Menu)
    - Click on Unprotect Sheet
  - To delete a row
    - Point to a row number (You will get a right pointing arrow)
    - Left Click – The row should be highlighted
    - Right click and you will get a menu

- Click delete to delete the line
- To Add a row
  - Point to a row number within a table preferably the last row (You will get a right pointing arrow)
  - Left Click – The row should be highlighted
  - Right click and you will get a menu
  - Click delete to delete the line
- If you are required to delete a row containing data you should
  - Be absolutely sure that you are working on a copy of the original spreadsheet
  - Take note of the data in the deleted line to enter after update

N.B. If the client has more than 4 “Uncovered tanks” for example, you will need to enter just 4 in the Excel and add the remaining tanks into the NMP plan after import.

## Things to check after upload

After the file is uploaded you will have a copy of some of the data from the spreadsheet file. It is vital that you only use the data as a support to data entry and that you do not consider it to be correct until it has been checked, updated and amended as required

### 1. Concentrates

It is vital to remember that the concentrates information is historic and will need to be replaced with more recent information (Unless you are converting a plan to NMP Online for the same year as the existing spreadsheet file).

Make sure that the accounting method is correct

The screenshot displays the 'Plan - Concentrate Feeds' section of the NMP Online application. The interface includes several input fields and a table. A red arrow points to the 'Last years total organic N' field, which is set to 9553 kg. Other fields include 'Total P Fed to Grazing Livestock' (25 kg), 'Total P to be discounted' (169 kg), and 'Net P contributing to Available Allowance' (0 kg). The table below lists feed items with their respective quantities and P content.

Name	Quantity (t)	P Content Data Source	P Content	Total P (kg)
Ration	5.0	Bag Label	5.0	25.0
	5.0			

## 2. Tillage Crops

Index of tillage crops may need to be updated.

Organic Fertilisers plan

Plot(Ha)	Crop	Index			Nutrients Applied (Kg/Ha)			Nutrients Advice (Kg/Ha)			Nutrients Balance (Kg/Ha)		
		N	P	K	N	P	K	N	P	K	N	P	K
14(1.0)	Courgettes	1	4	2	0.0	0.0	0.0	140.0	20.0	270.0	140.0	20.0	270.0
15(1.0)	French beans	1	4	2	0.0	0.0	0.0	90.0	20.0	200.0	90.0	20.0	200.0
16(1.0)	Gooseberries	1	4	2	0.0	0.0	0.0	40.0	8.0	90.0	40.0	8.0	90.0
17(1.0)	Leeks	1	4	2	0.0	0.0	0.0	200.0	20.0	220.0	200.0	20.0	220.0
18(1.0)	Lettuce	1	4	2	0.0	0.0	0.0	150.0	20.0	220.0	150.0	20.0	220.0
19(1.0)	Loganberries	1	4	2	0.0	0.0	0.0	50.0	8.0	60.0	50.0	8.0	60.0
20(1.0)	Onions	1	4	2	0.0	0.0	0.0	140.0	20.0	215.0	140.0	20.0	215.0
21(1.0)	Other Cabbage	1	4	2	0.0	0.0	0.0	250.0	20.0	180.0	250.0	20.0	180.0
22(1.0)	Parsley	1	4	2	0.0	0.0	0.0	250.0	20.0	180.0	250.0	20.0	180.0
23(1.0)	Parsnip	1	4	2	0.0	0.0	0.0	150.0	20.0	180.0	150.0	20.0	180.0

Derogation Plan 2015 - Excel

Crop	Area (ha)	Soil Sample	Soil pH	Index			Nutrients Applied			Cattle Slurry (7% DM) (t/ha)	FYM (t/ha)	Fertiliser Products			Balance			Manures Available (kg P/ha)	Org N/ha	Org P/ha			
				N	P	K	Lime (t/ha)	N (kg/ha)	P (kg/ha)			K (kg/ha)	18-6-12 (bags/acre)	CAN (27%N) (bags/acre)	0-7-30 (bags/acre)	N (kg/ha)	P (kg/ha)				K (kg/ha)		
Seed Rape	3.8	No Soil Test	-	3	3	3	0	9	7	40	11				160	20	25	151	13	-15	P	7	30
Fertilised Area	3.8	No Soil Test	-	3	3	3	0	9	7	40	11				0	0	0	-7	-7	-40		7	30
Transplanted crops	4.2	No Soil Test	-	3	3	3	0	9	7	40	11				29	45	170	20	38	130	3	7	30
Vegetables/Turnips	4.2	No Soil Test	-	3	3	3	0	9	7	40	11				40	40	60	31	33	20	1	7	30
Aut + Grazing	4.2	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30
Aut + Grazing	4.2	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30
Aut + Grazing	4.2	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30
Aut + Grazing	4.0	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30
Aut + Grazing	4.5	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30
Aut + Grazing	6.5	No Soil Test	-	3	3	3	0	9	7	40	11				279	43	120	270	36	80	2	7	30



### 3. Winter Dairy herd

The dates may need to be reset for the winter period if there are dairy cows on the farm.

Warning! Soils Samples allocated to over 8 Ha of land

#### Soiled Water - Winter Dairy Herd

< Prev Next >

**Soiled Water: Winter Dairy Herd**

Winter Herd Management: (For the period between 15 October and 30 April)

Average No of cows to be milked  cows

Max No of cows milked at any time.  cows

Is there a period during which all cows are dry?

Date of Final Milking (Autumn)

Date of First milking (Spring)

Days Milking During Closed Period  days

OK Cancel

**Plan Menu**

- Soil Samples
- Land Setup
- Livestock
  - Animal Numbers
  - Organic Fertiliser import
  - Organic fertiliser export
  - Org N&P Summary
- Concentrate Feeds
- Winter Housing
- Manure Storage
  - Storage Requirements
  - Soiled Water
    - Winter Dairy Herd
    - Soiled Water Locations
    - Yards to Soiled H2O
    - Dairy Washings
    - Summary
    - Storage
- FYM
  - FYM Production
  - Straw Requirement
  - FYM Storage
  - FYM Storage Balance
- Slurry
  - Slurry Produced
  - Slurry Storage Available
  - Slurry Storage Balance
- Farmyard Map
- Storage Summary
- Fertiliser Plan

11:42  
29/01/2016

## 4. Cross Checking Data

There are a number of key figures to check which will indicate how successful the download has been

- Check the total area and Stocking rate (Bottom of each page on NMP Online)

### Plan Summary

Grassland Stocking Rate: 211  
 Whole Farm Stocking Rate: 172  
 Farm Area: 65.34  
 Grass Land Area: 53.15  
 Non Grass %: 18.7

Compare these figures to the Excel figures

<u>Farm Organic N Balance</u>	Org N kg	Org P kg
Total Org N & P Produced on the farm by grazing animals	11220	1626
Organic N applied or deposited per ha - <b>GRASS</b> (Grassland Stocking rate)	211	kg/ha
		Grassland Stocking rate (kg/ha)
		for Max N
		for Max P
		211
		211
Total Org N & P Produced on the farm by <b>NON-grazing</b> animals	0	0
Total Org N & P imported in livestock manure	0	0
Total Org N & P imported in other organic materials (non-livestock)	0	0
Total Org N & P exported in livestock manure (grazing animals)	0	0
Total Org N & P exported in livestock manure (non-grazing animals)	0	0
Total Org N & P from livestock applied or deposited on the farm	11220	1626
Organic N applied or deposited per ha - <b>WHOLE FARM</b>	172	kg/ha

### Advisory Comments

Your whole farm organic N is **172** kg/ha.

**You will require a derogation to enable you to continue farming at this stocking rate**

Alternatively, you can either reduce the stock carried on the farm, increase the area farmed or export manure

You will need to increase area farmed by 4.4 ha to bring your organic N balance to 170 kg/ha

▶ ... C4
Printing
Client Details
Land
Livestock
Soiled Water
Out-Wintering
FYM
Slurry

# Land

## Land area Totals

**Total Net Area farmed for Fertiliser Plan**  ha

**% non-grassland crops**

**Area Doubled Cropped**  ha

**Soil Sample Results**

**SPS Data**      **Import data from SPS Sheet**

	Field Name	Townland	Parcel No.	Net Area (ha)
1	1	Seskin	J13605013	7.58
2	2	Seskin	"	7.58
3	3	Seskin	J13605043	21.01
4	4	Seskin	"	21.01
5	5	Seskin	"	21.01
6	6	Seskin	"	21.01

C4 **Printing** **Client Details** **Land** **Livestock**

- Double check that figures in the NMP match figures in the slurry balance page.