



CEH reports in Gatekeeper

A helpful guide for Gatekeeper users utilising custom reports

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Introduction

Who is UK Centre for Ecology & Hydrology (UKCEH)?

[UKCEH](#) is an independent, not-for-profit research charity based in the UK who specialise in integrated monitoring to provide solutions to complex environmental problems. For more than 30 years UKCEH has worked with the farming industry to develop more sustainable agricultural systems.

What are the CEH reports and what are they for?

UKCEH and Farmplan have worked together to develop quick and easy ways for farmers to securely share their crop record information with UKCEH via a set of new reports in Gatekeeper. Full details of the AgZero+ research programme are available here: <https://www.ceh.ac.uk/our-science/projects/agzero>.

This will enable UKCEH to provide farmers with free access to accurate and impartial data on their **crop production efficiency and footprint, greenhouse gas emissions, carbon stocks, pollution risks and biodiversity metrics**. UKCEH will use this knowledge to work with farmers to develop new and innovative low-carbon and sustainable farming systems.

Gatekeeper users will find a series of three specialised reports, which can be sent to UKCEH as a .csv file (more detailed instructions later in this document). This process puts the control with the user and makes the process simple and easy.

Checking your data

Before attempting to utilise or share data, it is always good practice to check the quality and completeness of what has been entered to date. Our [Gatekeeper Best Practice guide](#) has lots of tips to make sure your data is as accurate as possible.

Keeping your data safe and confidential

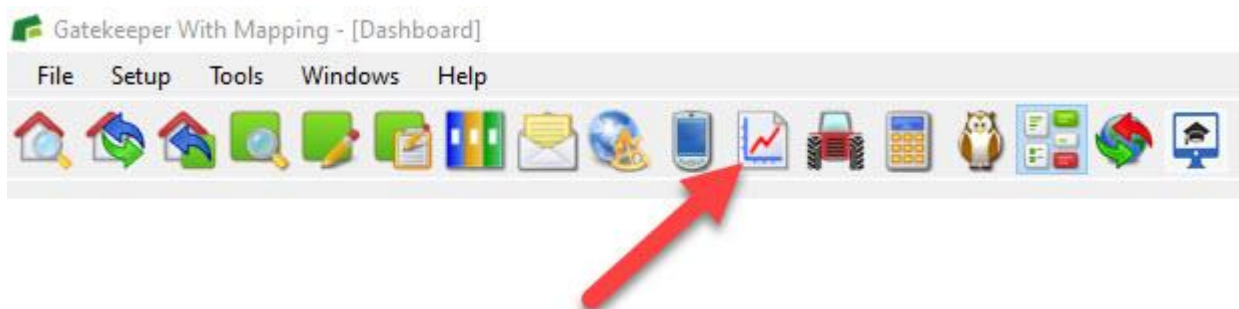
UKCEH fully comply with all current data protection regulations and your Gatekeeper data will not be shared with third parties. All information will be kept confidential. Any reporting from the project will present high level summary data, which will be anonymised. It will not be possible to identify individual farm enterprises.

[Full terms & conditions of data use are available here](#)

How to locate and run the CEH Farm Health Check Reports

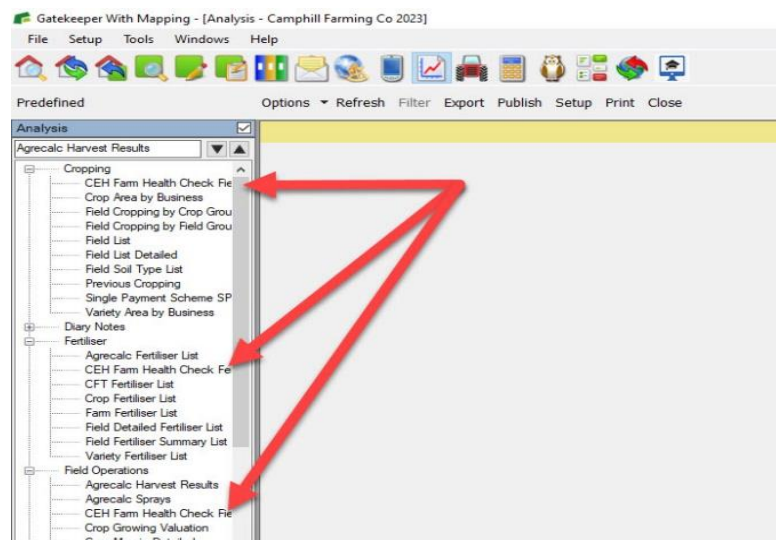
The Analysis module in Gatekeeper

The analysis module is a reporting centre within Gatekeeper. Reports can be created for all data, including the ability to report across multiple years and/or businesses. The analysis module is opened from the main Gatekeeper screen with the icon shown below:



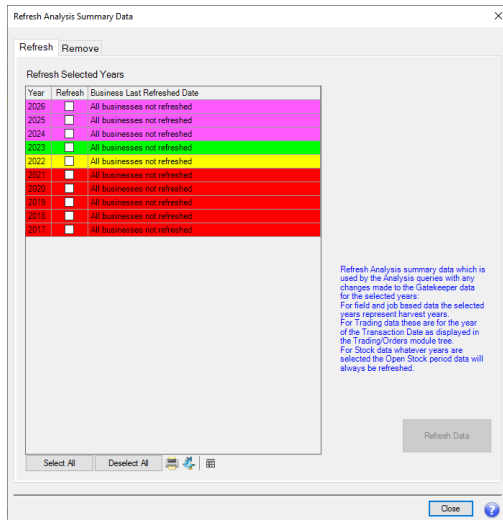
The CEH Farm Health Check custom reports have been added to the **Analysis** module of your Gatekeeper software. These reports are found in 3 separate categories in the left-hand menu in your Analysis module:

- **Cropping**
- **Fertiliser**
- **Field Operations**



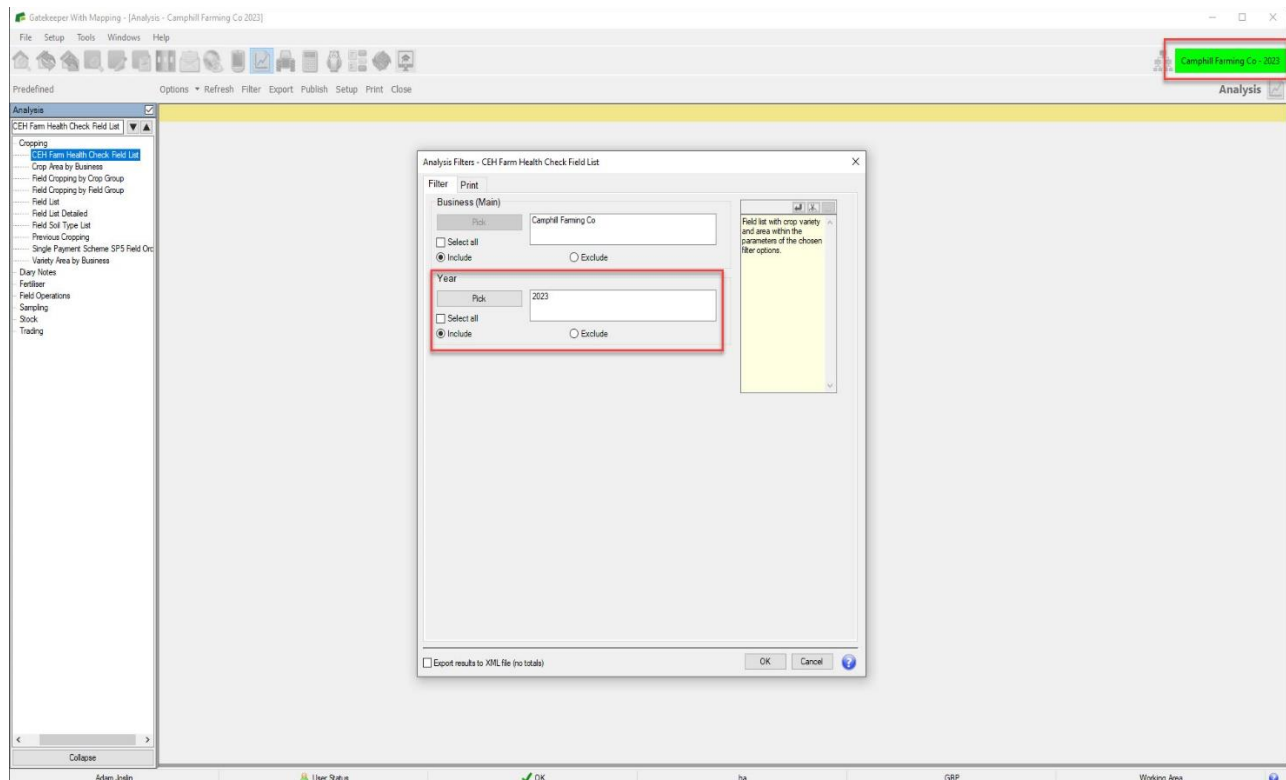
Refreshing the Analysis database – important!

Analysis module reports are always drawn from a separate analysis database, which allows the module to work on a summary of all data within the software. For this reason, it is essential to refresh the database before running any reports if any Gatekeeper data has been changed. The refresh screen will automatically be shown if you select an analysis report without a recent refresh.



You can also refresh manually by clicking 'Refresh'. The Refresh window will then open and you can choose to update the analysis tables by year (and business if you have more than one Main Business).

*Please note that the year selected in the filter of all Analysis reports will always default to the year that is **currently selected**. Make sure you double check the year selected in the report filters before running any reports.*



CEH Farm Health Check Field List

Year	Business (Main)	Business (Main) Account Reference	Business (Alt)	Postcode	Holding Name	Field Group	Field Number	Parent Field Name	Field Defined Name	Field Region \ Whole Field	Field Region Reference	Part Field Reference	Field Reference	Cropping R							
2023	Camphill Farming Co		Camphill Farming Co	IP20 9PH	Camphill Farm Holding	Camphill Farm	1	America Meadow	America Meadow A	False	A	A									
								America Meadow B/02	False	B	B	AM									
							4	Cottage Field	Cottage Field A	False	A	A		CD							
								Cottage Field B/02	False	B	B										
							5	Diose Lane 14	Diose Lane 14	True				Whole field		D14A					
							6	Diose Lane 15	Diose Lane 16	True				Whole field		DL16					
								Lang Field A	Lang Field A	False	A	A									
							7	Lang Field	Lang Field B/04	False	B	B					LA				
								Lang Field C/05	False	C	C										
							8	Long Five	Long Five	True							LF				
							9	Manor Field	Manor Field	True							Whole field		MA		
							10	Middle Field	Middle Field	True	Whole								MI		
								Parks Wood A	Parks Wood A	False	A	A									
							11	Parks Wood	Parks Wood B/02	False	B	B							PVJ		
								Sextons 7 A	Sextons 7 A	False	A	A									
							14	Sextons 7	Sextons 7 C/03	False	C	C								SET	
								Sextons 7 D/04	Sextons 7 D/04	False	D	D									
							15	Sextons 8	Sextons 8	True										Whole field	SEB
								Sidetrack A	Sidetrack A	False	A	A									
							16	Sidetrack	Sidetrack B/02	False	B	B								SI	
								Far_Hollow_Ground	Far_Hollow_Ground	True										Whole field	
							24	Far_Hollow_Ground	Browns A	False	A	A									
							2	Browns	Browns B/02	False	B	B								BR	
3	Bullockshed	Bullockshed	True										Whole field	BU							
12	Pit Field	Pit Field A	False	A	A								PF								
	Pit Field B/02	Pit Field B/02	False	B	B																
13	Pittles	Pittles	True	Whole									Whole field	PI							
	Tower A	Tower A	False	A	A																
17	Tower	Tower B/02	False	B	B																
	Tower C/03	Tower C/03	False	C	C																
	Tower D/04	Tower D/04	False	D	D																
26	Sheep Pen	Sheep Pen	True										Whole field								
39	A New Field	A New Field	True																		
18	Back Bungalow	Back Bungalow A	False	A	A																
	Back Bungalow B/02	Back Bungalow B/02	False	B	B								YBB								
19	Hill Farm Field	Hill Farm Field A	False	A	A																
	Hill Farm Field B/02	Hill Farm Field B/02	False	B	B								YHF								
20	Beck Field	Beck Field	True																		
21	Cow Shed	Cow Shed	True										Whole field	Cs1							
22	Front Bungalow	Front Bungalow	True																		
23	Old Barn	Old Barn	True	01/2020																	

This is the first report you will find in the **Cropping** section of the menu on the left-hand side of the Analysis module.

To run the report:

1. Make sure the data has been refreshed.
2. Select the report from the menu on the left.
3. Ensure the correct business and year are selected in the filter and click **OK**.

If your cropping hasn't been updated in Gatekeeper for a while, or you have taken on more fields that haven't been set up yet, then the **Multi-update option** is a very quick way to get cropping assigned to Fields – learn more [here](#)

CEH Farm Health Check Fertilisers Applied

Crop Group	Variety	Field Defined Name	Fertiliser Nutrient Name	Actual Issued Date	Product Name	Rate per Application Area ha	Units	Fertiliser Nutrient Rate per Working Area
Barley Spring	KWS Irina	Back Bungalow	Mn	18/04/2019	Manganese Extra		1,000	0.15
			N	19/04/2019			138.359	69.43
			N	10/05/2019	Nuram 35 + S		138.851	48.60
			N	19/04/2019			138.359	13.85
			S03	10/05/2019			138.851	9.72
			KQ0	18/03/2019	MOP		179.164	107.50
	Lang Field A	Mn	30/03/2019	Manganese Extra		1,070	0.16	
		N	22/02/2019	Charter 25-12.5		250.000	62.50	
		N	13/03/2019	Nuram 35 + S		257.866	90.25	
		P205	23/09/2018	Triple Super Phosphate		197.309	90.76	
		P205	22/02/2019	Charter 25-12.5		250.000	31.25	
		S03	13/03/2019	Nuram 35 + S		257.866	18.05	
Barley Winter	KWS Glacier	Pi Field A	KQ0	18/03/2019	MOP		179.164	107.50
			Mn	30/03/2019	Manganese Extra		1,070	0.16
			N	22/02/2019	Charter 25-12.5		250.000	62.50
			N	13/03/2019	Nuram 35 + S		257.866	90.25
			P205	23/09/2018	Triple Super Phosphate		197.309	90.76
			P205	22/02/2019	Charter 25-12.5		250.000	31.25
	Tower A	S03	13/03/2019	Nuram 35 + S		257.866	18.05	
		KQ0	18/03/2019	MOP		179.164	107.50	
		Mn	30/03/2019	Manganese Extra		1,070	0.16	
		N	22/02/2019	Charter 25-12.5		250.000	62.50	
		N	13/03/2019	Nuram 35 + S		257.866	90.25	
		P205	23/09/2018	Triple Super Phosphate		197.309	90.76	
Pipkin	Burtons	P205	22/02/2019	Charter 25-12.5		250.000	31.25	
		S03	13/03/2019	Nuram 35 + S		257.866	18.05	
		KQ0	18/03/2019	MOP		108.565	65.14	
		Mn	30/03/2019	Manganese Extra		1,070	0.16	
		N	22/02/2019	Charter 25-12.5		220.181	55.05	
		N	13/03/2019	Nuram 35 + S		253.365	88.68	
Beans Dried Winter	Tundra	P205	22/02/2019	Charter 25-12.5		220.181	27.52	
		P205	22/02/2019	Triple Super Phosphate		252.190	116.01	
		S03	13/03/2019	Nuram 35 + S		253.365	17.74	
		Mn	25/05/2019	Manganese Extra		2,500	0.38	
		P205	24/10/2018	Triple Super Phosphate		169.427	77.94	
		Mn	22/05/2019	Manganese Extra		2,500	0.38	
Linsed Winter	Sideral	P205	24/10/2018	Triple Super Phosphate		169.427	77.94	
		Mn	22/05/2019	Manganese Extra		2,500	0.38	
		P205	24/10/2018	Triple Super Phosphate		169.427	77.94	
		Mn	22/05/2019	Manganese Extra		2,500	0.38	
		P205	24/10/2018	Triple Super Phosphate		169.427	77.94	
		KQ0	10/03/2019	MOP		85.000	51.00	

This is the second report you will find in the **Fertiliser** section of the menu on the left-hand side of the Analysis module.

To run the report:

1. Make sure the data has been refreshed.
2. Select the report from the menu on the left.
3. Ensure the correct business and year are selected in the filter and click **OK**.

If you have set up new products recently, or haven't checked for a while it is a good idea to make sure you have nutrient analysis set up for all your nutrition products. If you need any help with this, please take a look at the **FAQ section** on the Farmplan Support pages under [crop nutrition](#)

CEH Farm Health Check Field Operations

Parent Field Name	Field Defined Name	Field Number	Field Reference	Actual Issued Date	Heading Category	Heading Type	Heading Group	Heading	Product Name	Application Area ha	Rate per Application Area ha	Units	Quantity	Sentinel MAPP			
America Meadow	America Meadow A	1	AM	15/09/2018	Variable Costs	Pesticides	Adjuvants	Adjuvants	Aqua scope	7.00	0.201	L	1.407				
				15/09/2018	Variable Costs	Herbicides	Herbicides	Gallup XL (17663)	7.00	2.278	L	15.943	17663				
				15/09/2018	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000					
				29/09/2018	Variable Costs	Adjuvants	Adjuvants	C-Cure	7.00	0.268	L	1.807					
				29/09/2018	Variable Costs	Pesticides	Herbicides	Herbicides	Crystal (13914)	7.00	2.473	L	17.314	13914			
				29/09/2018	Variable Costs	Herbicides	Herbicides	Omaha 2 (16846)	7.00	0.753	L	5.269	16846				
				29/09/2018	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000					
				01/10/2018	Variable Costs	Pesticides	Molluscicides	Molluscicides	Sluax HP (16571)	7.00	4.988	kg	34.917	16571			
				01/10/2018	Fixed Costs	Machinery Costs	Application	Slug Quad	7.00	1.000	ha	7.000					
				27/02/2019	Variable Costs	Adjuvants	Adjuvants	Biopower	7.00	0.956	L	6.689					
				27/02/2019	Variable Costs	Pesticides	Herbicides	Herbicides	Hana (16190)	7.00	0.764	L	5.351	16190			
				27/02/2019	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000					
				28/03/2019	Variable Costs	Nutrition	Trace Elements	Trace Elements	Opte 5	7.00	0.760	L	5.323				
				28/03/2019	Variable Costs	Fungicides	Fungicides	Opte Mag	7.00	0.760	L	5.323					
				28/03/2019	Variable Costs	Fungicides	Fungicides	Bravo 500 (14548)	7.00	1.001	L	7.004	14548				
				28/03/2019	Variable Costs	Pesticides	Growth Regulators	Growth Regulator	Stablan 750 (09303)	7.00	1.241	L	8.685	09303			
				28/03/2019	Variable Costs	Pesticides	Growth Regulators	Growth Regulator	Terpal (17440)	7.00	0.400	L	2.802	17440			
				28/03/2019	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000					
				18/04/2019	Variable Costs	Nutrition	Trace Elements	Trace Elements	Opte 5	7.00	0.770	L	5.396				
				18/04/2019	Variable Costs	Nutrition	Trace Elements	Trace Elements	Opte Mag	7.00	0.770	L	5.390				
18/04/2019	Variable Costs	Fungicides	Fungicides	Fungicides	Skyway 285 Xpro (15028)	7.00	1.249	L	8.744	15028							
18/04/2019	Variable Costs	Pesticides	Growth Regulators	Growth Regulator	Stablan 750 (09303)	7.00	0.684	L	4.791	09303							
18/04/2019	Variable Costs	Pesticides	Growth Regulators	Growth Regulator	Terpal (17440)	7.00	0.205	L	1.431	17440							
18/04/2019	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000									
24/05/2019	Variable Costs	Pesticides	Fungicides	Fungicides	Bravo 500 (14548)	7.00	1.000	L	7.000	14548							
24/05/2019	Variable Costs	Pesticides	Fungicides	Fungicides	Librax (17107)	7.00	1.500	L	10.500	17107							
24/05/2019	Fixed Costs	Machinery Costs	Application	Spray	7.00	1.000	ha	7.000									
15/08/2018	Variable Costs	Pesticides	Adjuvants	Adjuvants	Aqua scope	6.47	0.201	L	1.300								
15/08/2018	Variable Costs	Herbicides	Herbicides	Herbicides	Gallup XL (17663)	6.47	2.279	L	14.796	17663							
15/08/2018	Fixed Costs	Machinery Costs	Application	Spray	6.47	1.000	ha	6.470									
02/09/2018	Variable Costs	Pesticides	Insecticides	Insecticides	Hallmark With Zeon Technology (12629)	6.47	0.075	L	0.485	12629							
02/09/2018	Fixed Costs	Machinery Costs	Application	Spray	6.47	1.000	ha	6.470									
05/09/2018	Variable Costs	Pesticides	Molluscicides	Molluscicides	Sluax HP (16571)	6.47	5.044	kg	32.536	16571							
05/09/2018	Fixed Costs	Machinery Costs	Application	Slug Quad	6.47	1.000	ha	6.470									
17/09/2018	Variable Costs	Adjuvants	Adjuvants	Adjuvants	C-Cure	6.47	0.189	L	1.224								
17/09/2018	Variable Costs	Pesticides	Herbicides	Herbicides	Topkat (17356)	6.47	1.497	L	9.689	17356							
17/09/2018	Variable Costs	Insecticides	Insecticides	Insecticides	Hallmark With Zeon Technology (12629)	6.47	0.075	L	0.485	12629							
17/09/2018	Fixed Costs	Machinery Costs	Application	Spray	6.47	1.000	ha	6.470									
16/11/2018	Variable Costs	Pesticides	Fungicides	Fungicides	Prozaro (16732)	6.47	0.788	L	5.099	16732							
16/11/2018	Variable Costs	Herbicides	Herbicides	Herbicides	Kerb Flo (13716)	6.47	1.482	L	9.587	13716							
16/11/2018	Fixed Costs	Machinery Costs	Application	Spray	6.47	1.000	ha	6.470									

This is the third report you will find in the **Field Operations** section of the menu on the left-hand side of the Analysis module.

To run the report:

1. Make sure the data has been refreshed.
2. Select the report from the menu on the left.
3. Ensure the correct business and year are selected in the filter and click **OK**.

If you don't already, it is worth thinking about adding tasks such as cultivations, subsoil activity to your field records and these can provide valuable insights in future years. These can be entered via the **Recording** module in Gatekeeper, or if you are using **Gatekeeper Web Apps** these can be added directly from the field as they are completed. If you haven't tried this before, please take a look at our handy [Web Apps Cab sheets](#) for operators.

Sharing the reports

Shown below are 2 different ways of sharing your reports from Gatekeeper. When using either method please share your reports to: agzeroplus@ceh.ac.uk

Crop Group	Variety	Field Defined Name	Fertiliser Nutrient Name	Actual Issued Date	Product Name	Rate per Application Area ha	Units	Fertiliser Nutrient Rate per Working Area	
Barley Spring	KivS Vira	Back Bungalow	Mn	18/04/2019	Manganese Extra	1.000	1.000	0.15	
			N	19/04/2019		198.359	69.43		
				10/05/2019		138.851	42.60		
				19/04/2019	Nuram 35 + S	198.359	13.09		
				10/05/2019		138.851	9.72		
				18/03/2019	MOP	179.154	107.50		
	Lang Field A			Mn	30/03/2019	Manganese Extra	1.070	1.070	0.16
				N	22/02/2019	Chater 25-12.5	250.000	62.90	
					13/03/2019	Nuram 35 + S	257.866	90.25	
				P205	23/09/2018	Triple Super Phosphate	197.309	90.76	
					22/02/2019	Chater 25-12.5	250.000	31.25	
					13/03/2019	Nuram 35 + S	257.866	18.05	
Barley Winter	KivS Glacier	Pri Field A	Mn	30/03/2019	Manganese Extra	1.070	1.070	0.16	
			N	22/02/2019	Chater 25-12.5	250.000	62.90		
				13/03/2019	Nuram 35 + S	257.866	90.25		
				23/09/2018	Triple Super Phosphate	197.309	90.76		
				22/02/2019	Chater 25-12.5	250.000	31.25		
				13/03/2019	Nuram 35 + S	257.866	18.05		
	Tower A			Mn	30/03/2019	Manganese Extra	1.070	1.070	0.16
				N	22/02/2019	Chater 25-12.5	250.000	62.90	
					13/03/2019	Nuram 35 + S	257.866	90.25	
				P205	23/09/2018	Triple Super Phosphate	197.309	90.76	
					22/02/2019	Chater 25-12.5	250.000	31.25	
					13/03/2019	Nuram 35 + S	257.866	18.05	
Pipkin	Burtons		Mn	30/03/2019	Manganese Extra	1.070	1.070	0.16	
			N	22/02/2019	Chater 25-12.5	220.181	55.05		
				13/03/2019	Nuram 35 + S	253.365	88.68		
				P205	22/02/2019	Chater 25-12.5	220.181	27.92	
					22/02/2019	Triple Super Phosphate	252.180	116.01	
					13/03/2019	Nuram 35 + S	253.365	17.74	
Bears Dried Winter	Tundra		Mn	25/05/2019	Manganese Extra	2.500	2.500	0.38	
			P205	24/10/2018	Triple Super Phosphate	169.427	77.94		
			Mn	2.500	2.500	0.38			
			P205	169.427	169.427	77.94			
			Mn	2.500	2.500	0.38			
			P205	169.427	169.427	77.94			
Unseed Winter	Sideral		Mn	24/10/2018	Manganese Extra	2.500	2.500	0.38	
			P205	169.427	169.427	77.94			
			K2O	02/03/2019	MOP	65.000	61.00		

To share the reports, you will need to use the **Publish Grid Contents** icon located at the bottom of the screen.

File Format

PDF Document (.pdf)

Comma-separated (.csv)

Tab-separated (.tsv)

XML Document (.xml)

Publish Options

Publish via email

Save to file

Document file name: Analysis - CEH Farm Health Check Fertilisers Applied .csv

File location: C:\Users\josina\OneDrive - Reed Elsevier Group\ICO Reed Elsevi...

OK Cancel ?

From the selector window:

1. Select the file type .csv
2. Select save to file.
3. Choose a location to save the file to.
4. Email your file as an attachment.

Alternatively, you can choose to **Publish via email**, which will send an email for you with the report attached the next time you synchronise. In order to use this, you will need:

1. A contact set up with a valid email address – you can find this from the **Business and Year Selector** button and **Setup Business Contacts**.
2. Your email address setup under **Tools>User Manager**.

For more information on this, please take a look at a short tutorial video on this [here](#).