



Nutrient Planning

September 2023



Contour Nutrient Planner has been designed to help advisors and farmers quickly and easily calculate nutrient requirements, plan fertiliser applications, and check NVZ compliance (England & Wales).

For both wholefield and precision planning, the tool enables you to create a complete crop nutrition plan for the whole farm in one simple flow that offers precision, flexibility, and control.

We'd love to hear your feedback – please send your thoughts and ideas to info@digital.originenterprises.com

Notes: Recommendation Calculations

- *Nutrient recommendations are calculated in accordance with the latest edition of RB209.*
- *Nitrogen recommendations are calculated using the field assessment method of crop, previous crop, soil type and rainfall.*
- *Rainfall data is an annual average value calculated from the centre of the farm's field boundaries.*
- *Soil type is taken from Cranfield and James Hutton soil data if not entered manually.*
- *Soil analysis results are decimalised to provide more accurate P&K recommendations than the standard recommendations in RB209.*

Notes: Organic Applications

Organic applications use soil type, cropping, application date, and application method to calculate nutrient availability values in accordance with RB209 availability. Please note that for NVZ calculations, total and available nitrogen values differ from RB209 (see NVZ guidelines for values). For products not in the NVZ guidelines, RB209 values are used.

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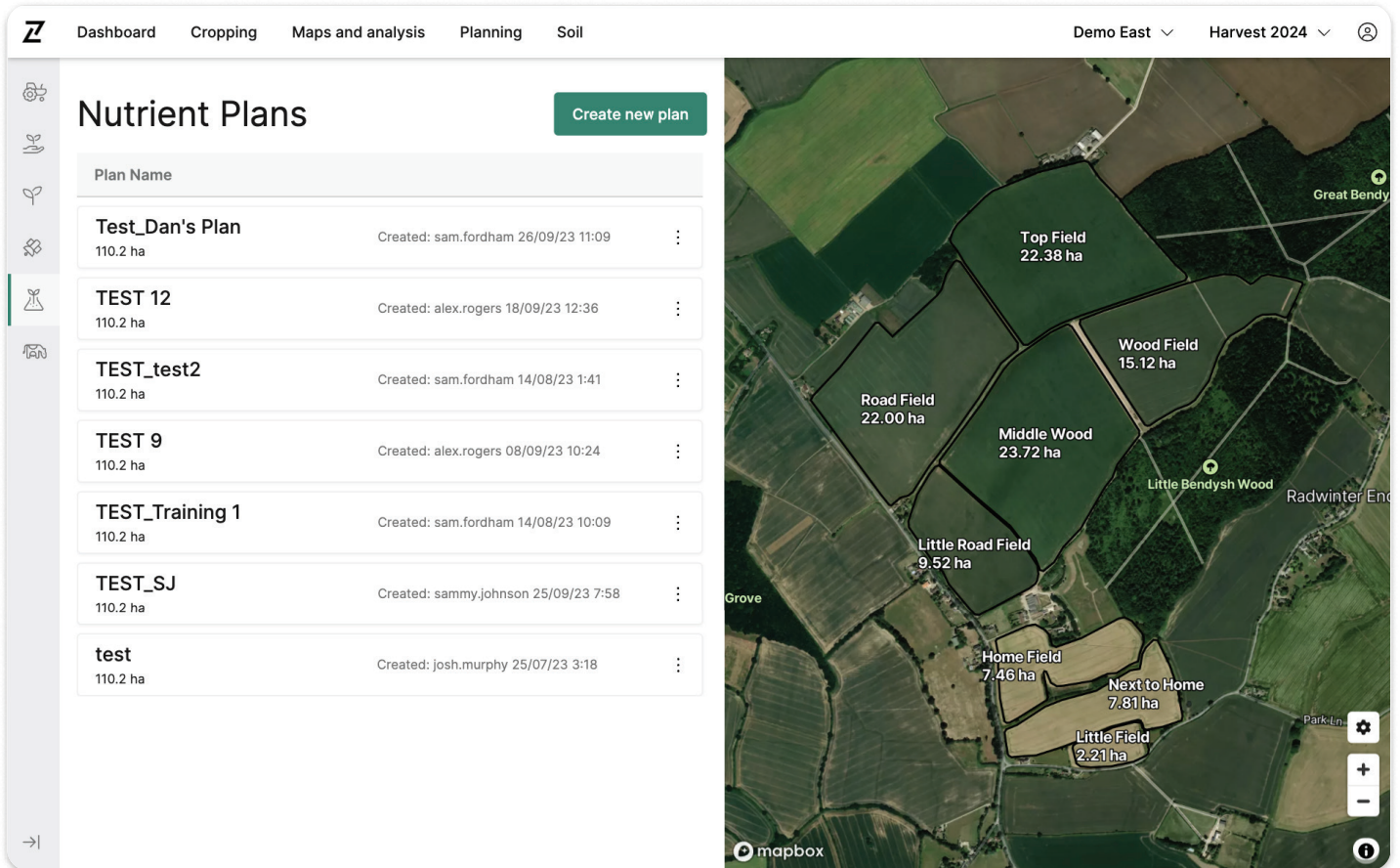
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Accessing Nutrient Planning in Contour

The Nutrient Planner Homepage

The Nutrient Planner homepage is your central hub for accessing and managing all nutrient plans, and is accessed through the Planning tab and  icon in Contour.



Nutrient Plans

Create new plan

Plan Name	Created:	
Test_Dan's Plan 110.2 ha	sam.fordham 26/09/23 11:09	:
TEST 12 110.2 ha	alex.rogers 18/09/23 12:36	:
TEST_test2 110.2 ha	sam.fordham 14/08/23 1:41	:
TEST 9 110.2 ha	alex.rogers 08/09/23 10:24	:
TEST_Training 1 110.2 ha	sam.fordham 14/08/23 10:09	:
TEST_SJ 110.2 ha	sammy.johnson 25/09/23 7:58	:
test 110.2 ha	josh.murphy 25/07/23 3:18	:

Map labels: Top Field 22.38 ha, Road Field 22.00 ha, Middle Wood 23.72 ha, Wood Field 15.12 ha, Little Road Field 9.52 ha, Home Field 7.46 ha, Next to Home 7.81 ha, Little Field 2.21 ha, Little Bendysh Wood, Radwinter End, Grove, Park Ln.

Applying Filters

The filters located in the top right-hand menu select specific farm and harvest year, and only plans for that farm and year are displayed, allowing you to easily locate and manage the relevant plans.

Plan Management

From the homepage, you're equipped with all the tools you need to effectively manage your plans. This includes creating new plans, editing existing ones, deleting plans, or downloading reports and GPS files.

Navigating a Nutrient Plan

Viewing a Plan

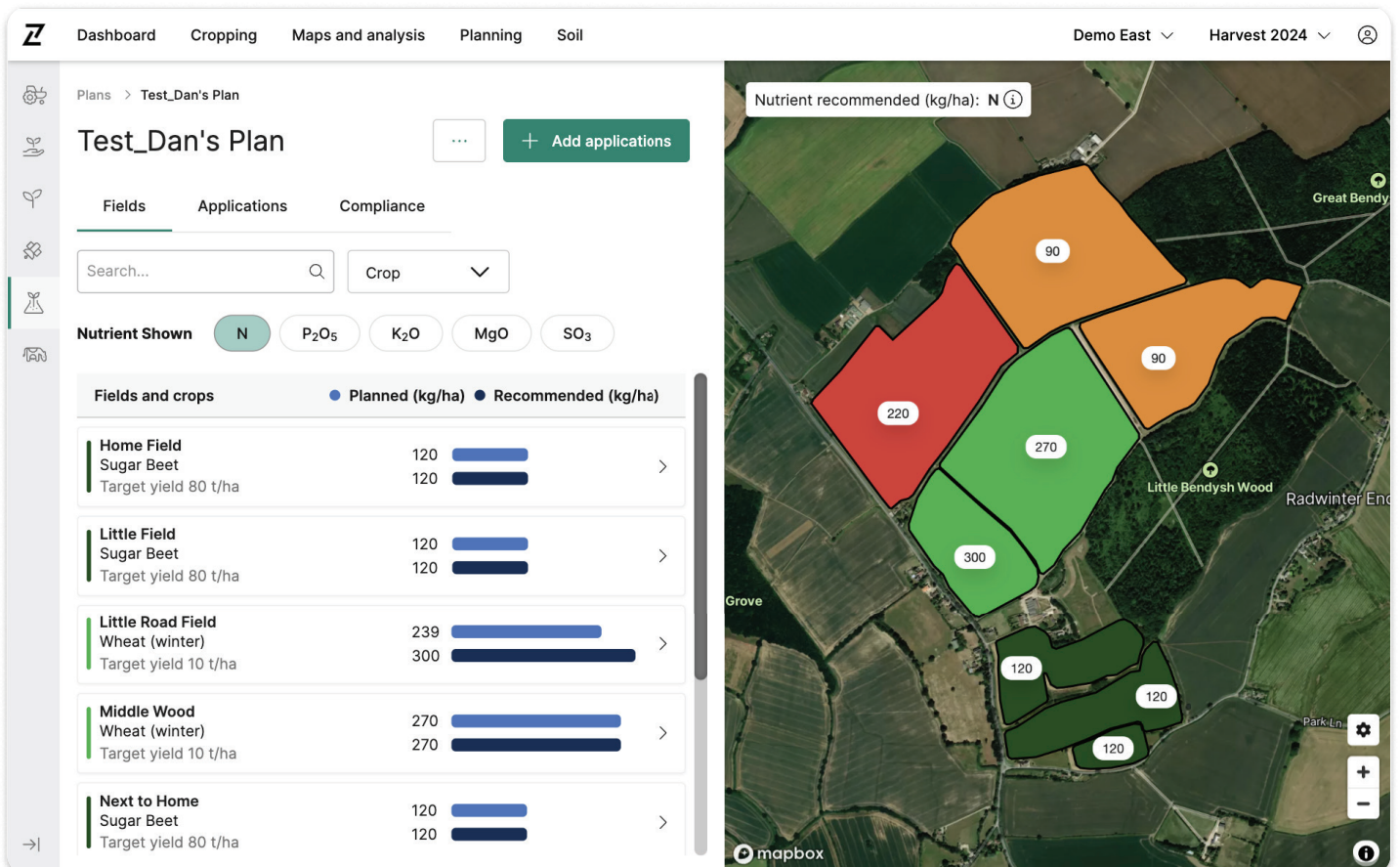
To view a nutrient plan, click on its name from the Nutrient Planner homepage, or to edit it, use the three dots.

Plan Fields

The **Plan Fields** page displays all the fields in the nutrient plan, both in a list and on the map.

Wholefield nutrient recommendations for the selected nutrient are displayed in the field list and on the map labels, providing an overview of field nutrient requirements. The nutrient shown can be switched between N, P₂O₅, K₂O, MgO and SO₃.

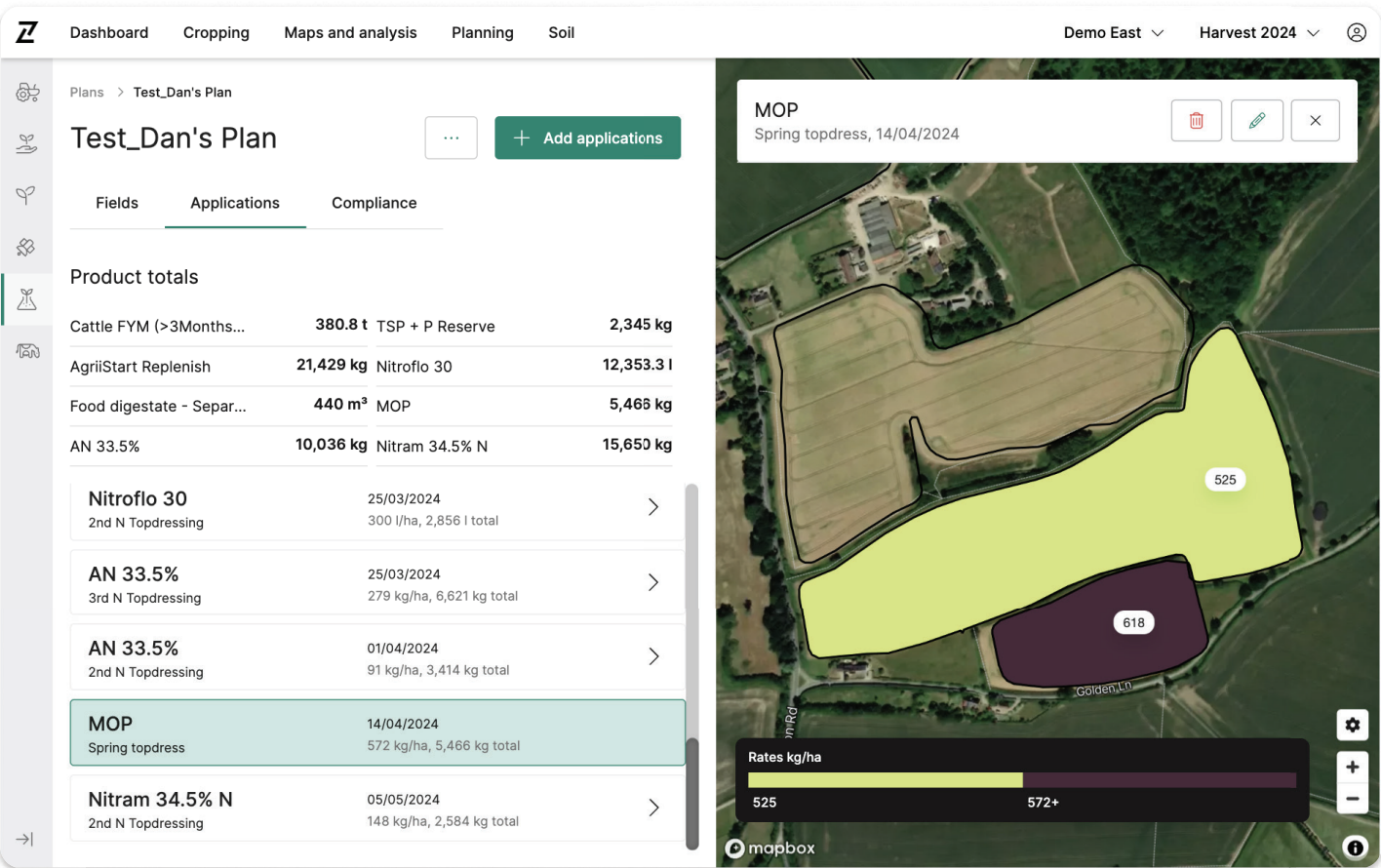
Nutrients planned from applications are displayed in the field list alongside recommendations to provide a quick comparison between recommended and planned nutrient values.



Plan Applications

The **Plan Applications** page displays all the planned applications in the nutrient plan, and their cumulative product totals.

Selecting an application updates the map to show application rates, and zooming in will display these on a label.

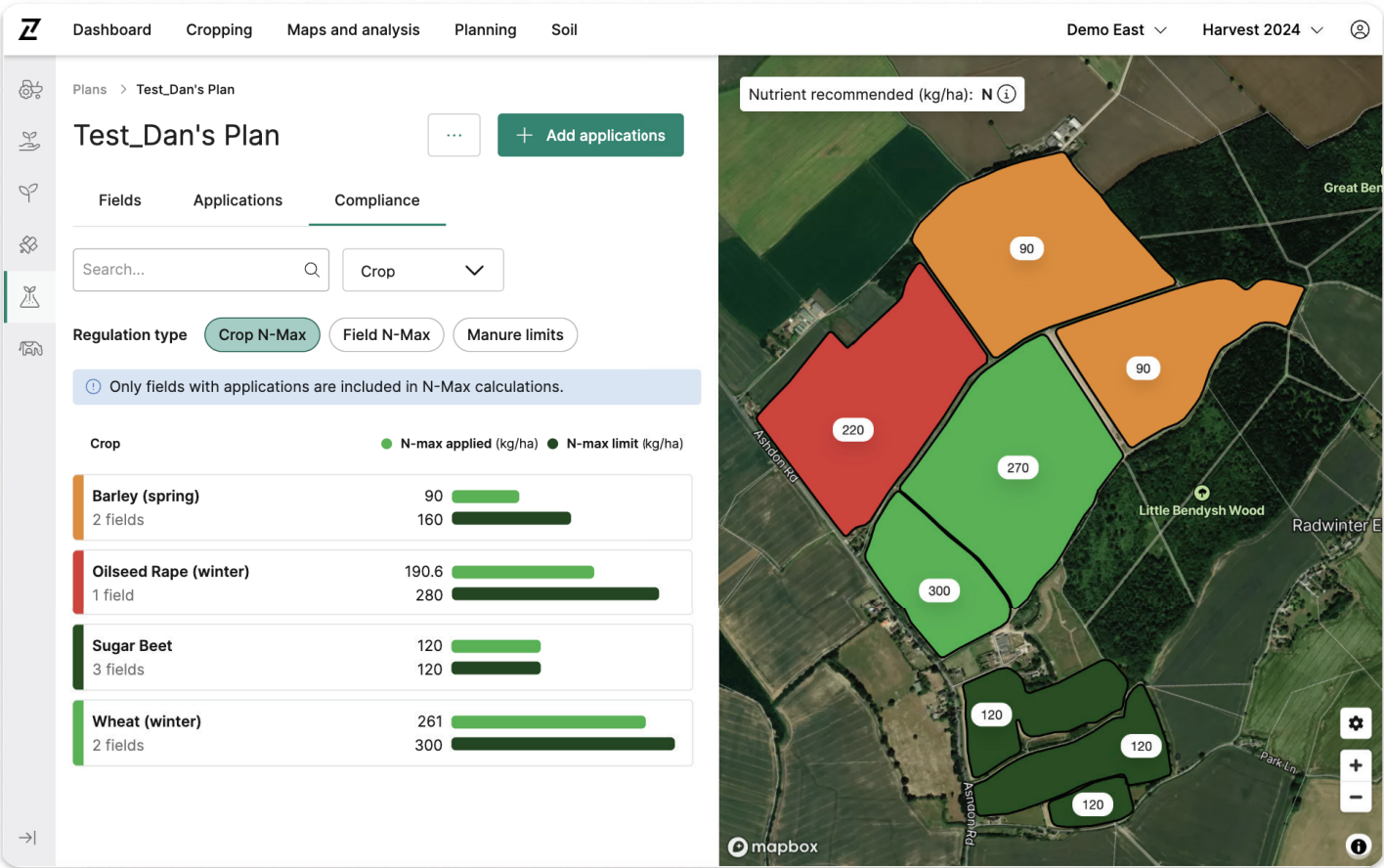


Plan Compliance

The **Plan Compliance** page displays NVZ compliance information for N-Max and Field Manure Limits.

N-Max is calculated per crop to demonstrate compliance with N-Max legislation, and is also calculated per field to identify any fields which may be contributing to a potential breach of the crop limit.

Note - NVZ limits are currently only calculated for fields in England and Wales.



Selecting a field on the **Plan Fields**, **Plan Applications**, or **Plan Compliance** page provides more detail on that field. The **Field Page** displays in-depth information about applications, nutrients, and soil analysis:

- Selecting an application shows a rate map, from which you can easily edit rates for each zone by selecting them on the map.
- Planned and recommended nutrient values for both field and zones are displayed for easy comparison.
- The **Soil Analysis** tab can be selected to view nutrient indices for P, K, Mg, and pH, enabling you to cross reference with planned and recommended nutrient values.

From the **Field page** you can directly navigate to other fields by selecting from the map.

Dashboard Cropping Maps and analysis Planning Soil Demo East Harvest 2024

Plans > Test_Dan's Plan > Wood Field

Wood Field

Barley (spring) - KWS Sassy

+ Add applications

2 Applications

Application	Date	Rate
AgriiStart Replenish	13/03/2024	350 kg/ha, 5,293 kg total
AN 33.5%	01/04/2024	91 kg/ha, 1,377 kg total

Nutrients Soil Analysis

Planned Recommended nutrients (kg/ha)	
Average nutrient	90 90 42 72 81 111 0 0 39 20
Zone	N P ₂ O ₅ K ₂ O MgO SO ₃
Whole Field	90 90 42 72 81 111 0 0 39 20

Map: AN 33.5% 2nd N Topdressing, 01/04/2024. Select a zone to change its rate. Rates kg/ha: 91.

Creating a Plan

Getting Started

To start, click 'Create new plan' on the Nutrient Planner homepage, give your plan a name and select the fields you want to include. To help you find only relevant products later when adding applications, you'll need to select a shortlist of the products that you'd like to be available in the plan, but you can always add to this list later.

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Create Plan

Choose fields

Choose products

Product Shortlist

Agrii

Can't find the product you want? Add a [custom product here](#).

Products	Unit	N	P ₂ O ₅	K ₂ O	MgO	SO ₃
Selected (4)						
All Products (13)						
<input checked="" type="checkbox"/> Agrii-Start NKS plus...	kg	17.5%	0%	23.5%	2%	14.5%
<input checked="" type="checkbox"/> Agrii-Start P Plus	kg	0%	46%	0%	0%	0%
<input checked="" type="checkbox"/> Agrii-Start Spring C...	kg	32.6%	22%	0%	0%	0%
<input checked="" type="checkbox"/> Agrii-Start Spring C...	kg	17%	11.5%	22.5%	0%	11%
<input type="checkbox"/> AgriiStart Establish	kg	32.6%	22%	0%	0%	0%

Back

Cancel

Create plan

Demo East

Harvest 2024

Adding Applications

The **Add applications** flow is an easy three-step process for creating fertiliser applications to use in your nutrient management plan. One or more applications can be added at a time to increase the speed at which you can plan your fertiliser applications and product requirements.

First, enter the desired timing, product, start date, type, rate, and method for the application(s). You can create custom timings and products* if desired, or use the existing catalogue. For ruleset applications, you can choose the primary nutrient used to calculate product application rates, and optionally set a minimum rate below which rates will be set to 0, and a maximum rate cap.

**Note: New custom products can only be created in 'Edit Plan'.*

Dashboard Cropping Maps and analysis Planning Soil Demo East Harvest 2024

Plans > Test_Dan's Plan > Edit application

☒ Add applications ☐ Choose fields ☐ Summary

Timing	Product	Start	Rate
2nd N Topdressing	Nitram 34.5% N	05/05/2024	RB209 9th E...

Timing: 2nd N Topdressing Product: Nitram 34.5% N Start: 05/05/2024

Application type: Zone ruleset Rate: RB209 9th Edition Application method: Surface Broad...

Primary nutrient: N Minimum product rate: Enter rate kg/ha Maximum product rate: Enter rate kg/ha

Nutrients (kg/ha)

N Auto	P ₂ O ₅ 0	K ₂ O 0	MgO 0	SO ₃ 0
N Auto	P ₂ O ₅ 0	K ₂ O 0	MgO 0	SO ₃ 0

Total Nutrients (kg/ha)

N Auto	P ₂ O ₅ 0	K ₂ O 0	MgO 0	SO ₃ 0
N Auto	P ₂ O ₅ 0	K ₂ O 0	MgO 0	SO ₃ 0

Cancel Next

mapbox

Adding Applications

Next, choose the fields that you'd like to add the application(s) to. The field list can be filtered by name, crop, and variety, and cropping displayed can be switched between current and previous crop. Fields cannot be selected where it will create a duplicate application with the same product and timing.

Dashboard

Cropping

Maps and analysis

Planning

Soil

Downloads

Demo East

Harvest 2024

Plans > Test_Dan's Plan > Add applications

✓ Add applications

● Choose fields

○ Summary

Search...

Current crop

3 fields selected (17.48 ha)

Crop

Previous

Current

✓

Home Field

Sugar Beet

✓

Little Field

Sugar Beet

Little Road Field

Wheat (winter)

Middle Wood

Wheat (winter)

Road Field

Oilseed Rape (winter)

Top Field

Barley (spring)

Wood Field

Barley (spring)

Duplicate application. There is already an application with the same timing and product.

Back

Cancel

Next

Adding Applications

Finally, review the application summary, and select apply to add the application(s) to the selected fields. This will update the **Plan Applications** page with the new application(s).

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Test_Dan's Plan > Add applications

Add applications

Choose fields

Summary

Applications

Nitram 34.5% N

2nd N Topdressing

05/05/2024

RB209 9th Edition, kg total

Apply to

Field name	Crop
Home Field	Sugar Beet
Little Field	Sugar Beet
Next to Home	Sugar Beet

Back

Cancel

Update

Top Field 22.38 ha

Wood Field 15.12 ha

Road Field 22.00 ha

Middle Wood 23.72 ha

Little Road Field 9.52 ha

Home Field 7.46 ha

Next to Home 7.81 ha

Little Field 2.21 ha

mapbox

Great Bend

Radwinter E

Park Ln

CONTOUR

RHIZA

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Viewing, Updating, & Deleting Applications

Selecting an application on the **Plan Applications** page displays its rate map, and is also where you can update or delete it.

Note that when updating an application across multiple fields, the application rates will be recalculated (meaning that any previous bulk adjustments or updates to individual zone application rates will be lost).

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Test_Dan's Plan

Test_Dan's Plan

Fields

Applications

Compliance

Product totals

Cattle FYM (>3Months...	380.8 t	TSP + P Reserve	2,345 kg
AgriiStart Replenish	21,429 kg	Nitroflo 30	12,353.3 l
Food digestate - Separ...	440 m³	MOP	5,466 kg
AN 33.5%	10,036 kg	Nitram 34.5% N	15,650 kg

Nitroflo 30

2nd N Topdressing

25/03/2024

300 l/ha, 2,856 l total

>

AN 33.5%

3rd N Topdressing

01/04/2024

279 kg/ha, 6,621 kg total

>

AN 33.5%

2nd N Topdressing

14/04/2024

91 kg/ha, 3,414 kg total

>

MOP

Spring topdress

05/05/2024

572 kg/ha, 5,466 kg total

>

Nitram 34.5% N

2nd N Topdressing

05/05/2024

148 kg/ha, 2,584 kg total

>

Nitram 34.5% N

2nd N Topdressing, 05/05/2024

CONTOUR

RHIZA

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Application Templates

You can save a set of fertiliser applications as a template to reuse across multiple accounts, farms, and years, speeding up the process of creating new nutrient plans.

Creating Application Templates

To create an application template, click '**Add applications**' in any nutrient plan. Create the application(s) for your template, then instead of pressing 'Next' to choose fields, press 'Templates' in the bottom left, and select 'Save as new'. Enter a name for your template, then hit 'Save template'.

If you'd like to apply your template to the plan you're in, you can then press 'Next' to choose fields and continue as normal. Otherwise, you can click 'Cancel' and discard changes to the plan – your template will already have been saved separately.

Note: Templates can only be created when adding new applications, not when editing existing ones.

The screenshot displays the RHIZA application interface. The top navigation bar includes 'Dashboard', 'Cropping', 'Maps and analysis', 'Planning', and 'Soil'. The user is logged in as 'Demo East' for 'Harvest 2024'. The main content area is titled 'Plans > Test_Dan's Plan > Add applications'. It features three tabs: 'Add applications' (selected), 'Choose fields', and 'Summary'. The 'Add applications' tab shows a table with columns for Timing, Product, Start, and Rate. A single application is listed: '4th N Topdressing' with product 'AN 33.5%', start date '12/04/2024', and rate 'RB209 9th E...'. Below the table, there are input fields for 'Timing' (set to '4th N Topdres...'), 'Product' (set to 'AN 33.5%'), and 'Start' (set to '12/04/2024'). Further down, there are sections for 'Application type' (set to 'Zone ruleset'), 'Rate' (set to 'RB209 9th Edition'), and 'Application method' (set to 'Surface Broad...'). There are also fields for 'Primary nutrient' (set to 'N') and 'Minimum product rate' and 'Maximum product rate' (both set to 'Enter rate kg/ha'). A 'Nutrients (kg/ha)' section shows 'N Auto', 'P₂O₅ 0', 'K₂O 0', 'MgO 0', and 'SO₃ 0'. A 'Total Nutrients (kg/ha)' section shows 'P₂O₅ 0', 'K₂O 0', 'MgO 0', and 'SO₃ 0'. At the bottom left, there is a 'Templates' button. At the bottom right, there are 'Cancel' and 'Next' buttons. On the right side of the interface, there is a map showing a field layout with various colored zones (orange, red, green, dark green) and labels like 'Great Bendy', 'Little Bendish Wood', 'Radwinter End', and 'Park Ln'. The map is powered by Mapbox.

Application Templates

Using Application Templates

To use a template, press 'Templates' during the **Add applications** flow, and click 'View all'. You can then select the template you wish to use, and it will populate in the flow, allowing you to make any tailored adjustments for the plan you're working on before clicking 'Next' to choose fields.

To update a template, instead of clicking 'Next' once you've made your updates, save your updated version as a new template.

Templates can be deleted from the View all templates screen.

Templates

Name	Total applications
<input type="radio"/> > Spring barley	4
<input checked="" type="radio"/> > Winter barley	5
<input type="radio"/> > Winter wheat	5

Timing	Product	Date	Rate
Autumn seedbed	TSP	11/09/2020	-
Spring topdress	MOP	16/03/2021	-
1st N Topdressing	Granular Urea 46%	20/02/2020	100 kg/ha
2nd N Topdressing	AN 33.5%	20/03/2020	200 kg/ha
3rd N Topdressing	AN 33.5%	20/04/2020	-

Updating Applications for Individual Fields

To update an application for a single field without affecting the other fields in the application, go to the **Field page**, then select the application. From the panel at the top of the map, press the expand arrow and make adjustments as required. This panel also allows you to delete the application for a single field without affecting other fields in the application.

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Test_Dan's Plan > Next to Home

Next to Home

+ Add applications

Sugar Beet - Cantona KWS UK

4 Applications

TSP + P Reserve

Spring seedbed

01/01/2024

233 kg/ha, 1,817 kg total

>

Nitram 34.5% N

At drilling

14/03/2024

200 kg/ha, 1,563 kg total

>

MOP

Spring topdress

14/04/2024

525 kg/ha, 4,102 kg total

>

Nitram 34.5% N

2nd N Topdressing

05/05/2024

148 kg/ha, 1,155 kg total

>

Nutrients

Soil Analysis

Planned | Recommended nutrients (kg/ha)

Average nutrient	120	120	107	107	315	315	0	0	0	15
Zone	N	P ₂ O ₅	K ₂ O	MgO	SO ₃					
Field	120 120	107 107	315 315	0 0	0 15					

MOP

Spring topdress, 14/04/2024

Timing

Product

Start

Spring topdress

MOP

14/04/2024

Application type

Rate

Application method

Zone ruleset

RB209 9th Edition

Surface Broad...

Primary nutrient

Minimum product rate

Maximum product rate

K2O

Enter rate kg/ha

Enter rate kg/ha

Select a zone to change its rate

Cancel

Save

525

Rates kg/ha

525

Updating Application Rates for Individual Zones

To tailor rates in individual zones without affecting other zones or fields in the application, go to the **Field Page**, and select the application you want to update. Click the zone you'd like to adjust, and either update the product rate, or input the nutrient value you want to apply.

*Note: The fastest way to update individual zones across multiple fields is to select an application on the **Plan Applications** page, then click the field where you want to update individual zones. The application will remain selected on the **Field Page**, so you can update zone rates straight away. To move to the next field, either click it on the map, or head back to the **Plan Applications** page - in either case the application will remain selected.*

DashboardCroppingMaps and analysisPlanningSoil

Plans > Test_Dan's Plan > Next to Home

Next to Home

Sugar Beet - Cantona KWS UK

TSP + P Reserve

01/01/2024

233 kg/ha, 1,817 kg total

Nitram 34.5% N

14/03/2024

200 kg/ha, 1,563 kg total

MOP

14/04/2024

525 kg/ha, 4,102 kg total

Nitram 34.5% N

05/05/2024

148 kg/ha, 1,155 kg total

Nutrients

Soil Analysis

Planned | Recommended nutrients (kg/ha)

Average nutrient

120 | 120

107 | 107

315 | 315

0 | 0

0 | 15

Zone

N

P₂O₅

K₂O

MgO

SO₃

Whole Field

120 | 120

107 | 107

315 | 315

0 | 0

0 | 15

Whole Field - 7.8 ha

MOP

Rate

525

kg/ha

N

0

P₂O₅

0

K₂O

315

MgO

0

SO₃

0

525

Rates kg/ha

525

Making Bulk Adjustments

Bulk adjustments enable you to update application rates by product, application, or field, using either a percentage change or to match a desired product total. In either case, all application rates will be adjusted by the same proportion.

To make a bulk adjustment, select the 3 dots next to **Add applications** on either the **Plan Fields**, **Plan Applications**, or **Plan Compliance** page.

Adjust by Product

Bulk adjust by product enables you to adjust all applications using the selected product. From the **Product** tab on the **Bulk Adjust** page, select the product(s) you want to adjust, enter the % change you wish to apply or the new product total you'd like to use, then hit 'Save adjustments'.

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Test_Dan's Plan > Bulk adjust

Bulk adjust

Product

Application

Adjust by product

Remove all

Product	Current total		% change		New total
AN 33.5%	10,036 kg	<div>+ -</div>	7	%	9333 kg

Plan products

Add all

AgriiStart Replenish

21,429 kg

+

Cattle FYM (>3Months Old)

380.8 t

+

Food digestate - Separated liquor

440 m³

+

MOP

5,466 kg

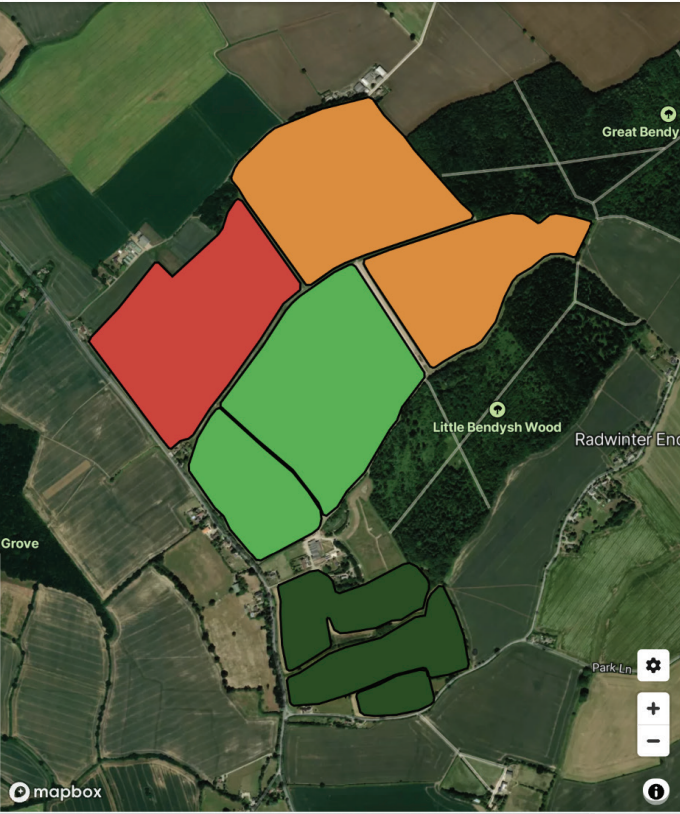
+

Cancel

Save adjustments

Demo East

Harvest 2024



Making Bulk Adjustments

Adjust by Application or by Field

Bulk adjust by application enables you to adjust product totals for a specific combination of product & timing. Individual fields can be selected or deselected, enabling you to adjust product totals for specific fields within an application.

Dashboard

Cropping

Maps and analysis

Planning

Soil

Plans > Test_Dan's Plan > Bulk adjust

Bulk adjust

Product

Application

Adjust by application

Remove all

Application	Current total	% change	New total
Nitram 34.5% N 2nd N Topdressing	5,173 kg	3 %	5000 kg
2 fields selected (29.46 ha)			
<input checked="" type="checkbox"/> Home Field - 7.46 ha Sugar beet - Cantona KWS UK	148 kg/ha		1,103 kg
<input type="checkbox"/> Little Field - 2.21 ha Sugar beet - Cantona KWS UK	148 kg/ha		326 kg
<input type="checkbox"/> Next to Home - 7.81 ha Sugar beet - Cantona KWS UK	148 kg/ha		1,155 kg
<input checked="" type="checkbox"/> Road Field - 22 ha Oilseed rape (winter)	185 kg/ha		4,070 kg

Cancel

Save adjustments

Demo East

Harvest 2024

Nutrient Planner automatically checks NVZ compliance for fields situated in England & Wales, incorporating country-specific rules. The system auto-assigns an NVZ status to each field, but you also have the option to label fields as either inside or outside of an NVZ should you prefer to treat them differently.

N-Max limits and Field Manure limits can be checked on the **Plan Compliance** page and compared against nitrogen in planned applications.

Note – only fields in an NVZ and with applications are included in NVZ calculations.

Check & Update Field NVZ Status

Nutrient Planner automatically assigns an NVZ status to each field by cross-referencing DEFRA NVZ areas with field boundaries in Contour. The NVZ status of fields can be checked and updated through the **Legislation** page in **Settings**. Fields with an auto-assigned NVZ status are denoted with an asterisk.

The screenshot displays the 'Legislation' page in the Contour RHIZA application. The page title is 'Legislation' with a subtitle 'Farms located in NVZs'. Below this, there is a section 'Review and adjust NVZ' with a note: '*NVZ status auto-assigned using field location'. A table shows the current NVZ status for fields, with a dropdown menu set to 'DEFRA' and a 'Remove all' button. The table lists fields: 'Next to Home' (7.8 ha) with NVZ status 'NVZ England *'. Below this, there is a section for 'Demo East' with a dropdown for 'NVZ Status'. A table lists fields: 'Middle Wood' (23.7 ha), 'Road Field' (22.0 ha), 'Top Field' (22.4 ha), and 'Wood Field' (15.1 ha), all with NVZ status 'NVZ England *'. An 'Add all' button is present. At the bottom right, there is a 'Save adjustments' button.

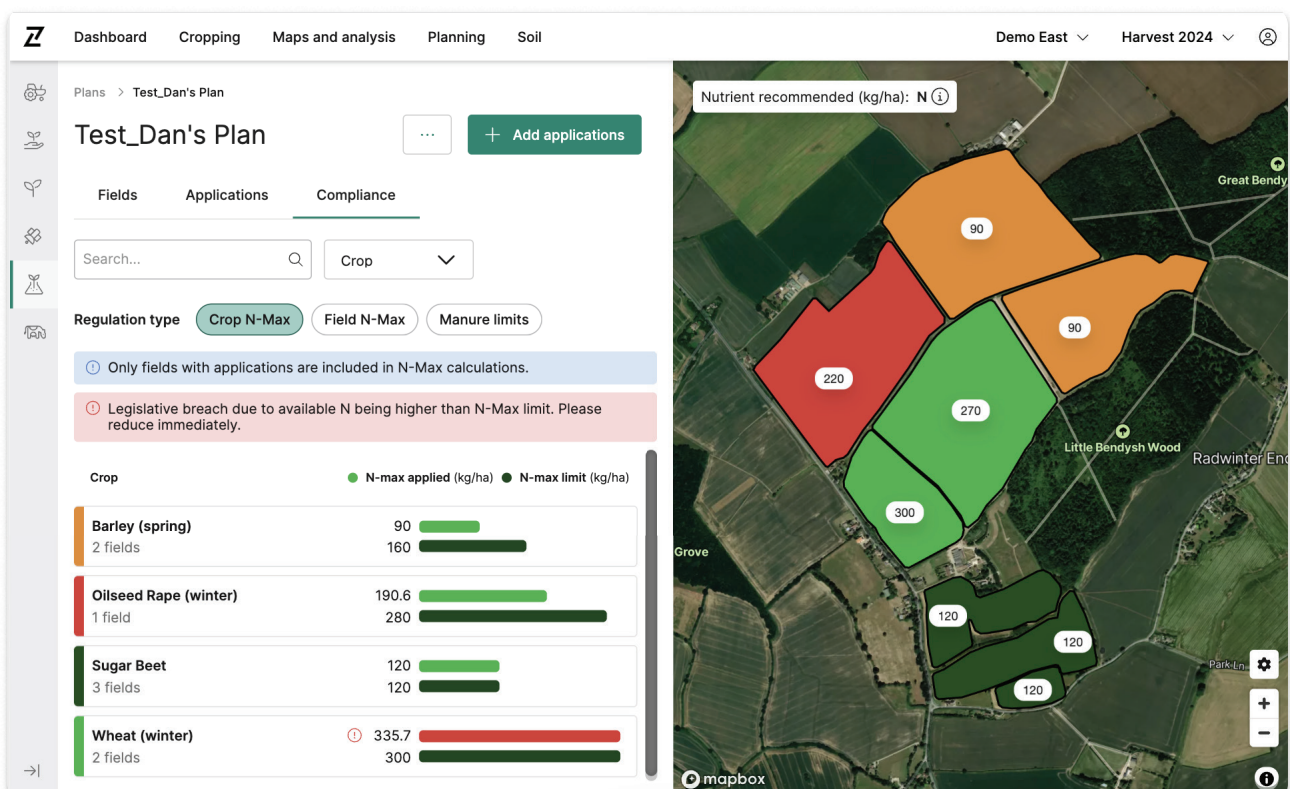
Field name	Farm name	NVZ Status
Next to Home 7.8 ha	Demo East	NVZ England *
Middle Wood 23.7 ha	Demo East	NVZ England *
Road Field 22.0 ha	Demo East	NVZ England *
Top Field 22.4 ha	Demo East	NVZ England *
Wood Field 15.1 ha	Demo East	NVZ England *

Crop & Field N-Max

The Crop N-Max view enables you to quickly and easily check the N-Max limit for each of your crop types against your planned nitrogen applications:

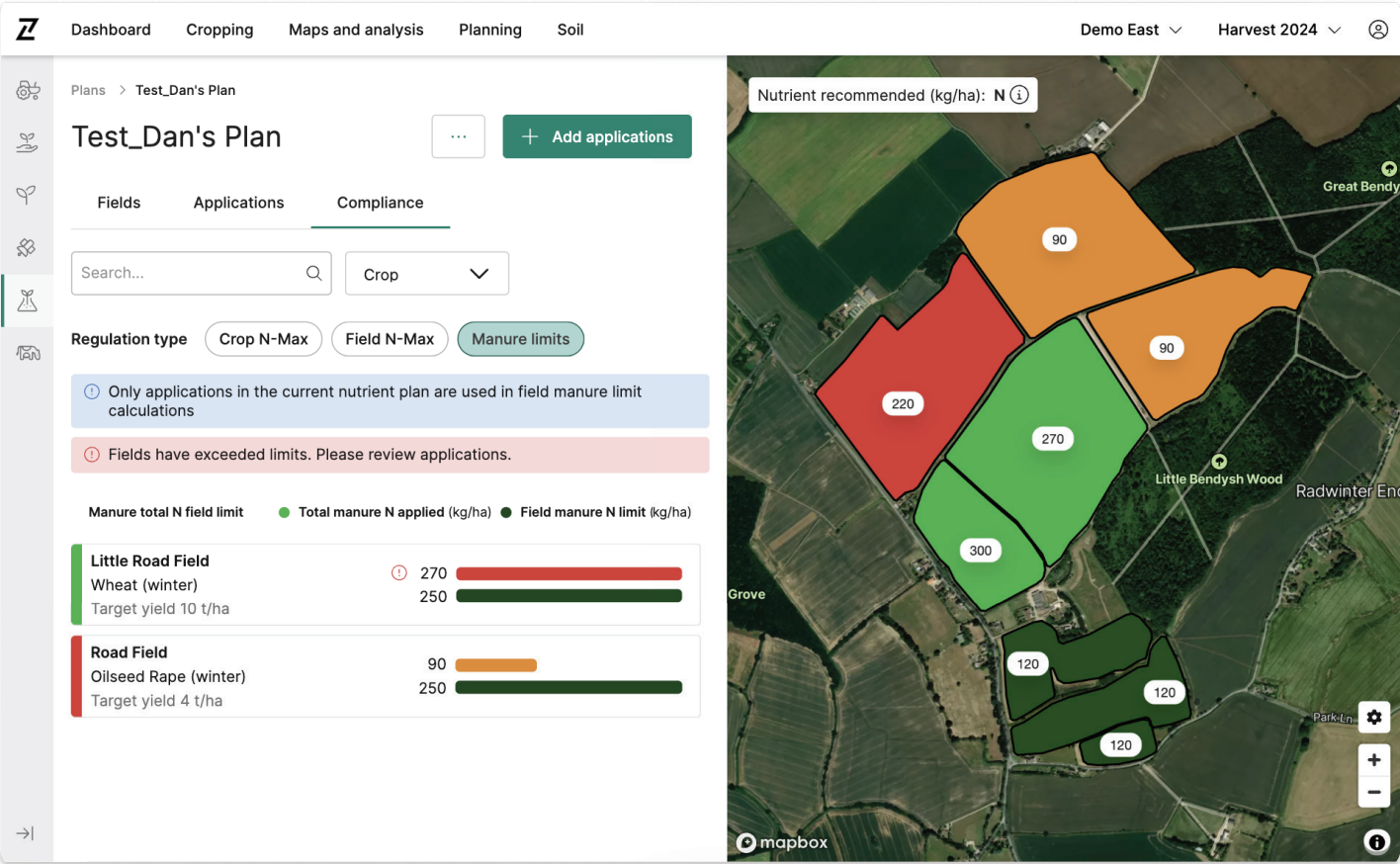
- N-Max limit calculations take into account crop type, crop management, and soil type data down to zone level
- N-Max limit is the maximum average rate of nitrogen that can be applied to that crop type
- N-Max applied is the average rate of nitrogen currently planned for that crop type
- Organic and inorganic nitrogen applications are included when calculating N-Max applied
- NVZ availability values are used in calculations
- For any products not specified in NVZ legislation documents, RB209 nitrogen availability values are used
- Only fields with applications are displayed and included in calculations

The Field N-Max view enables you to check the N-Max limit against planned nitrogen applications per field, which can be used to identify fields which may have higher limits, or may be causing a breach of Crop N-Max limits.



Field Manure Limits

The Manure limits view enables you to check the total organic nitrogen per hectare that you've applied to each field against the 250kg/ha limit if in England, or 170kg/ha limit if in Wales.



File Downloads

File downloads in Nutrient Planner cover a wide range of uses including variable rate application, identifying product totals for ordering, and compliance inspections.

From the Nutrient Planner homepage, you can export and download reports, risk maps, and GPS files for any nutrient plan by clicking the 3 dots next to it. These files can also be downloaded when viewing a plan by clicking the 3 dots next to **Add applications** on either the **Plan Fields**, **Plan Applications**, or **Plan Compliance** page.

The screenshot shows the Nutrient Planner interface. The main panel displays 'Test_Dan's Plan' with tabs for Fields, Applications, and Compliance. The 'Fields' tab is active, showing a table of fields and crops. The 'Downloads' modal is open on the right, showing options for 'GPS Files' and 'Reports'. The 'Reports' section lists four report types: Job Sheet Report, Nutrient Management Report, NVZ Report, and NVZ Risk Map, each with a brief description and a 'Download' button.

Fields and crops	Planned (kg/ha)	Recommended (kg/ha)
Home Field Sugar Beet Target yield 80 t/ha	120	120
Little Field Sugar Beet Target yield 80 t/ha	120	120
Little Road Field Wheat (winter) Target yield 10 t/ha	239	300
Middle Wood Wheat (winter) Target yield 10 t/ha	270	270
Next to Home Sugar Beet Target yield 80 t/ha	120	120

Job Sheet Reports

Job sheet reports provide a summary of applications inside the nutrient plan, including overall product totals, field product totals grouped by application (product & application timing), and application maps. Application dates can be recorded on the job sheet by operators for easy record keeping when back in the office. Job sheet report downloads are disabled until at least one application has been created.

Nutrient Management Reports

Nutrient management reports provide a detailed breakdown of crop nutrient requirements against the nutrient content of planned applications. A summary is provided for each zone in your nutrient plan, containing soil analysis data, nutrient recommendations (N, P₂O₅, K₂O, MgO and SO₃), planned fertiliser applications (product, timing, rate, nutrients supplied) and total nutrient applied.

Nutrient management reports can also be downloaded without any applications in order to demonstrate that recommendations have been calculated early in the season before applying any fertiliser.

NVZ Reports

NVZ reports provide a detailed breakdown of N-Max calculations and Field Manure limits.

N-Max calculations display the total amount of available N from organic and inorganic applications, and total available N applied to each crop type. N-Max limit calculations are provided at zone level to identify any adjustments for yield, shallow soils, and crop management.

Manure field limit calculations are also provided to demonstrate the total amount of organic N applied per hectare.

Note: Only fields with applications are included in NVZ reports

NVZ Risk Maps

NVZ risk maps illustrate spreading risk across the farm, using field and zone boundaries, Ordnance Survey data, and soil type data to calculate risk scores and to identify no spread zones.

NVZ risk maps can take up to 5 minutes to generate as PDFs, and the page must be refreshed after selecting generate before they will download. In the event of the map displaying “no data”, please contact support.

Variable Rate Application (VRA) files

Variable rate application (VRA) files for a wide range of machinery manufacturers can be downloaded for your nutrient plan, including shapefile and ISOXML formats. VRA file downloads contain all applications in the nutrient plan and are ordered into folders based on applications (product & application timing). Out of boundary and loss of GPS rates can be specified for ISOXML files if desired.

DashboardCroppingMaps and analysisPlanningSoil

Demo EastHarvest 2024

Set default rates

Loss of GPS rate and Out of boundary rate only required for ISOXML controllers.

Timing	Product	Loss of GPS rate ⓘ	Out of boundary rate ⓘ
Spring seedbed 13/03/2024	AgriiStart Replenish	0.00 kg/ha	0.00 kg/ha
2nd N Topdressing 01/04/2024	AN 33.5%	0.00 kg/ha	0.00 kg/ha
Spring seedbed 01/01/2024	TSP + P Reserve	0.00 kg/ha	0.00 kg/ha
At drilling 14/03/2024	Nitram 34.5% N	0.00 kg/ha	0.00 kg/ha
Spring topdress 14/04/2024	MOP	0.00 kg/ha	0.00 kg/ha
2nd N Topdressing			

Cancel

Download files