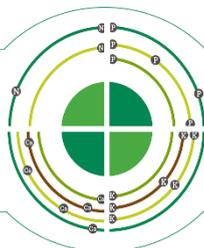


# NMP Online User Update

Issue 39 (Version 16) | 26<sup>th</sup> November 2024



**NMP**  
Online

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**1. Important Note to all NMP Users: - Clear your cache today!**

- CTRL+F5 for desktop or FN+F5 for laptops and if there is still issues do
- Complete a full Clear Cache if issues still arise (delete browsing history all time)

**2. Current Soil Sample Rules in NMP**

**No soil sample – existing rules in NMP**

- If there is **no soil sample** for a **grass crop** and the previous year’s **GSR <130kgs N/ha** the sample defaults to **P Index 3** and the advised fertiliser is updated for this.
- If there is **no soil sample** for a **grass crop** and the previous year’s **GSR >130kgs N/ha** the sample defaults to **P Index 4** and the advised fertiliser is updated for this.
- If there is **no soil sample** for an **arable crop** it defaults to **P Index 4** and the advised fertiliser is updated for this.

**Where there is an in-date valid soil sample – existing rules in NMP**

- Where there is an **in-date valid soil sample** for a **grass crop** or **arable crop** and the soil sample area then the rules for P Indexes are based on the table below

**Table 11:** Phosphorus index system

Soil phosphorus index	Soil phosphorus ranges (mg/l)	
	Grassland	Other crops
1	0.0 – 3.0	0.0-3.0
2	3.1-5.0	3.1-6.0
3	5.1-8.0	6.1-10.0
4	>8.0	>10.0

**3. Improvement to NMP where an NMP has Expired Soil samples linked to plots**

Before the date of this Bulletin, if a NMP had expired soil samples attached to plots it was up to the user to remove the soil samples from the plots for the correct N and P allowances to be applied as the soil sample is expired. There is also a DAFM rule that where there is an expired soil sample with P index 4 that P index 4 should continue to be used until it is replaced with an in-date soil sample.

From the date of this bulletin; where expired soil samples are attached to plans; NMP online will now apply the following rules:

- Expired soil samples at P index 1, 2 and 3 will default to P3 for fertiliser allowances
- Expired soil samples at P index 4 will stay at P4 until a new soil sample is assigned to that plot.

From the date of this bulletin NMP online will do this for the user for all plans for all plan years.

- New Warning to help users understand this.

**Warning!** Plan has Expired Soil Samples attached to plots. These plots have been defaulted to Phosphorus Index 3 or 4 (dependant on NAP regulations).

#### 4. Organic Matter and Nutrient Management Planning

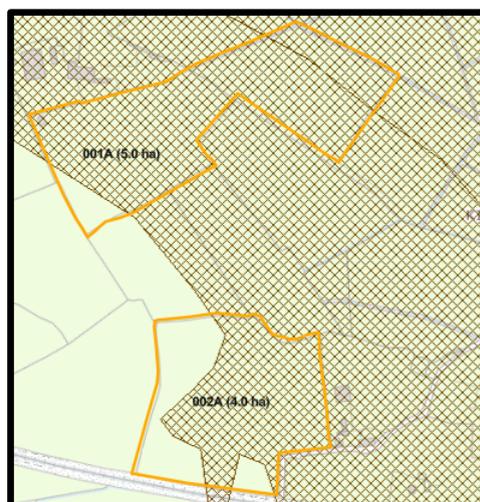
The rules below applies for soils with more than 20% Organic Matter:

- The phosphorus fertilisation rate for soils with more than 20% organic matter shall not exceed the amounts permitted for Index 3 soils, subject to the provisions of paragraph (e)

For the purposes of paragraph (d), soils shall be deemed to have an organic matter content of 20% as defined on a Teagasc-EPA Indicative Soils map unless otherwise determined in soil tests carried out in accordance with this article

- Soil analysis is carried out for soil phosphorus and soil organic matter content. Soils shall be deemed to have an organic matter content of 20% as defined on a Teagasc-EPA Indicative Soils map unless otherwise determined in soil texts carried out in accordance with this article

Below is an example of the 'Soils with 20>% Organic Matter' layer, Organic Matter overlays plots 001A and 002A.



**New Development below**

There is a NEW column in the land setup page that highlights; the plots that overlap with the “Soils with 20>% Organic Matter”, layer called OM Map Overlap.

Linked Soil Sample	OM Map Overlap	First Crop
<input type="text"/>	All ▼	<input type="text"/>
	Yes	Grazing
	Yes	Grazing

This column also appears in the soil sample page

NMP Linked Plot				
Sampled Area (ha)	Plot Name	Soil Type	OM Result %	OM Map Overlay
<input type="text"/>	<input type="text"/>	<input type="text"/>	(All) ▼	All ▼
5.00	001A	Loam		Yes
4.04	002A	Peat		Yes
0.00		Loam		
4.00	008 edit	Peat		No

From the date of this bulletin; NMP online will apply the following rules without the user having to do anything; as NMP online will apply the rules as per the Nitrates Directive. Where soil sample areas overlap with the “Soils with 20>% Organic Matter” layer the following rules apply.

- Where a soil sample area overlaps with the OM layer then P Index 3 is applied to that soil sample regardless of the soil type associated with that soil sample (where the P result is P 1, 2 or 3).
- Where a soil sample overlaps with the OM layer and the OM Result % from the soil laboratory is <20% then no peat rules will apply.

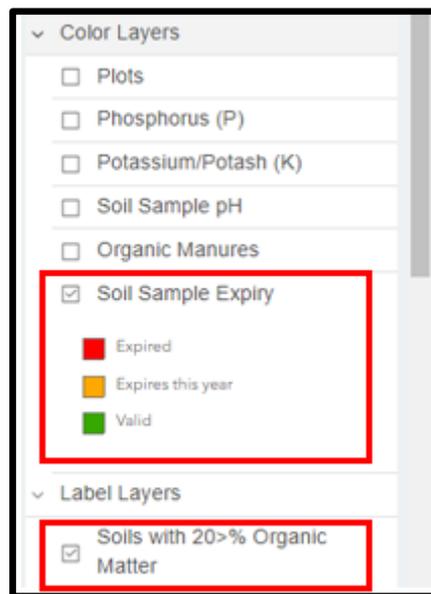
## 5. New Colour layer added – Soil Sample expiry

A new colour layer is in map viewer called Soil Sample Expiry. This produces a map that will fill the plots with colour that need to be soil sampled for the farm. This can produce a map to show farmers, soil samplers and farm advisors the soil sample areas that need to be sampled in the current year or the following year.

### Note to users:

- If a user creates, a soil sample expiry map for a 2024 NMP will show the expired soil sample in 2024 or expiring in 2024.
- Users are advised to create a 2025 NMP and then create a soil sample expiry map

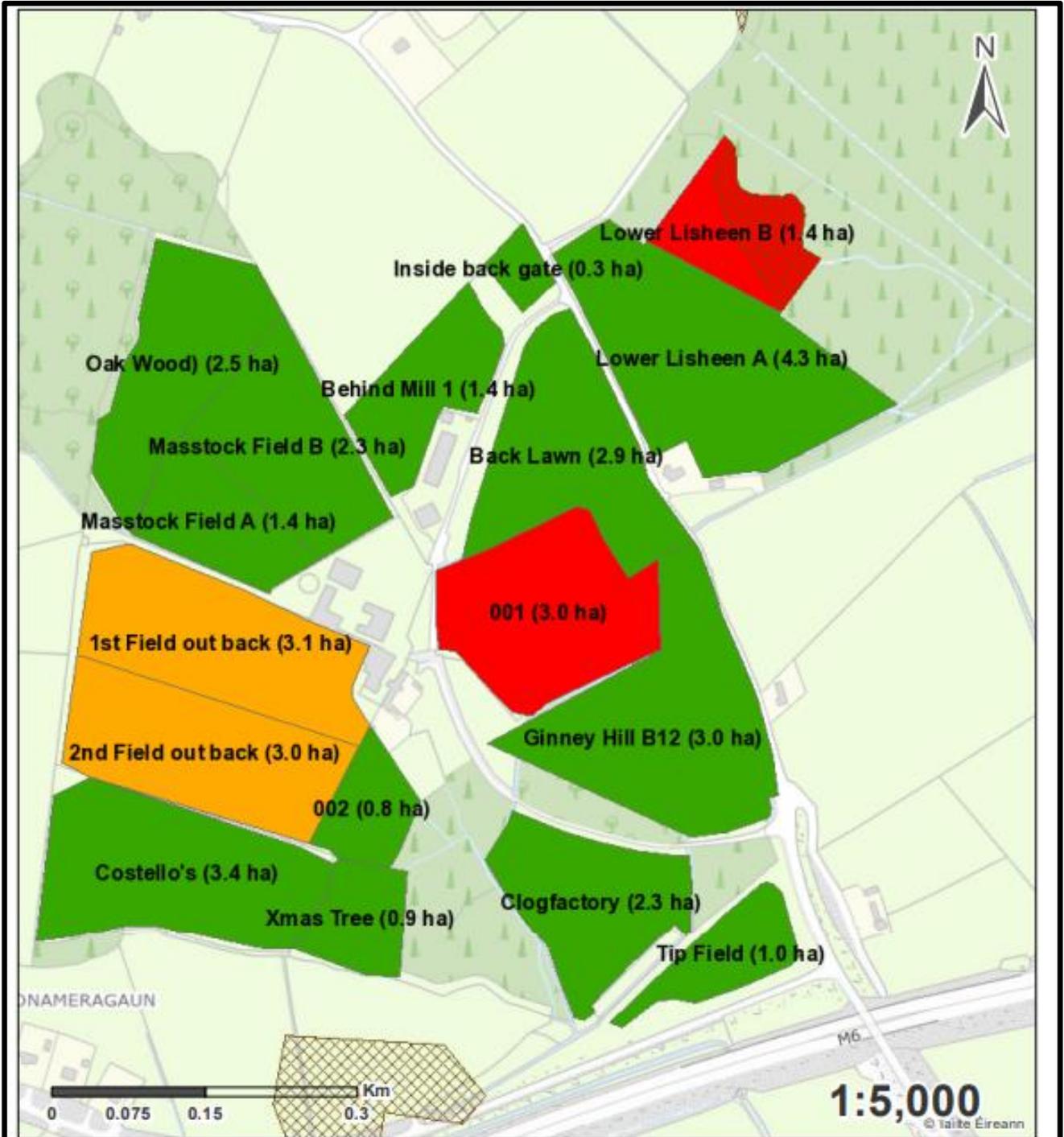
The layer 'Soils with >20% Organic Matter' is now moved up and is located under the label layers.



The Best way to create a map that will show samples due to expire and Organic Matter areas is to go to map viewer and select the following layers:-

- Colour layer Soil Sample Expiry
- Label Layer Soils with 20>% Organic matter
- Label layer Plot name (plot name also has plot area so if previous soil samples were >5ha, it will now need two samples)

Map output will be like below.



Author: NMP Online  
Date: 12/11/2024  
Copyright © 2021

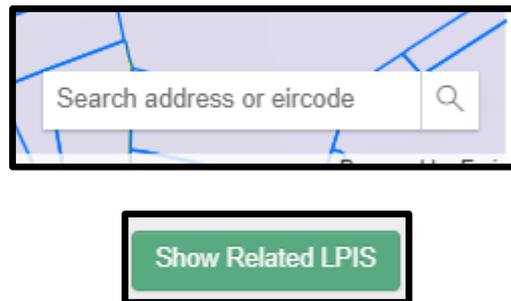
**Soil Sample Expiry**

- Expired
- Expires this year
- Valid



## 6. Show related 2022 LPIS Parcels

New functionality on the Land Set-up page to help users find related **2022 LPIS parcels**. If a user knows the Eircode of the Farmyard or any parcel that was a BISS parcel in 2022, they can search it using the button below and zoom into the parcel.



When the 'Show Related LPIS' button is selected and the user then clicks into a BISS parcel the system will then highlight all 2022 related BISS for that herd number and will show the BISS parcel clicked into in a dark blue colour and any related BISS parcels in a lighter blue colour. The screen will then zoom out to show all the parcels on the screen.



Under the map users, will see this message

*LPIS Parcel (and related LPIS parcels) were identified and highlighted. Repeat a selection by: Select any LPIS parcel on the map to find related LPIS parcels.*

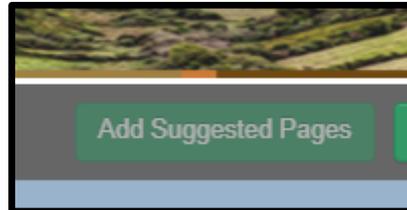
This will help users identify all the plots declared on BISS 2022. If a user then plots or uses other land set-up buttons then can still use the Show Related LPIS Button.

To exit this feature, click the X on the right hand side of the map menu page.

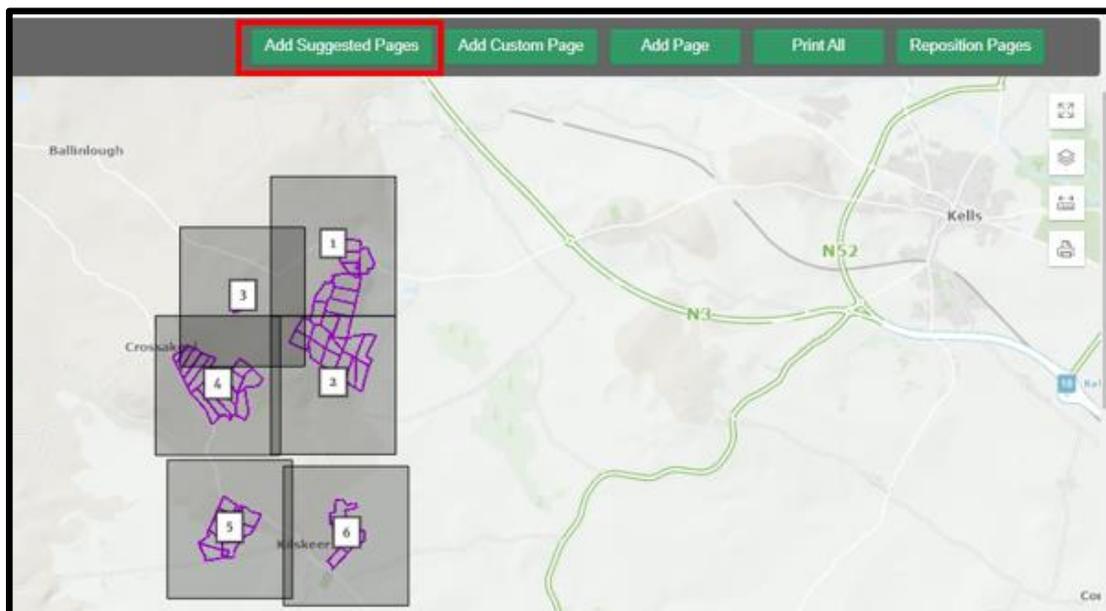
## 7. Printing Soil Fertility maps quicker

The most common maps created on NMP are colour P and K maps along with Lime Requirement maps. Users have asked if the creation of maps can be simplified. From the date of this development there is **NEW** functionality in the Map Viewer page called **Add Suggested Maps**.

**Add Suggested Maps Green Button will appear inactive for a few seconds when this page is opening**



- This is to allow the NMP online system to get ready to use this functionality.
- User can select Add Suggested Pages before selecting any layers on the right hand side.
- The system will automatically assign map pages to all lands mapped @ a scale of 1:7,500 as can be seen in the screen shot below.



- User can select one of the print panes (grey boxes) and select edit



- Users can edit the name on the page and the scale at this stage

### Edit Print Properties

---

**Page Title**

**Scale**

**Layout**

Edit the properties for the page defined by the box. When saved, the box will be resized to reflect the selected scale and paper layout.

- Users can then select the colour, label and other settings at this stage. See example below.
  - Users can still create print panes (grey boxes as they currently do)
  - If users want to use Selected pages and chose not to edit and switch on the layers on the right hand side of the screen using label layers they can still do so **BUT** must switch on layers first and then select Add Suggested Pages

### Edit Print Properties

Color Layers		Labels	
Plots	<input type="checkbox"/>	Soils with 20+% Organic Matter	<input type="checkbox"/>
Phosphorus (P)	<input checked="" type="checkbox"/>	Chemical Fertilisers	<input type="checkbox"/>
Potassium/Potash (K)	<input checked="" type="checkbox"/>	Plot Name	<input checked="" type="checkbox"/>
Soil Sample pH	<input checked="" type="checkbox"/>	Potassium/Potash (K) Index	<input type="checkbox"/>
Organic Manures	<input type="checkbox"/>	Potassium/Potash (K) Value	<input type="checkbox"/>
Soil Sample Expiry	<input type="checkbox"/>	Phosphorus (P) Index	<input type="checkbox"/>
Each selected layer will appear on its own page when printed		Phosphorus (P) Value	<input type="checkbox"/>
		Lime Requirement	<input checked="" type="checkbox"/>

WFD Risk into cypher-mer waterbodies	<input type="checkbox"/>
River Waterbody WFD Status 2016-2021	<input type="checkbox"/>
Lake Waterbody WFD Status 2016-2021	<input type="checkbox"/>
Transitional Waterbody WFD Status 2016-2021	<input type="checkbox"/>
Targeting Agricultural Measures	<input type="checkbox"/>
WFD Areas for Actions	<input type="checkbox"/>
Commonage	<input type="checkbox"/>
Forestry	<input type="checkbox"/>
CORINE Land Cover 2012	<input type="checkbox"/>
NHA	<input type="checkbox"/>
SAC	<input type="checkbox"/>
SPA	<input type="checkbox"/>

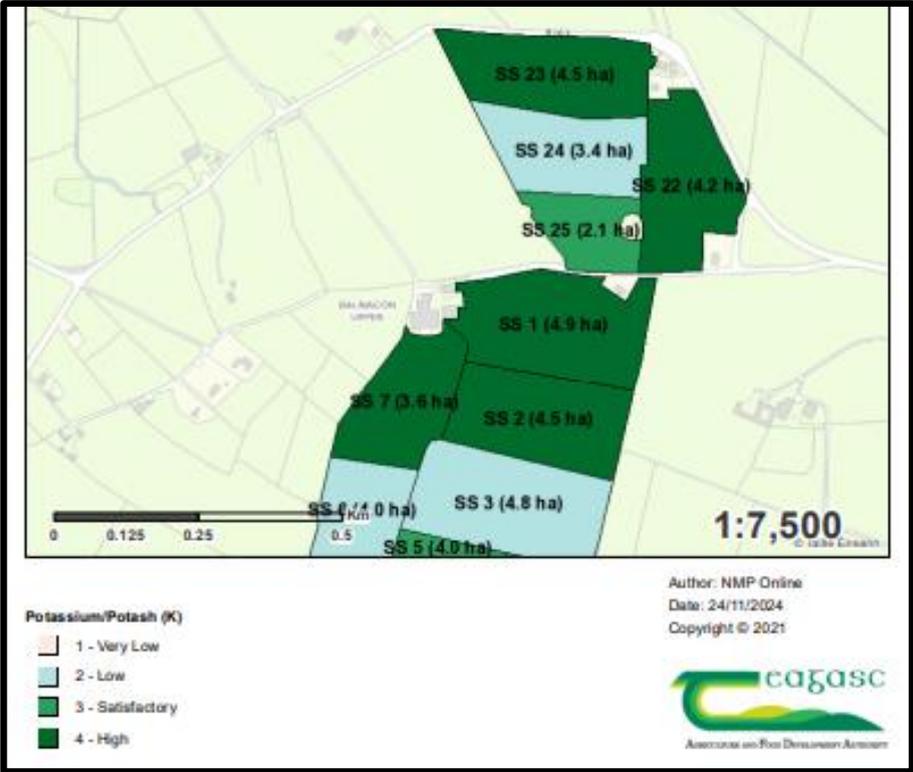
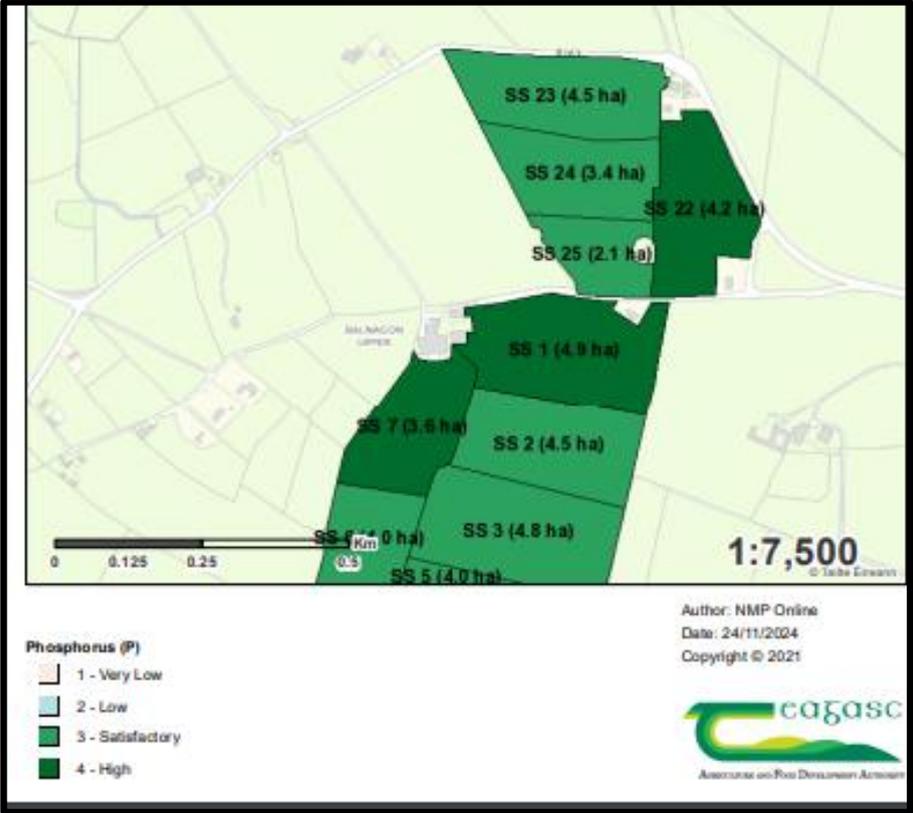
Clone settings to all pages

Clone title to all pages

Save

Cancel

User selects print all and get maps like below.



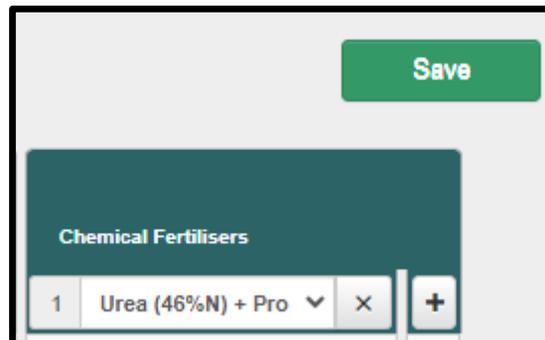
## 8. AutoSaving chemical & organic pages

The organic and chemical fertiliser pages contain lots of data and users have expressed a change to these pages to make it easier to use and navigate. The save button is now updated so when users move off the page using the menu on the right hand side or the previous/next button is selected the following pop-up will appear.



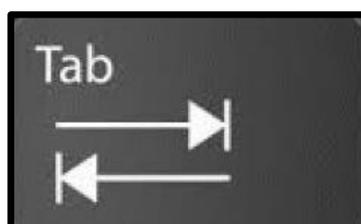
- If the user selects **Save** all data will be saved and the next page will appear.
- If the users selects **Don't Save** the data will not be saved and the next page will appear.
- If the users selects **Cancel** the user will be returned to the organic or chemical page.

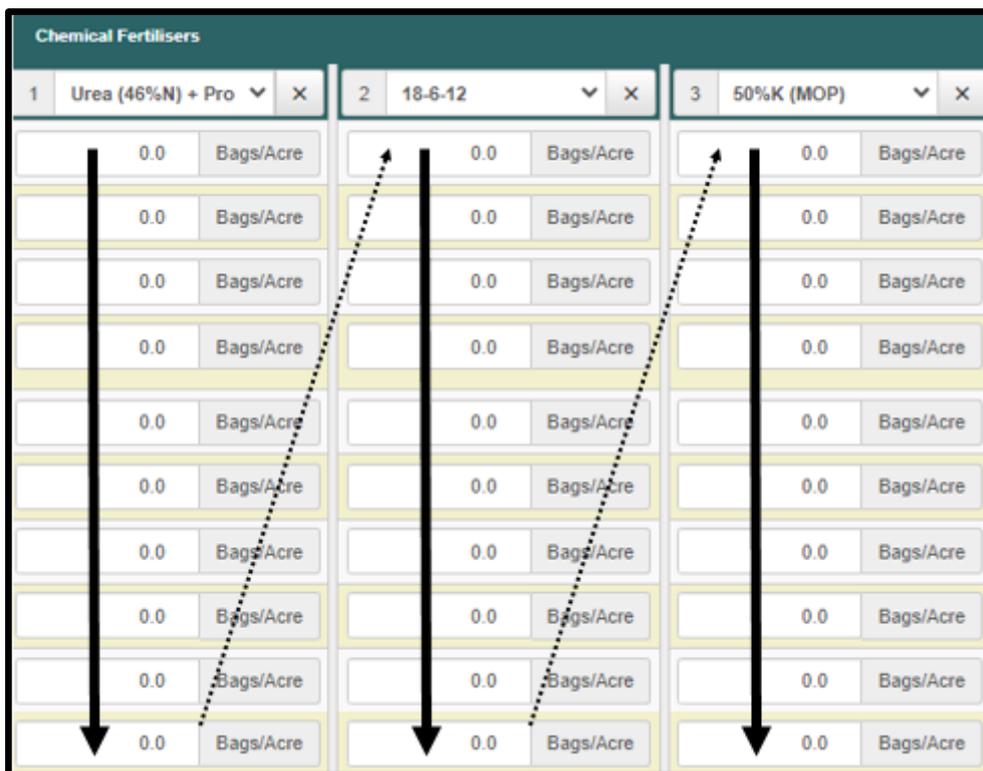
This will prevent users leaving this page without saving the changes or data entered. There is still the functionality to **Save** as previously and a second save button has introduced to the top of the screen.



## 9. Using the tab button on the keyboard in the organic and chemical fertiliser pages

From the date of this bulletin when users use the tab button on the keyboard, this will move the user down the column and when at the bottom of the column this will then start down the next column.





**10. Soil Sample Page – importing soil samples template file**

In the soil sample page there is a **Download Template File**, which allows users to put soil sample data into a CSV file that can be used to import soil samples.



The file format has been changed to a CSV file and the template has been updated. The data to be entered is shown below.

Sample ID	Sample Reference	Result Date	pH (Water)	pH (Buffer/SMP)	Lime Requirement (t/ha)	P mg/l	K mg/l	
Soil Type	OM Result %	Magnesium	Copper	ER Manganese	Zinc	Boron	Cobalt	Total Manganese

The mandatory data fields are in green above. This functionality will make it quicker for users to import excel files containing soil sample results.

**11. Lime page**

A liming plan is key to achieving optimal soil fertility. The improvements on this page will help make it easier to understand and implement. The lime page has been updated to help farmers make liming decisions easier and this is reflected in the reports.

- Totals at the bottom are in bold
- Only lime advised is shown (zero’s have been removed to make the table easier to read).

Area (Ha)	Sample ID	Sample Reference	Result Date	pH (Water)	pH (Buffer/SMP)	Lime Req (T/Ha)	Advised Lime			
							2024 (T/Ha)	2025 (T/Ha)	2026 (T/Ha)	2027 (T/Ha)
4.00	SS1		16/01/2020	6.10		4.0	4.0			
7.05	SS2		16/01/2020	6.20		3.0	3.0			
1.46	SS2		16/01/2020	6.20		3.0	3.0			
2.29	SS2		16/01/2020	6.20		3.0	3.0			
2.05	SS2		16/01/2020	6.20		3.0	3.0			
2.50	SS2		16/01/2020	6.20		3.0	3.0			
5.38	SS2		16/01/2020	6.20		3.0	3.0			
0.97										
3.42										
5.84										
<b>Four Year Total (2024-2027):78 tonnes</b>						<b>Annual Totals (tonnes):</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 12. Soil Sample page improvements

Users requested improvements to the Soil sample page to help with sorting and filtering. There are filters across the top of the table over every column.

1. There is a new functionality to show all soil samples on the page or show 10, 25, 50 or 100
2. New layout on the page starting with Sample Details (Sample expiry, Sample ID, Sample reference and Result date)
3. NMP Linked Plot **NEW** which includes the sampled area linked to the soil sample and the plot name/s linked to that soil sample
4. Soil sample Soil Type as inputted by the soil laboratory at the time the soil sample was taken or the user can input it themselves into the template, OM% result from soil laboratory and OM Map overlay (Section 2 above)
5. pH Results now shows the water pH, Buffer/SMP pH and Lime Requirement t/ha

The screenshot displays the 'Plan - Soil Samples' interface. At the top, there are navigation buttons for '< Prev' and 'Next >'. Below these are two dropdown menus: 'Show (Unassigned) Historic Soil Samples' set to 'No' and 'Show Trace Elements' set to 'No'. A red box highlights a 'Show 10 entries' dropdown menu, with a callout '1' pointing to it. Below the filters, there are five main filter sections, each with a callout number: 'Sample Details' (callout 2) with fields for Sample Expiry, Sample ID, Sample Reference, and Result Date; 'NMP Linked Plot' (callout 3) with fields for Sampled Area (ha) and Plot Name; 'Soil Type' (callout 4) with a dropdown for Soil Type and a dropdown for OM Map Overlay; 'pH Results' (callout 5) with fields for pH (Water), pH (Buffer/SMP), and Lime Req t/ha; and 'P and K Results' with fields for P mg/l and K mg/l. A 'Reset Table Searches' button is located to the right of the filters. Below the filters is a table with the following data:

Sample Expiry	Sample ID	Sample Reference	Result Date	Sampled Area (ha)	Plot Name	Soil Type	OM Result %	OM Map Overlay	pH (Water)	pH (Buffer/SMP)	Lime Req t/ha	P mg/l	K mg/l
(All)	SS123	Plot 11	12/10/2024	0.00		Clay			6.30		4.00	4.40	44.00
	Sample 9	1182230	02/03/2023	4.39	40	Loam		No	6.60			9.60	89.00
	Sample 8	1182229	02/03/2023	3.20	4 Hurling & Penders	Loam		No	6.30			8.10	57.00
	Sample 7	1182228	02/03/2023	3.30	24	Loam		No	5.80		5.00	7.30	56.00
	Sample 6	1182227	02/03/2023	4.63	19 Lynams	Loam		No	6.00		2.50	4.90	40.00

### 13. Land Set-up new filters

Similar to the Soil sample page there are now filters over each of the columns in this page to help users search/filter quicker

Map configuration was retrieved for file: landSetup

Show  entries Showing 1 to 10 of 14 entries

Name	Townland	Digitised Area (ha)	Plot Ref. Area (ha)	Mapped Area (ha)	Linked Soil Sample	OM Map Overlap	First Crop	Crop 2	Options
00001	Test Townland	From: <input type="text"/> To: <input type="text"/> 4.00	From: <input type="text"/> To: <input type="text"/> 4.00	From: <input type="text"/> To: <input type="text"/> 13.40	<input type="text" value="SS1(2020)"/>	All <input type="text"/>	<input type="text" value="Grazing"/>	<input type="text"/>	<input type="button" value="Zoom To"/>

The Reset Table Searches allows users to clear all filters.

### 14. New Warnings to help Users

- In some NMP's users may be exporting more organic manures than the expected volumes produced for that storage Zone. Users will now see this warning

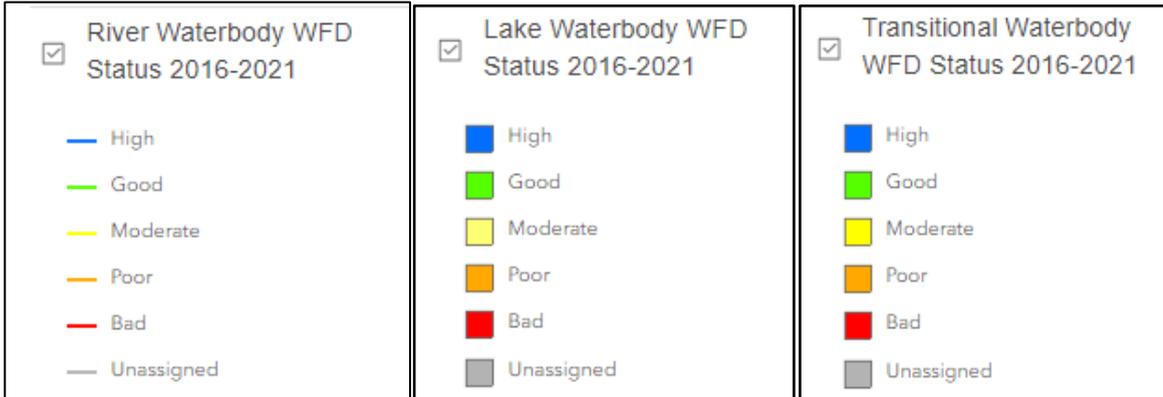
**Warning!** Manures exported exceeds that in Land and Fert max page (N allowance summary table) in the row +Available N in manures Exported (Max?..). Please check that volumes exported are correct.

- Another warning where there is too much home produced P or imported P this warning will appear

**Warning!** Max P Exceeded, Reduce/Remove Organic Imports or Increase Exports of manures (Intensive enterprises pigs/poultry manures if produced on holding must be exported) to resolve issue

### 15. Correction to EPA Layers

These layers had the Moderate and Poor colours inconsistent with EPA formatting and from the date of this bulletin, this is now corrected.



### 16. More print scales added to map viewer

Two new scales have been added to map viewer @ 1:3,500 and 1:7,500 which will give more flexibility for users to create maps at different scales and make it easier to read the map outputs.

