User Guide

DESKTOP • TABLET • MOBILE

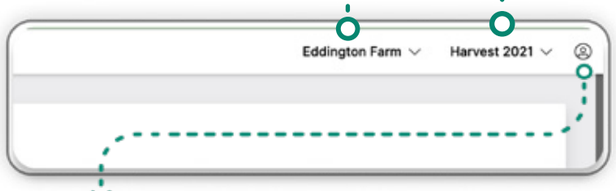
RHIZA | CONTOUR

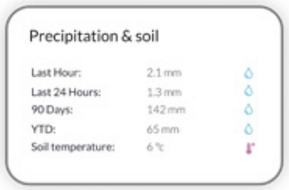
https://www.contour.ag-space.com/

This user guide has been created for all users, so some features are dependent on service levels or distributor agreement.

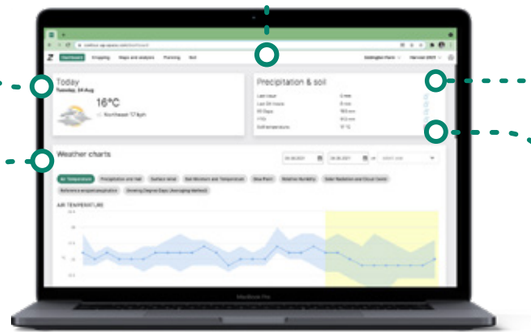
Change farm

Change harvest year
Always check the correct farm and harvest year is selected





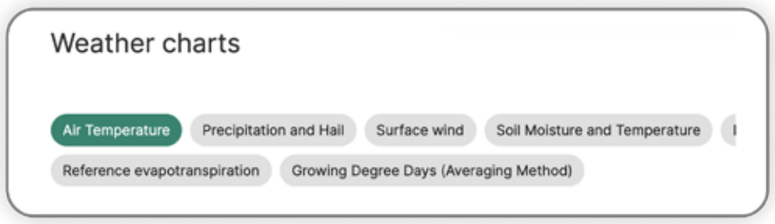
Settings
Change account if you have access to multiple, logout, change language and general settings



Septoria risk indicator
Click the indicator to get a risk graph. This is swapped for a BYDV risk later in the season

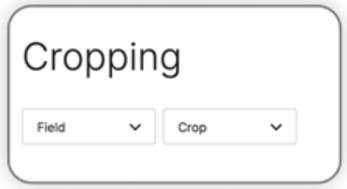
Farm output
Yield potential by t/ha or total for each crop

Weather chart
Select start & end date for chart and/or comparison year. Select/deselect each weather feature to display the charts. Soil moisture, topsoil temperature and leaf canopy wetness charts are available here.



Allocate crop
Select 1 or more fields (left hand check box)

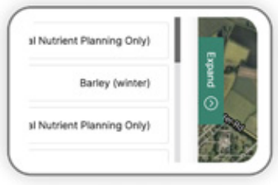
Filter
By field or crop



View Map
Select fields from the map, then 'Allocate Crop'

Area total by crop
Select 'eye'

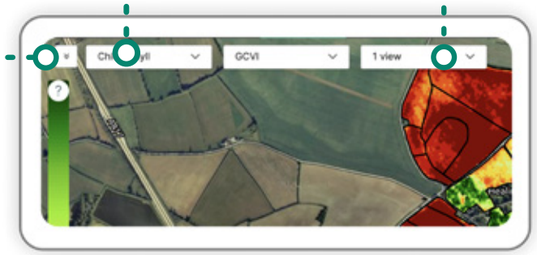
Historical data and advanced details
Click to expand



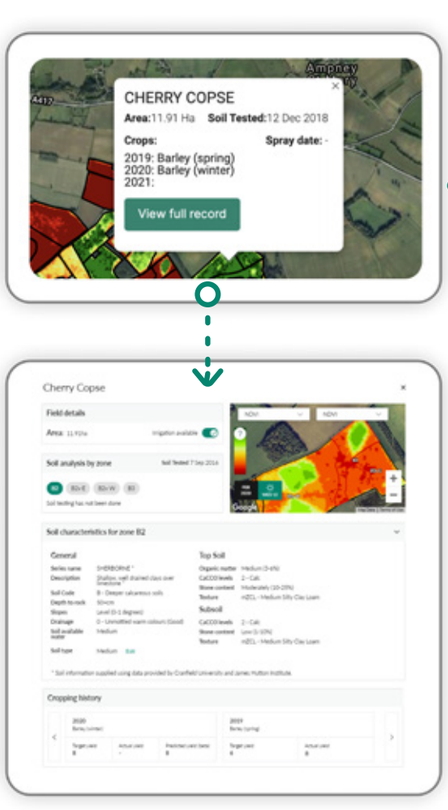
One, two or four views
Open multiple map windows. 'Motion Sync' option appears when multiple map windows are used

Select imagery
View Chlorophyll, NDVI, Crop Growth, SOB, Soilscan, Pest & Disease Risk. Available options will depend on service level package

Turn field names and observations on/off
Far left down arrows to turn field names and observations on/off



Field data
Click on any field, 'View full record' to get soil data and soil analysis results



Date
The dates a satellite captured an image, represented by sunny, partial or cloudy icons

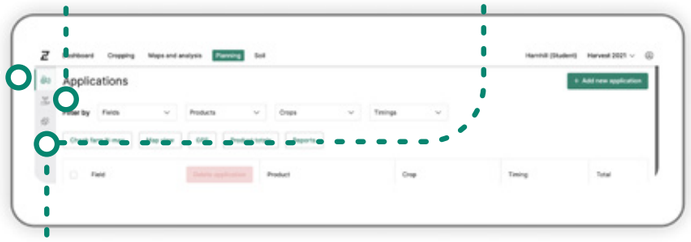
Applications
Summary of applications

Nutrients
Summary of nutrients applied

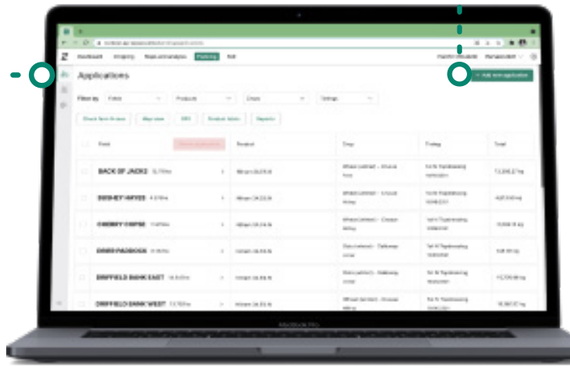
Imagery
Create fertiliser and seed plans based on satellite imagery

Image-based seed planning demo

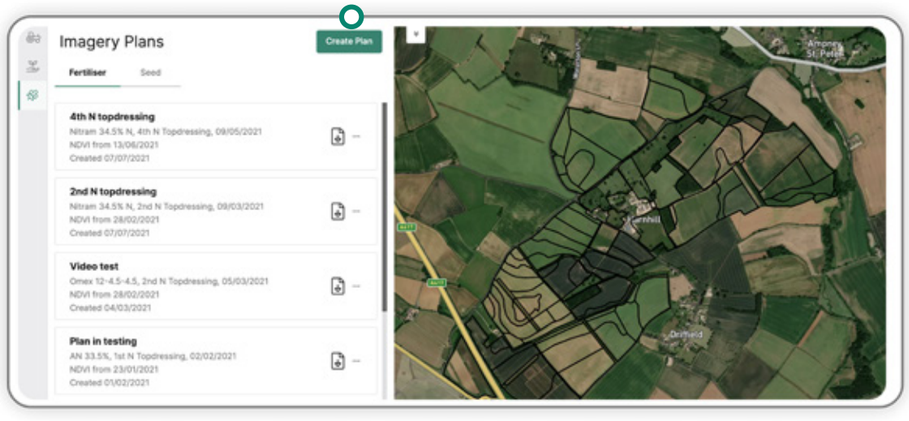
Image-based nutrient planning demo



Add an application
Can be added on Applications and Nutrients tabs



Create a Plan
A plan can be created in the imagery tab



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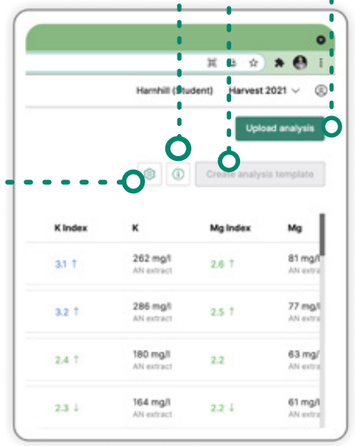
Soil

Upload analysis
Upload a compatible template. We now support xls and csv uploads. Speak to your account manager for support

Create analysis template
Select fields, then 'Create analysis template' to upload any soil results

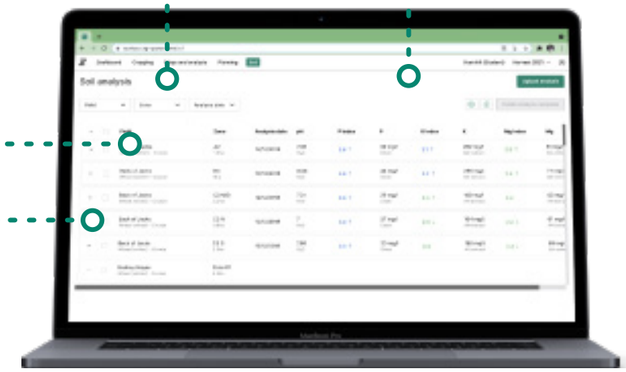
Delete soil analysis

Index values information
Shows pop up key to help comparison of nutrient levels

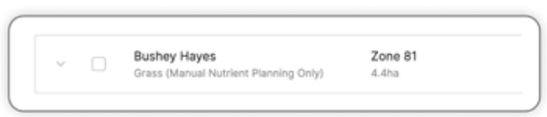


Filter by Field, Zone and Analysis Date

Drop down to display historical soil sampling analysis



Select fields



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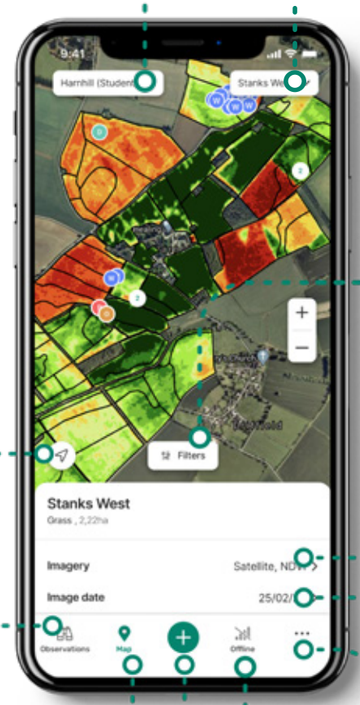
Current farm
Switch between farms in the account (change account in 'More')

Change field and farm

Share observations
You can now share your observations via messaging platforms such as Whatsapp

Filters
Turn observations and zone labels on/off. Filter observations by category and date

Current location
Tap this to zoom to your current position



Select type of imagery
Satellite or soil and filter NDVI, GCVI, pH etc.

Observations page
View list of existing observations and filter

Select date
Sunny, partial or cloudy icons represent what images are available. Swipe left to download images for offline use

Map page
Tap to return to map

Offline page
Access offline

Add Observation
Tap this button then move map to set green centre pin to location of observation. Add the Observation Type, tap to draw polygon, add photos, notes and count. This will automatically synchronise to Contour once you have a stable network connection ('!' will appear next to your observation if this fails)

More page
Change account. Displays all available farms (if you have access to multiple accounts e.g. an agronomist.) Reset and sign out here too

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Download the app and login with your desktop credentials

Watch the demo

*Make sure you have the latest version of the app.

Download on the App Store

GET IT ON Google Play

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Definitions

SOBREL
Displays variations in colour of bare soil in range based on a single field. This should not be compared to other fields.

SOB12
Uses optical imagery to distinguish variations in bare soil. Variations in colour can indicate changes in a range of soil characteristics. Typically soil sampling based on the image is used to confirm the variations.

CHL12
Analyses variation in crop greenness on a 12-band index scale. Useful for late foliar applications when the crop canopy becomes fully developed and there is little or no variation in the NDVI image. As chlorophyll changes depend on a variety of conditions, comparisons between fields must be treated with caution.

CHLREL
Uses a range to display the variation of Chlorophyll across a single field. Images cannot be compared to each other.

Soil Analysis
Soil analysis produces an accurate reading for a range of nutrients (P, K, Mg and Ph). These are then displayed on screen using a range of colours to indicate the scale.

NDVI-EARLY
Analyses variation in crop vigour (as per NDVI) on a 10-band index scale, however only between index 0.0 - 0.4. This allows smaller variations at earlier growth stages to be visible and is therefore more suited to early season applications. Once it becomes saturated, switch to NDVI.

NDVI
Analyses variation in crop vigour (a combination of leaf area & greenness) on a 10-band index scale from 0.0 to 1.0. Becomes saturated with green once the crop canopy is fully developed.

GCVI
Green Chlorophyll Vegetation Index (GCVI) detects changes in the crop canopy once it has reached peak leaf area index. This shows the difference in quantity of the canopy using near red edge on the spectrum.

NDVI14
Analyses variation in crop vigour (as per NDVI) on a 10-band index scale, however only between index 0.0 - 0.7. Predominantly used in Africa.

CGM
The Crop Growth imagery allows you to view current growth stage, biomass (t/ha), leaf area index and green area index. This uses data including SAR, weather data and planting date to achieve a high degree of accuracy for a range of crops field by field on a daily basis.

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