



Cropwise  
Operations

Hoe werk Cropwise Operations?

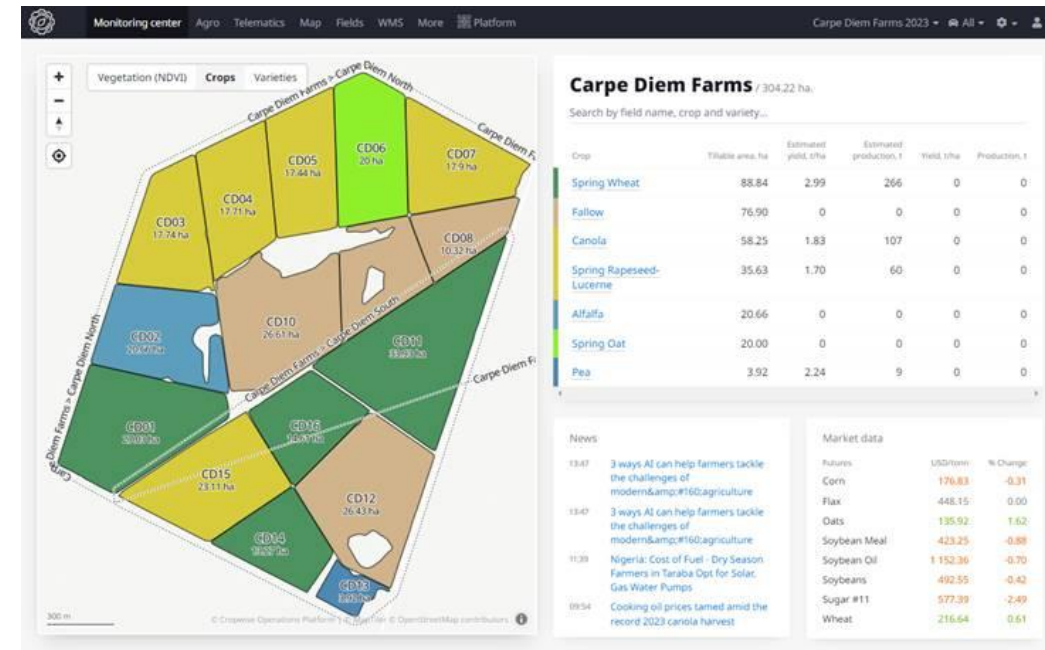
**Cropwise 101**

# 1. Trek lande se grense in

- Ons span help om jou lande se grense op te trek vanaf 'n gedrukte of digitale kaart (shp & kml), of met 'n ander platform te integreer.
- Sodra 'n land se grens opgetrek is, word satellietbeelde, weer- en grondinligting outomaties vir die land verkry.

# 2. Koppel jou wisselbou-gewasse

- Jy kan jou wisselbou-gewasse koppel deur "Fields" > "Crop rotation" te gebruik, of vir ons vra om dit vir jou op te dateer met 'n maklike oplaai van jou huidige rekords.
- Die wisselbou-gewas is nodig vir Cropwise om weeklikse en historiese opbrengsskattings vir elke land te beraam.



Fields WMS More

- Fields list
- Crop rotation

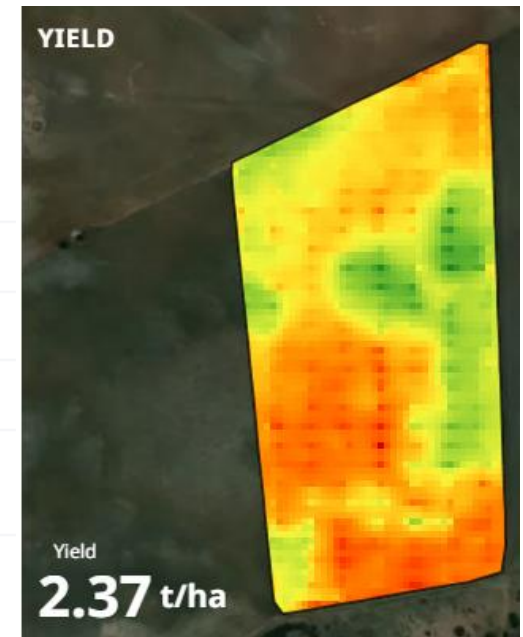
Field group	Field	Tillable area, ha	Crop 2021	Crop 2022	Crop 2023
Carpe Diem North	CD01	27.03	Alfalfa	Alfalfa	Spring Wheat
Carpe Diem North	CD02	20.66	Spring Barley	Spring Rapeseed-Lucerne	Alfalfa
Carpe Diem North	CD03	17.74	Spring Wheat	Spring Wheat	Spring Rapeseed-Lucerne
Carpe Diem North	CD04	17.71	Spring Wheat	Spring Wheat	Canola
Carpe Diem North	CD05	17.44	Spring Wheat	Spring Wheat	Canola

### 3. Voer jou opbrengsdata en -kaarte in

- Voer elke land se opbrengs in op die land se inligtingsblad of die “crop rotation”-tab, of vir ons vra om dit vir jou op te dateer met ‘n maklike oplaai van jou huidige rekords.
- Gebruik jou opbrengsdata om met Cropwise se skattings te vergelyk en elke land volgens sy potensiaal te bestuur. Opbrengs- en grondontledingkaarte kan vir veranderlike toedieningskaarte aangewend word.

### Crop rotation

Year	Crop	Variety	Yield, t/ha
<a href="#">2025</a>	—	—	—
<a href="#">2024</a>	—	—	—
<a href="#">2023</a>	Canola	—	1.8
<a href="#">2022</a>	Spring Wheat	—	2.37
<a href="#">2021</a>	Spring Wheat	—	2.54



### Ander: Weeklikse opbrengsskattings

- Besigtig die **weeklikse opbrengsskatting per land** onder die “Yield estimation”-tab binne die land se inligtingsblad.
- Of “Agro” > “Yield forecast” vir ‘n oorsig van weeklikse opbrengsskattings vir jou boerdery as geheel

Agro Telematics Map Fields WMS

- Work planning
- Agro operations
- Yield Forecast
- Positive yield matrix
- Negative yield matrix





Cropwise  
Operations

## Hoe werk Cropwise Operations?

# Webblad



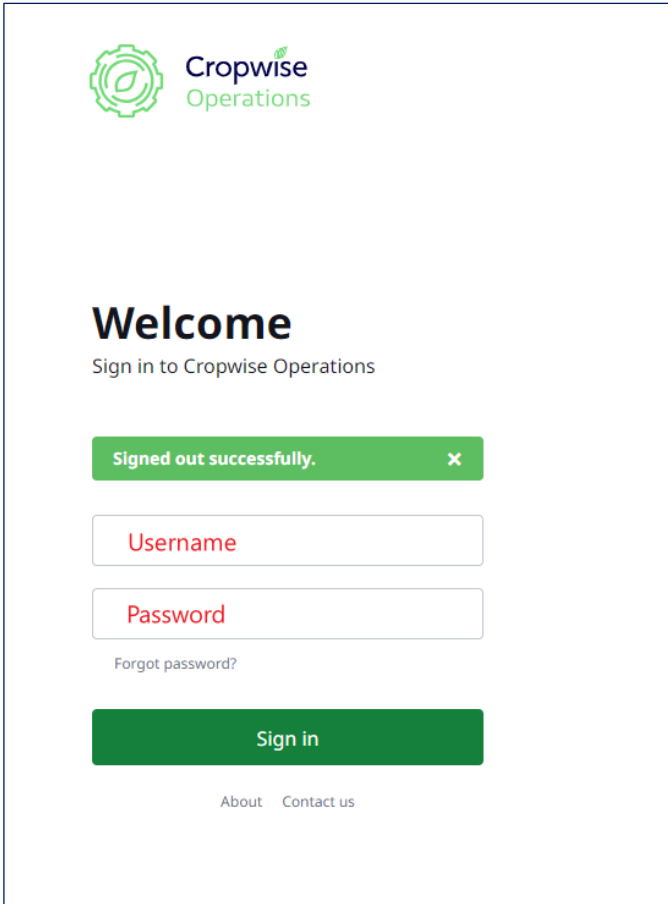
# Eerste gebruik, Hoof Blad, Monitoring Center:

 <https://www.youtube.com/watch?v=kKf1X7IWKNo>

# Teken in & verander wagwoord

- Teken in by <https://operations.cropwise.com/>

Verander wagwoord:



Cropwise Operations

## Welcome

Sign in to Cropwise Operations

Signed out successfully. ✕

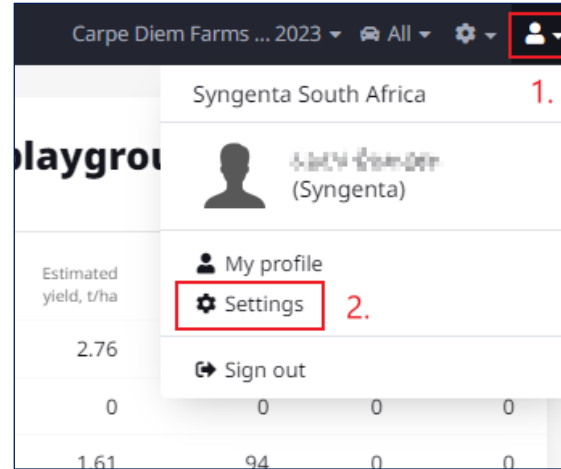
Username

Password

[Forgot password?](#)

Sign in

[About](#) [Contact us](#)



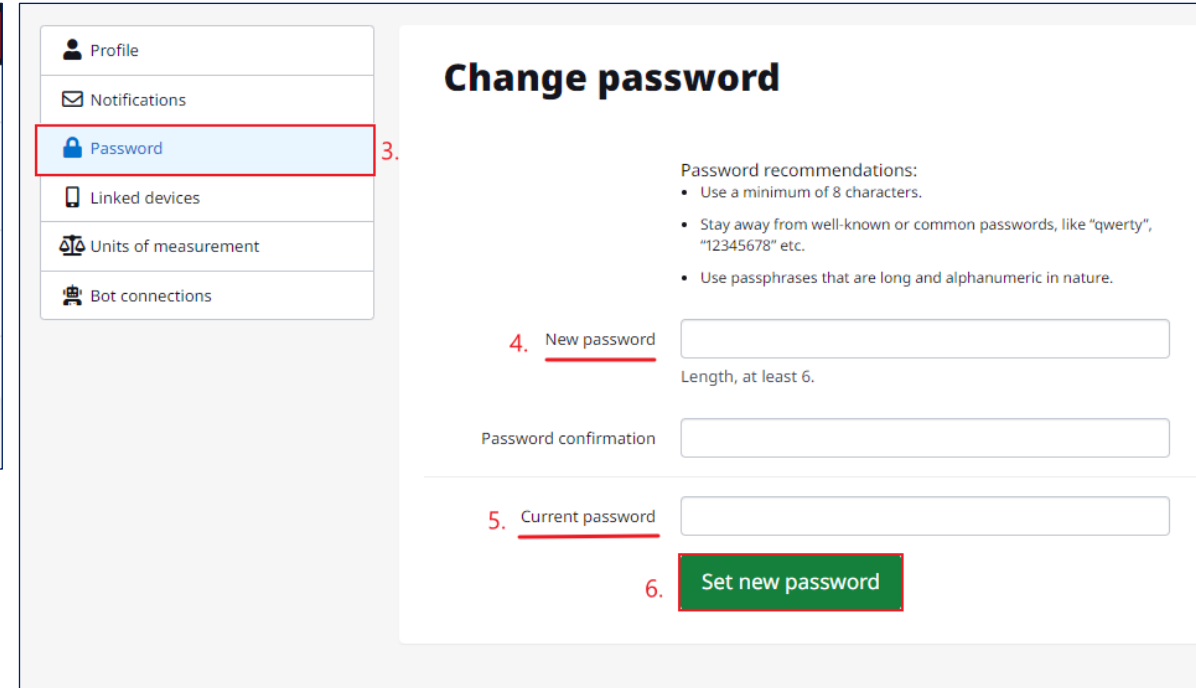
Carpe Diem Farms ... 2023 All Settings

Syngenta South Africa 1.

My profile

Settings 2.

Sign out



Profile

Notifications

Password 3.

Linked devices

Units of measurement

Bot connections

## Change password

Password recommendations:

- Use a minimum of 8 characters.
- Stay away from well-known or common passwords, like "qwerty", "12345678" etc.
- Use passphrases that are long and alphanumeric in nature.

4. New password

Length, at least 6.

Password confirmation

5. Current password

6. Set new password

# Tuisblad & Navigasie

Tuisblad:  
Dui plaasgrense aan met groei-indeks of tipe gewas.  
Opsomming van lande volgens groei

Monitoring center | Agro | Telematics | Map | Fields | WMS | More | Platform

Carpe Diem Farms ... 2023 | All | Settings | User

1. **Vegetation (NDVI)** Crops

Die "Vegetation (NDVI)" vertoon die gemiddelde gewasgroei-indeks (NDVI) per land

Opsomming

### Carpe Diem Farms (playground) / 304.22 ha.

Search by field name and variety...

Crop	Tillable area, ha	Estimated yield, t/ha	Estimated production, t	Yield, t/ha	Production, t
Spring Wheat	88.84	2.76	245	0	0
Fallow	76.90	0	0	0	0
Canola	58.25	1.61	94	0	0
Spring Rapeseed-Lucerne	35.63	1.33	47	0	0
Alfalfa	20.66	0	0	0	0
Spring Oat	20.00	0	0	0	0
Pea	3.92	2.23	9	0	0

News: 11:06 Mauritius: Agro-Industry Minister Announces Measures to Increase...

Market data

Futures	USD/tonn	% Change
Corn	177.93	-0.15
Soybean Meal	475.03	0.00
Soybean Oil	163.22	1.97
Soybeans	368.85	-0.85
Sugar #11	1 218.27	-1.30
Wheat	471.88	1.39
	571.22	-0.08
	206.98	0.59

2. **Vegetation (NDVI)** Crops

Season: Season 2023/2024 (2024) | **Jare** | X

Field group ⓘ

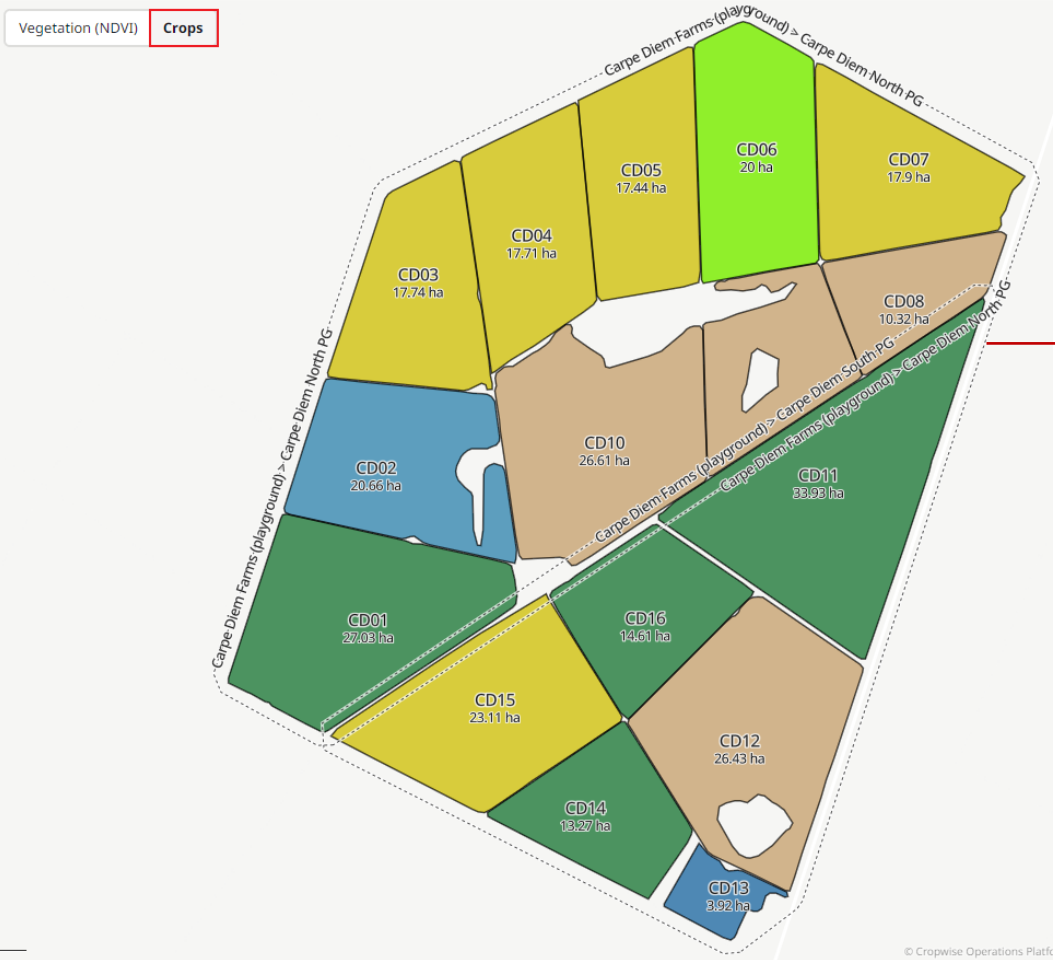
Choose the catalogs or field groups with which you will work

Search: **Plase** | Q

- Carpe Diem Farms (playground)
  - Carpe Diem North PG
  - Carpe Diem South PG

Navigasie tussen plase & jare: Apply

# Gewas kleurskema verandering:



Monitoring center | Agro | Telematics | Map | Fields | WMS | **More** | Platform

- Vegetation (NDVI) | **Crops**
- Land parcels
- Land documents
- Counterparties
- Objects
- Weather stations
- Mobile weather stations
- Seeds
- Fertilizers
- CP products
- Plant threats
- Color schemes**
- Notifications
- Market data
- User launched recalculations

# Hoe om nuwe plaas by te voeg

The screenshot shows the 'Few groups' dashboard with a settings menu open. The settings menu is numbered 1. The 'Field groups' option is highlighted with a red box and numbered 2. The dashboard displays a table of crop groups and a news section.

Crop	Tillable area, ha	Estimated yield, t/ha	Estimated production
<a href="#">Spring Wheat</a>	88.84	2.99	26
<a href="#">Fallow</a>	76.90	0	2
<a href="#">Canola</a>	58.25	1.83	10
<a href="#">Spring Rapeseed-Lucerne</a>	35.63	1.70	6
<a href="#">Alfalfa</a>	20.66	0	
<a href="#">Spring Oat</a>	20.00	0	
<a href="#">Pea</a>	3.92	2.24	

News section:

- 09:35 [South Africa's food security at risk, farmers warn](#)
- 09:35 [South Africa's food security at risk, farmers warn](#)
- 09:01 [Tanzania: Tanzania Plans Livestock Mass Vaccination](#)
- Nov 15 [Tobias Doyer appointed CEO of Grain SA](#)
- Nov 15 [Tobias Doyer appointed CEO of](#)

Market data section:

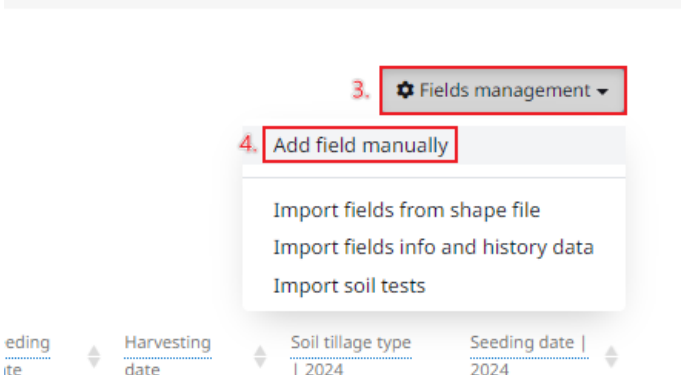
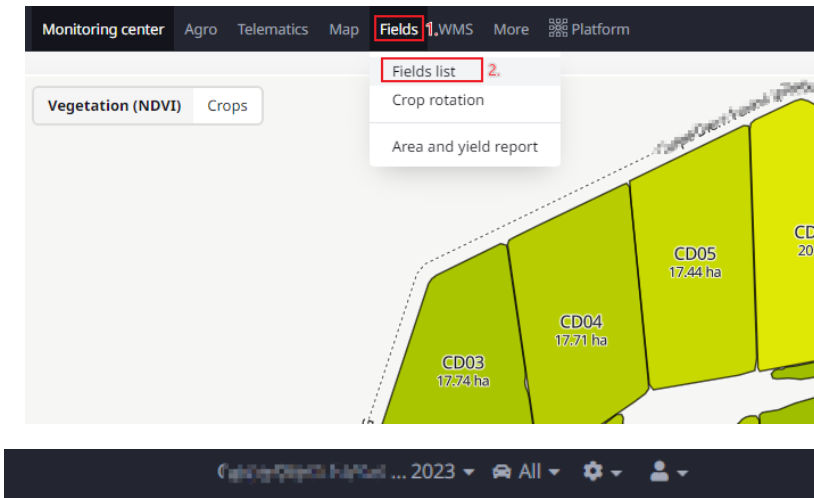
Commodity	Price	Change
Flax	464.38	0.00
Oats	134.41	-0.22
Soybean Meal	469.05	-0.03
Soybean Oil	1 162.28	-0.62
Soybeans	508.90	-0.04
Sugar #11	598.56	-0.18

The screenshot shows the 'Field groups' management interface. The 'Create new Field group' button is highlighted with a red box and numbered 4. The 'New field group' form is shown with the following fields:

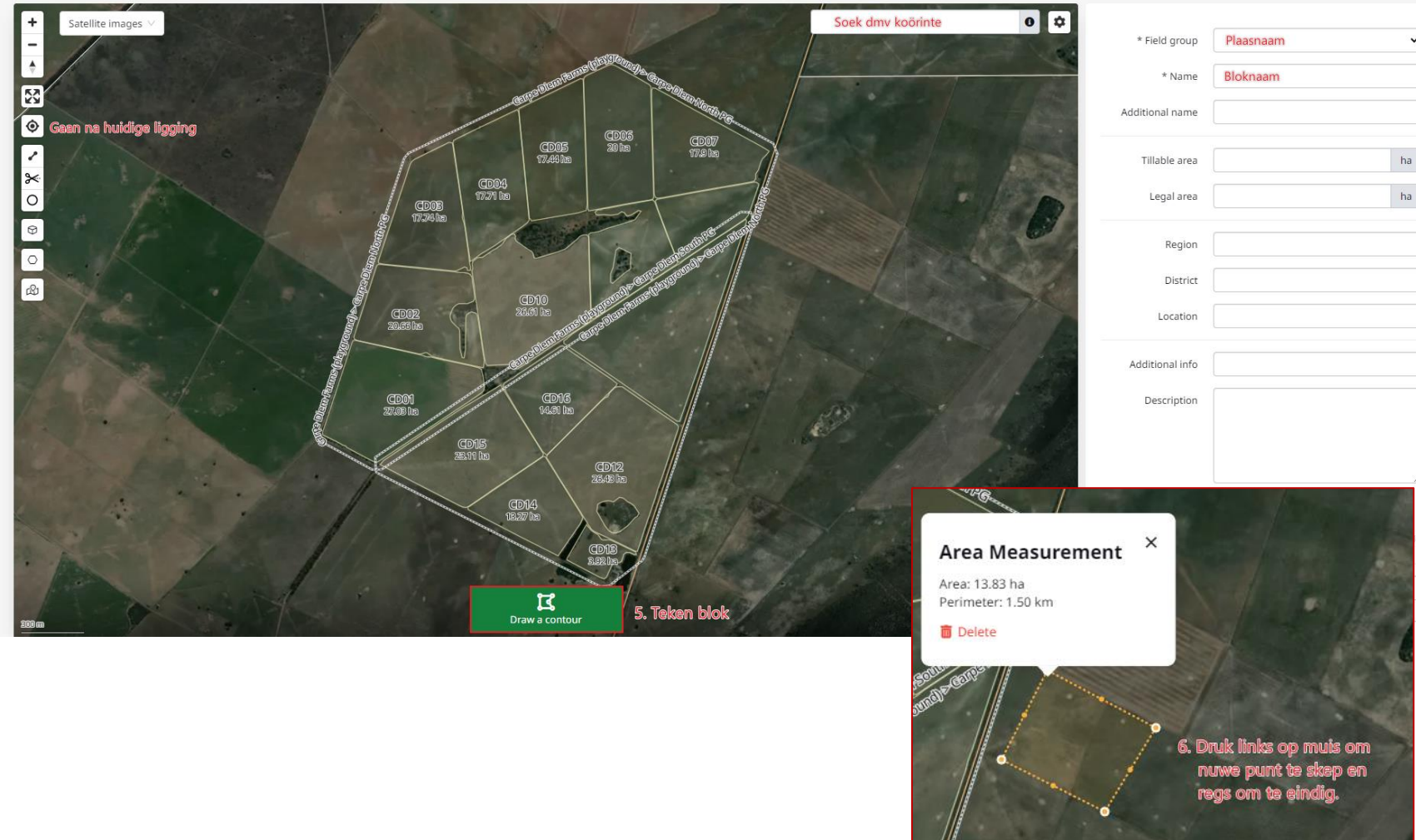
- Name:  (Numbered 5)
- Catalog:  (Numbered 6)
- Region:
- District:
- Location:
- Hide:  (Hide the field group if its fields have been added to the archive, deleted, or moved to another group)
- External ID:
- Additional info:

The 'Create field group' button is highlighted with a red box and numbered 7.

# Hoe om 'n land in te teken



## Add field





# Hoe om 'n bestaende land te verander

Om die grense van die land aan te pas of dele by 'n land by te voeg, kan daar by die land se inligtingsblad op die potlood gedruk word.

Platform | Field groups 4 | 2024 | All | Settings | User

Monitoring | Machinery tasks | Field records | Images | Histogram

**CD11**  
Carpe Diem Farms (playground) / Carpe Diem South PG  
33.93 ha.

Dashboard | Soil | Agrooperations status | Agro operations | Scouting tasks | Scout reports | Notes | Alerts | Field history | Crop rotation | Area & shapes | Unloaded images

Field info

Name	CD11
Crop	—
Variety	—
Yield	— t/ha
Harvested	— t
Yield density	— kg/m <sup>3</sup>
Soil tillage type	—
Irrigation type	—
Productivity zone	—
Seeding date	—
Harvesting date	—

Area

Tillable	33.93 ha.
Legal	33.93 ha.
Mappable	33.93 ha.

NDVI update on February 02  
**0.26**

Growing Degree Days, °C

—	<b>592°</b>
starting sowing (±5*)	starting year (±5*)
—	<b>407°</b>
starting sowing (±10*)	starting year (±10*)

Weather now

**19°** ☀️

16:00	☁️	<b>24°</b>	⊙	6 m/s
20:00	☁️	<b>20°</b>	⊙	4 m/s
00:00	☁️	<b>18°</b>	⊙	2 m/s
04:00	☁️	<b>16°</b>	⊙	1 m/s

Satellite images February 1, 2024

300 m / 1000 ft

Satellite images

Search by city or coordinates...

Area Measurement ✕  
Area: 33.93 ha  
Perimeter: 2.74 km  
Delete

Om die land op te deel

Om 'n sirkel in te trek

Druk op die land / blok om te verander en skuif dan die kolletjies rond om aan die lyne te verander

Om ekstra dele by te voeg of van voor af te teken

Add one more part

LAT: -34.3182° LONG: 20.8455°

Changes history

\* Field group Carpe Diem South PG

\* Name CD11

Additional name

Region

District

Location

Moisture zone

External ID

Additional info

Field shape from January 01, 2000 00:00

Change or update area and field shape 2.

300 m

Delete

\* Start time 2000-01-01 00:00

\* Tillable area 33.93105 ha

Legal area 33.93105 ha

Legal perimeter km

Land quality assessment

Land parcels Detect

Type at least 3 symbols

+ Add land parcel

Additional info

External ID

Update field shape record 3.

# Land inligtingblad, Field page:

 <https://youtu.be/CVTNoNBTT8Y?si=weJtbUtIAdgjFLF>



# Land inligtingblad, Field page:



"Click" op enige land om na sy inligtingblad geneem te word.

**Monitoring** Machinery tasks Field records Images Histogram

**CD11**  
Carpe Diem Farms (playground) / Carpe Diem South PG  
Spring Wheat, 33.93 ha.

**Field info**

Name	CD11
Crop	Spring Wheat
Variety	—
Yield	— t/ha
Harvested	— t
Yield density	— kg/m <sup>3</sup>
Soil	—
Soil tillage type	—
Irrigation type	—
Productivity zone	—
Seeding date	—
Harvesting date	—
Area	33.93 ha.
Tillable	33.93 ha.
Legal	33.93 ha.
Mappable	33.93 ha.

**NDVI update on October 15**  
0.48  
+8% from average 0.46

**Growing Degree Days, °C**  
3184°  
starting sowing (>+5°)  
1726°  
starting sowing (>+10°)

**Weather now**  
15°  
Partly cloudy

12:00	21°	4 m/s
16:00	19°	5 m/s
20:00	16°	4 m/s
00:00	14°	1 m/s

**Threats data**  
Blight of cereals  
Gibberella zeae (Winter cereal)  
100% Infection

Data obtained at 12:24 (3 days ago).

**Vegetation**  
Field Average

**Temperature**  
Soil surface Air

(b) Navigeer tussen onder afdelings.

(a) Navigeer tussen hoof afdelings wat per land beskikbaar is, elk met onder afdelings (b)

# Land inligtingblad, Field page:

**Land inligting**

Name: CD11  
 Crop: Spring Wheat  
 Variety: —  
 Yield: — t/ha  
 Harvested: — t  
 Yield density: — kg/m<sup>3</sup>

Kan inligting invul / verander deur langs potlood te druk

NDVI update on October 15: 0.48 (+8% from average 0.46)

Growing Degree Days, °C: 3184° (starting year (>+5°))  
 1726° (starting year (>+10°))

Weather now: 15° Partly cloudy

Area: 33.93 ha (Tillable, Legal, Mappable)

Threats data: Blight of cereals (Gibberella zeae (Winter cereal)) 100% Infection

**1. Groei-indeks van land teenoor die gemiddeld van die plaas**

**2. Grond- en lugtemperatuur**

**3. Reënval data vanaf meteorologie. Kan eie weerstasie ook koppel.**

**4. Grondvog vir boonste 7cm, 7-28cm en 28-100cm. Goeie aanduiding van hoe reënval grondvog aanvul.**

**5. 'Custom fields' inligting kan ige vul / aangepas word deur op potlood bo aan bladsy te 'click'.**

**6. Weervoorspelling**

**Vegetation**

**Temperature**

**Precipitation**

**Soil moisture**

**Custom fields**

**Weather forecast**

Day	Temp	Weather	Precipitation chance
tue Oct 24	14 - 20 °C	Cloudy and light rain	9%
wed Oct 25	12 - 20 °C	Partly cloudy	
thu Oct 26	13 - 21 °C	Partly cloudy	
fri Oct 27	14 - 21 °C	Cloudy and light rain	70%
sat Oct 28	13 - 15 °C	Cloudy and rain	92%
sun Oct 29	12 - 15 °C	Cloudy and light rain	88%
mon Oct 30	13 - 17 °C	Cloudy and light rain	54%

Klik op Navigator om seisoen (jaar) te verander.

Season: Season 2023/2024 (2024)

Field group 3

Choose the catalogs or field groups with which you will work

Search

<https://www.youtube.com/watch?v=CVTNoNBTT8Y>

# Land inligtingblad, Field page: Inligting per land invul

Om enige blok / land inligting in te vul, druk op die potlood en tik die inligting in

Field info	
Name	CD11
Crop	—
Variety	—
Yield	— t/ha
Harvested	— t
Yield density	— kg/m <sup>3</sup>
Soil tillage type	—
Irrigation type	—
Productivity zone	—
Seeding date	—
Harvesting date	—
Area	
Tillable	33.93 ha.
Legal	33.93 ha.
Mappable	33.93 ha.

Om bykomende inligting ('Custom fields') in te vul, druk op die potlood links bo by blok- / landnaam. Beweeg na onder waar die addisionele velde sal verskyn.

Monitoring center Agro Telematics Map Fields WMS More Platform

October 30, 2023  
Uploaded at October 30, 2023 16:43 by user Corni Coetzee (Syngenta).

**CD11**  
Carpe Diem Farms (playground) / Carpe Diem South PG  
33.93 ha.

Dashboard  
Soil  
Agrooperations status  
Agro operations  
Scouting tasks  
Scout reports  
Notes  
Alerts  
Field history

Custom fields

Crop, Root stock variety	—
Crop, Shoot stock variety	—
Crop, Year established	—
Expected harvest date	—
Field Lat Lon	-34.31858, 20.83957
Irrigation type	—
Soil type	—
Spacing, Plants per block	—
Spacing, Plants per hectare	—
Spacing, between plants (m)	—
Spacing, between rows (m)	—
Trellis system	—

Update field

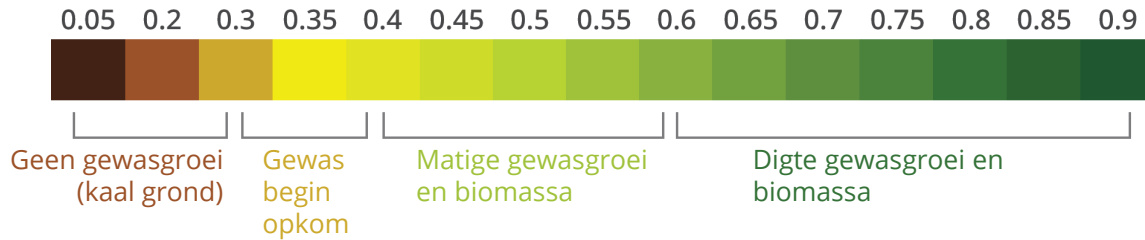
# Satellietbeelde vir boerdery as geheel:

 <https://www.youtube.com/watch?v=yVIVoGBcry0>

# Satellietbeelde en die plantegroei-indeks (NDVI)

## Wat is die plantegroei-indeks (NDVI)?

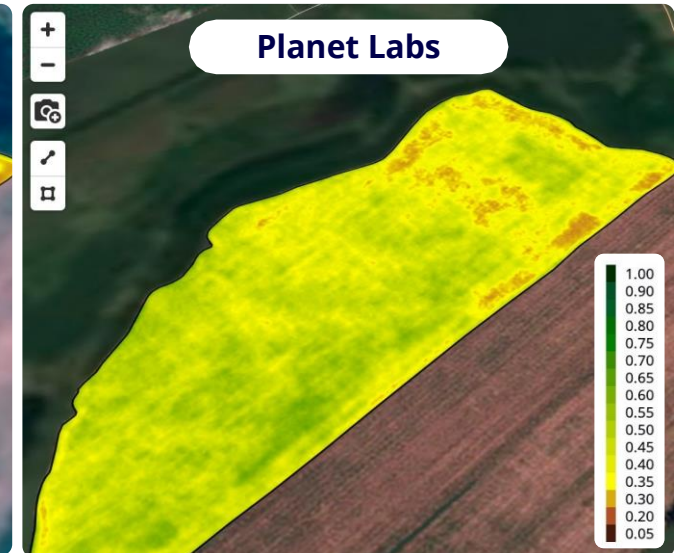
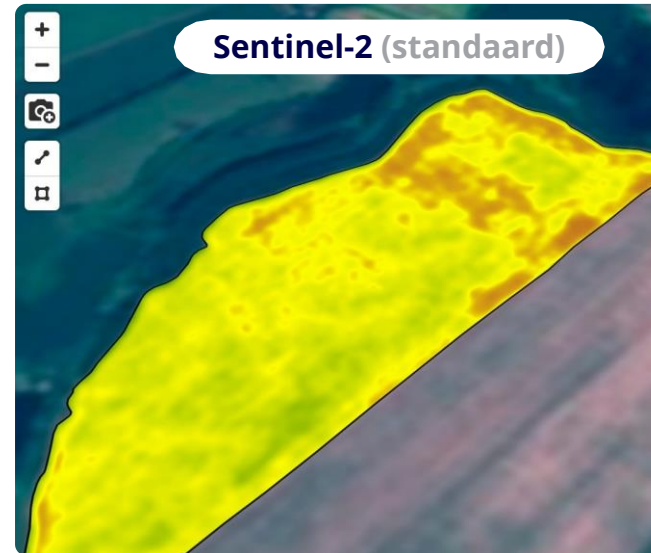
NDVI staan vir Normalised Difference Vegetation Index. Hierdie standaard indeks vir plantegroei strek vanaf 0 tot 1 en dui die plantegroei, biomassa en variasie binne 'n land aan.




## Satellietbeelde wat beskikbaar is

Cropwise Operations bied as standaard die Sentinel-2 satellietbeelde aan met 'n 10m resolusie en 5 dae interval.

Gebruikers kan addisioneel inteken vir Planet Labs se daaglikse 3m resolusie satellietbeelde. Planet Labs hou verskeie voordele in vir produsente wat waarde heg aan presisie- en tydig data.



 **Satelliet SENTINEL-2**

 **Resolusie 10 m per 1 pixel**

 **Frekwensie Elke 5 dae**

**Satelliet PLANET LABS**

**Resolusie 3 m per 1 pixel**

**Frekwensie Daaglik**



**Daaglikse beelde** verseker jy het toegang tot tydig, wolklose beelde



Danksy **10x hoër resolusie** kan jy afwykings vroeër en fyner identifiseer

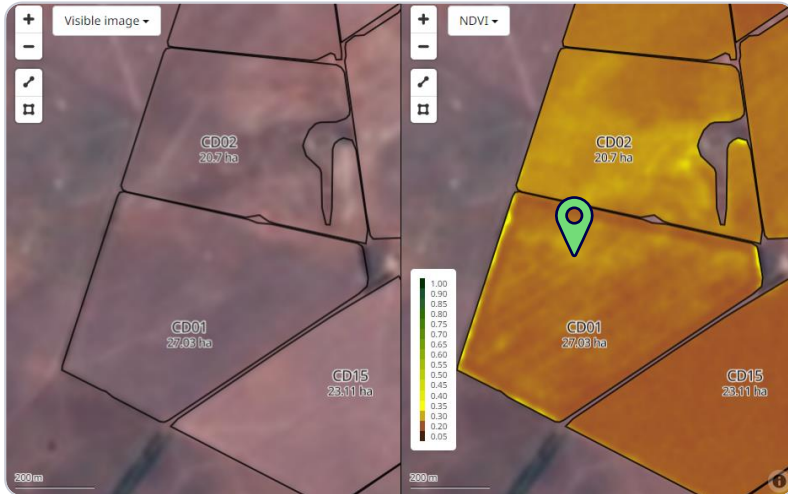


**Presiese VRA kaarte** is meer akkuraat en verseker teiken-spesifieke toedienings



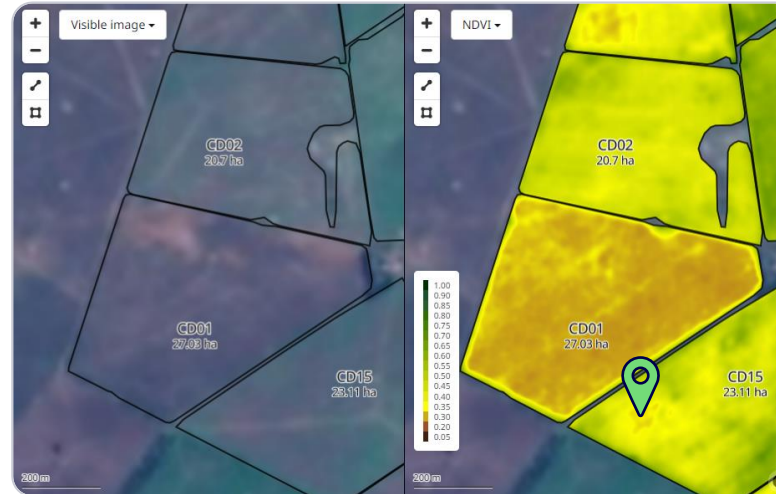
# Aanwending van satellietbeelde

## Na oes / Voor plant



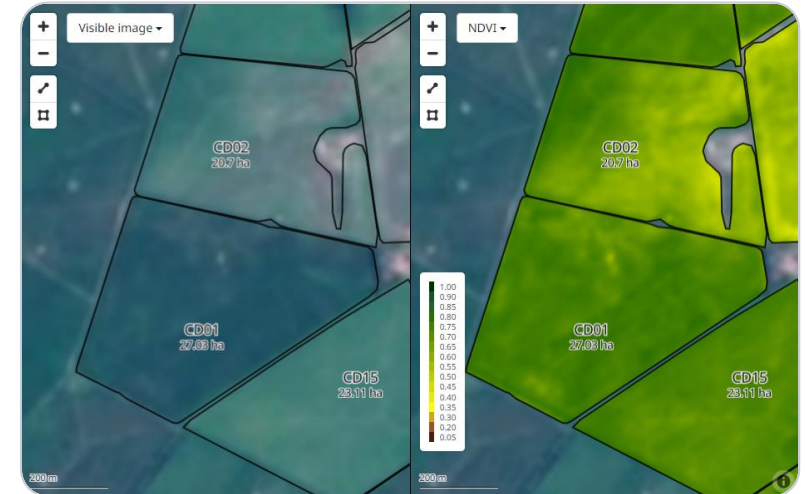
- **Evalueer teenwoordigheid van opslag en onkruid**
- **Evalueer doeltreffendheid van onkruiddoder toediening**
- **Skep veranderlike toedieningskaart vir onkruiddoder, bv. sterker dosis vir gedeeltes met hoër onkruiddruk**

## Net na plant / Met opkoms



- **Evalueer opkoms**
- **Identifiseer afwykings**
- **Prioritiseer besoekpunte**

## In die seisoen

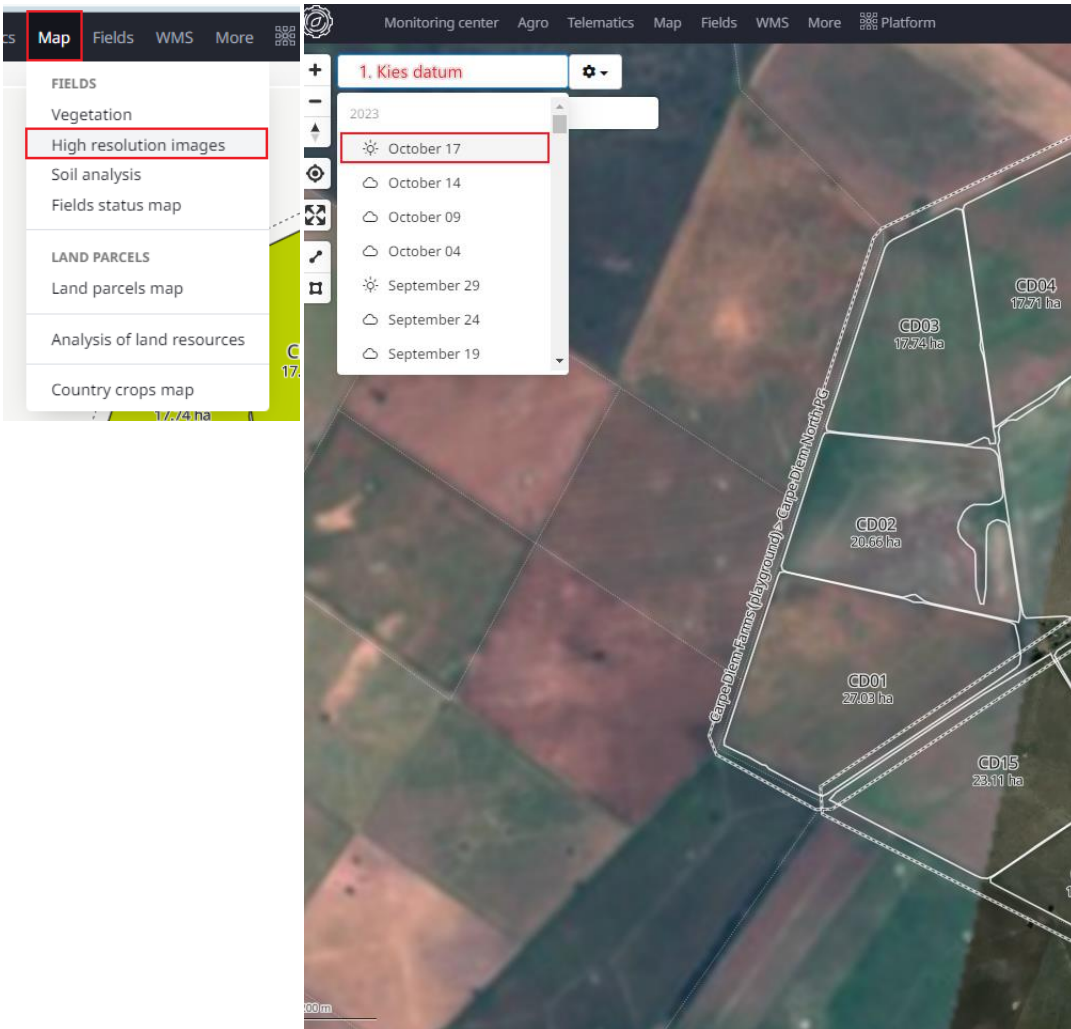


- **Evalueer variasie tussen en binne lande**
  - **Identifiseer afwykings**
  - **Prioritiseer besoekpunte**
  - **Identifiseer punte vir blaarmonsters**
  - **Skep veranderlike toedieningskaart vir kopbemesting of**
- **Rypwording en oesgereedheid**

# Satellietbeelde vir boerdery as geheel – ‘High resolution images’

## Opsie 1:

Satellietbeelde kan besigtig word vir boerdery as geheel (slide 19-20), of per land (slide 22) op verskillende maniere.





# Satellietbeelde vir boerdery as geheel – ‘Scouting map’

Opsie 2:

August 30, 2023

1. Kies beeld 1

2. Kies beeld 2

3. Kies beeld sonder wolkbekleding

Kliek op 'n land om na die land te gaan of kliek "Scouting task" om die satellietbeeld vir die geselekteerde land oop te maak en besoekpunte te identifiseer



# Satellietbeelde vir enkel land:

 <https://www.youtube.com/watch?v=TGpTRdxT4XE>

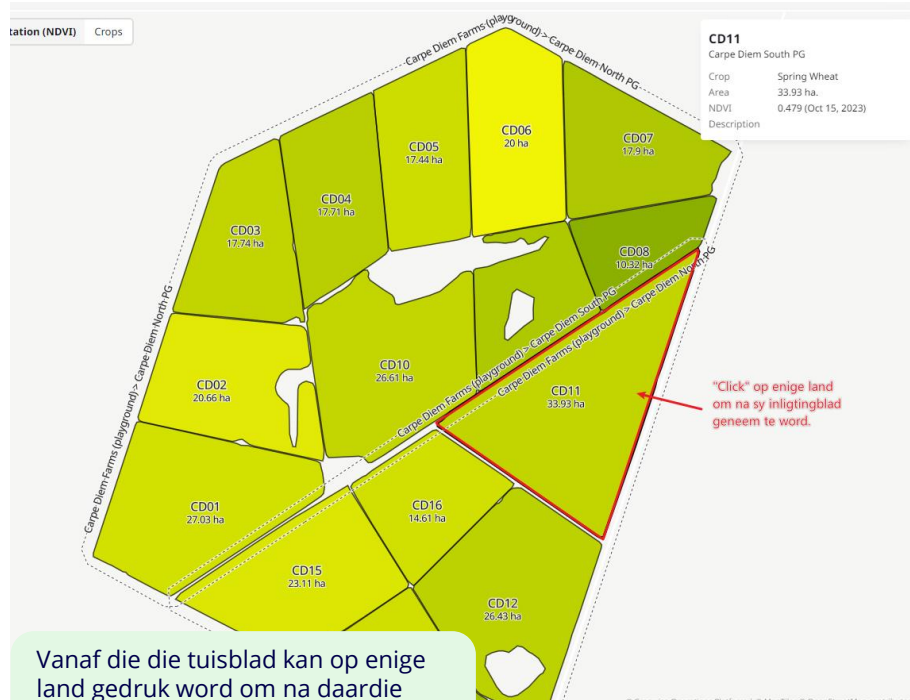
# Satellietbeelde vir enkel land- 'Field page'

Skep van monitoring / observasie punte

## Opsie 3:

Vanaf images blad kan monitoring / observasie punte geskep word.

Kan dan via die app na die spesifieke punte navigeer.



Monitoring Machinery tasks Field records **Images** Histogram

19.09.23 August 30, 2023

14.09.23

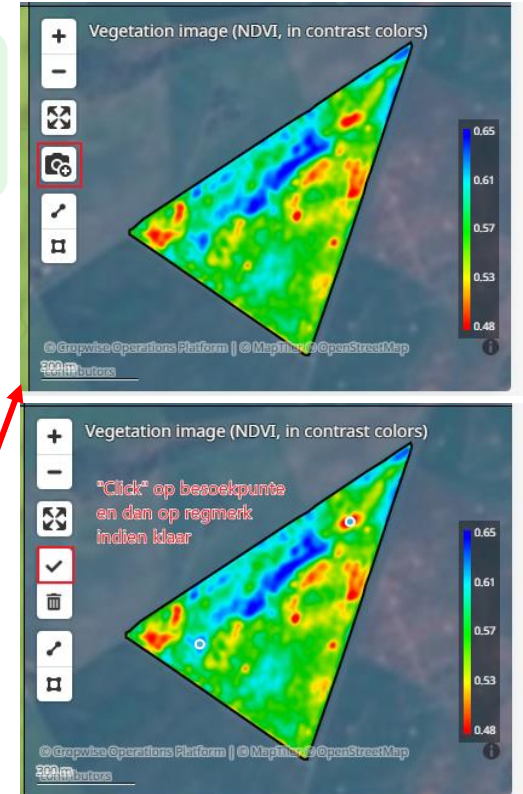
09.09.23

04.09.23

30.08.23

25.08.23

Kies beeld sonder wolbedekking



Vanaf die tuisblad kan op enige land gedruk word om na daardie land se inligtingblad te gaan. Daar kan ook op die blok/land se naam gedruk word op enige blad in die platform.

Status:  Planned  Done  Canceled

Duration: 10/24/2023 — 10/31/2023

Season: 2023 year

Responsible: Kies verantwoordelike persoon

Field scout report template: Kies templaot vir observasies

Description:

External ID:

Add task

<https://www.youtube.com/watch?v=yNVnlqW58qo>

<https://www.youtube.com/watch?v=TGpTRdxT4XE>

# Produktiwiteitskaarte: groepeer satellietbeelde

 <https://www.youtube.com/watch?v=-laakYON1dI>

# Land inligtingblad, Field page: Agro operation – Produktiwiteitskaarte

Produktiwiteitskaarte groepeer verskillende satellietbeelde om 'n tendens aan te toon van swakker of beter groei, of opbrengs oor 'n tydperk.

The screenshot shows the Syngenta digital field page for field CD11. The left sidebar lists various navigation options, with 'Agro operations' highlighted. The main content area is titled 'New productivity image' and includes a 'Name' field containing 'Productivity map Oct 24' and a 'Save' button. Below this is a large satellite image of the field with a productivity heatmap overlaid. A scale bar indicates 300 m and 1000 ft. The heatmap shows a triangular area with a color gradient from blue (low productivity) to red (high productivity).

Onder die land se inligtingblad.

This grid displays 12 productivity maps for field CD11, arranged in a 4x3 grid. Each map shows a different date and a corresponding productivity heatmap. The dates are: August 25, 2020; August 10, 2020; August 1, 2019; July 22, 2019; October 5, 2018; September 30, 2018; August 31, 2017; August 26, 2017; October 10, 2016; and August 21, 2016. Each map includes a color scale legend. A red box highlights the map from August 31, 2017, with the text 'Verwyder beelde met wolkebedekking' (Remove images with cloud cover) below it. A white box at the bottom right contains the text 'Add more images.....' and 'Voeg ekstra / ander beelde by' (Add extra / other images).

# Variable Rate App (VRA), Veranderlike toedieningskaart vir 'n enkele land:

 <https://youtu.be/NMSKL2JHmZQ>



# Land inligtingblad: Veranderlike toedieningskaate per land

- Field page > Agro operation > Variable rate applications

## VRA Builder

Application levels	kg/ha
Zone 1 Total: 0.07 kg, Area: 6.578 ha	0.01
Zone 2 Total: 0.10 kg, Area: 9.831 ha	0.01
Zone 3 Total: 0.07 kg, Area: 6.904 ha	0.01
Zone 4 Total: 0.06 kg, Area: 5.854 ha	0.01
Zone 5 Total: 0.05 kg, Area: 4.765 ha	0.01

Kan self ook aan hoeveelheid verander

+ Add custom zone

Kan ekstra sone self byvoeg

Total: 0.35 kg

7. Save

Kan vir groep lande gelyk ook geskep word (Volgende bladsy)

# Variable Rate App VRA, Veranderlike toedieningskaart vir verskeie groep lande:

 <https://www.youtube.com/watch?v=Yo7tU5iRzmg>

# Skep van VRA kaarte vir boerdery as geheel

Agro Telematics Map Fields WMS More Platform

1. Work planning  
Agro operations  
Yield Forecast  
Positive yield matrix  
Negative yield matrix
2. Variable Rate Application tasks report
3. SCOUTING  
Scouting map  
Scouting tasks  
Scouting reports  
Agro recommendations  
Photos upload
4. REPORTS  
Work report  
Vegetation reports  
NDVI change  
NDVI variability change  
Notes report  
Agro operations report  
Agro application report  
Harvest report  
Alerts report  
Soil samples tasks report  
Detecting weedy fields  
Field selection for SDHI fungicides  
Reglone recommendation  
Corn Hybrid Harvesting Forecast

### Variable Rate Application tasks

Search... (min 2 characters) 3. VRA multi-wizard Filter Download all Columns

<input type="checkbox"/>	Map	Field	Variable Rate Application task	Task type	Data source	Who created	Created at	Status	Actions
<input type="checkbox"/>		CD11	Application Dec 04	Fertilizing	Vegetation	Corni Coetzee (Syngenta)	12/4/2023 9:38:31 AM	Active	
<input type="checkbox"/>		CD01	Application Oct 20	Fertilizing	Vegetation	Jason Coetzee (Syngenta)	10/20/2023 9:36:10 AM	Active	

## VRA multi-wizard

1 Fields 2 Initial Setup 3 Source 4 Vra Setup

Search... (min 2 characters) Selected: 3 from 50

Field	Field group	Crop	Variety
<input type="checkbox"/> CD11	Carpe Diem South PG	Spring Wheat	
<input type="checkbox"/> CD16	Carpe Diem South PG	Spring Wheat	
<input checked="" type="checkbox"/> CD15	Carpe Diem South PG	Canola	
<input checked="" type="checkbox"/> CD14	Carpe Diem South PG	Spring Wheat	
<input checked="" type="checkbox"/> CD13	Carpe Diem South PG	Pea	
<input type="checkbox"/> CD12	Carpe Diem South PG	Fallow	
<input type="checkbox"/> CD07	Carpe Diem North PG	Spring Rapeseed-Lucerne	
<input type="checkbox"/> CD04	Carpe Diem North PG	Canola	
<input type="checkbox"/> CD01	Carpe Diem North PG	Spring Wheat	
<input type="checkbox"/> CD05	Carpe Diem North PG	Canola	
<input type="checkbox"/> CD06	Carpe Diem North PG	Spring Oat	
<input type="checkbox"/> CD03	Carpe Diem North PG	Spring Rapeseed-Lucerne	
<input type="checkbox"/> CD09	Carpe Diem North PG	Fallow	
<input type="checkbox"/> CD08	Carpe Diem North PG	Fallow	
<input type="checkbox"/> CD02	Carpe Diem North PG	Alfalfa	

4. **Selekteer lande**

Next 5.



# Skep van VRA kaarte vir boerdery as geheel (vervolg)

## VRA multi-wizard

Fields **2** Initial Setup Source Vra Setup

Hide settings

Name: Application Jan 12

Task type: Fertilizing **6. Selekteer taak**

Crop:

Variety:

Units: kg/ha **7. Kies eenheid**

VRA Model: Average

Please note that changing the form values affects the settings of all fields in the table below. If necessary, each line of the table can be edited separately or after setting the general settings.

Field	Name	Task type	VRA Model	Crop	Variety	Units	1000 Grain weight	Seeding Date
CD13	Application Jan 12	Fertilizing	Average	Pea				
CD14	Application Jan 12	Fertilizing	Average	Spring Wheat				
CD15	Application Jan 12	Fertilizing	Average	Canola				

Back Next **8.**

## VRA multi-wizard

Fields Initial Setup **3** Source Vra Setup

Hide settings

Data source: Vegetation **8. Kies basis vir alle lande**

CD13  
Data source: Vegetation **8. Of per land**  
Active image: Vegetation, December 28, 2023

CD14  
Data source: Vegetation  
Active image: Vegetation, August 15, 2023

CD15  
Data source: Vegetation  
Active image: Vegetation, January 2, 2024

**9. Kies beeld om te gebruik**

Back Next **10.**

## VRA multi-wizard

Fields Initial Setup Source **4** Vra Setup

Hide settings

Grid size: 3 **11. Kies grootte van 'grid'** m

Average rate: 0.01 **12. Kies koers waarteen toegedien moet word** kg/ha

Differentiation percentage: 20 %

Auto zones: 5 **13. Kies aantal sones**

Please note that changing the form values affects the settings of all fields in the table below. If necessary, each line of the table can be edited separately or after setting the general settings.

Field	Grid size	Average rate	Auto zones	Differentiation percentage
CD13	3	0.01	5	20
CD14	4	0.01	5	20
CD15	8	0.01	5	20

Back Save **14.**

# Aflaai van VRA kaarte

er **Agro** Telematics Map Fields WMS More Platform

1. Work planning  
 DVI Agro operations

Yield Forecast  
 Positive yield matrix  
 Negative yield matrix

SCOUTING  
 Scouting map  
 Scouting tasks  
 Scouting reports  
 Agro recommendations  
 Photos upload

REPORTS  
 Work report  
 Vegetation reports  
 NDVI change  
 NDVI variability change  
 Notes report  
 Agro operations report  
 Agro application report  
 Harvest report  
 Alerts report

2. Variable Rate Application tasks report  
 Soil samples tasks report

Detecting weedy fields  
 Field selection for SDHI fungicides  
 Reglone recommendation  
 Corn Hybrid Harvesting Forecast

## Variable Rate Application tasks

Search... (min 2 characters) VRA multi-wizard Filter 3. Download all Columns

<input checked="" type="checkbox"/>	Map	Field	Variable Rate Application task	Task type	Data source	Who created	Created at	Status	Actions
<input checked="" type="checkbox"/>		CD11	Application Dec 04	Fertilizing	Vegetation	Corni Coetzee (Syngenta)	12/4/2023 9:38:31 AM	Active	
<input checked="" type="checkbox"/>		CD01	Application Oct 20	Fertilizing	Vegetation	Jason Coetzee (Syngenta)	10/20/2023 9:36:10 AM	Active	

- ISOBUS Taskdata ISO 11783 (GRD type 1 - zone numbers)
- ISOBUS Taskdata ISO 11783 (GRD type 2 - value at point)
- KML file
- ESRI Shapefile with points
- ESRI Shapefile with grid
- ESRI Shapefile with polygons
- ESRI Shapefile with polygons (Trimble)
- ESRI Shapfile with polygons (AFS/CaseIH)
- ESRI Shapefile with polygons (John Deere)
- ESRI Shapefile with polygons (Amatron)
- ESRI Shapefile with polygons (Amazone)

# Wisselbou rekords

# Wisselbou per land:

- Field page > Crop rotation




**CD11**  
Carpe Diem Farms  
(playground) / Carpe Diem  
South PG  
Spring Wheat, 33.93 ha.

Dashboard  
Soil  
Agrooperations status

Agro operations  
Scouting tasks  
Scout reports  
Notes  
Alerts  
Field history  
**Crop rotation**  
Area & shapes  
Uploaded images  
Planet subscriptions  
Analytics  
Timeline  
Image lab  
Yield estimation  
Download

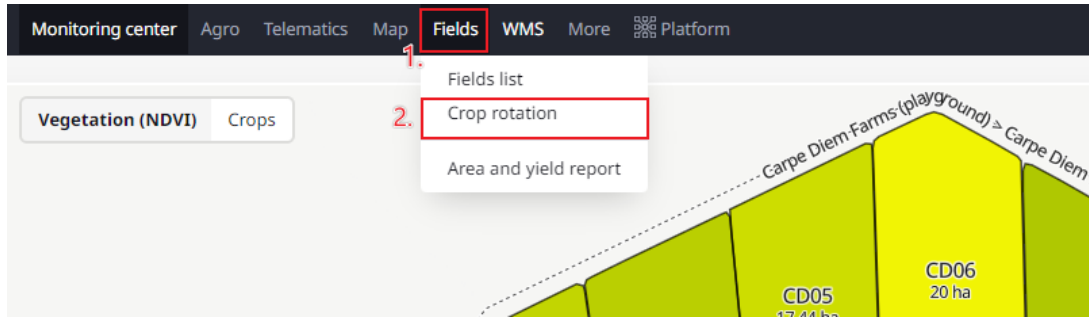
## Crop rotation

[+ Add record](#)

Year	Crop	Variety	Yield, t/ha	Expected yield, t/ha	Harvested, t	Soil tillage type	Irrigation type	Productivity zone	Vegetation and precipitations
<a href="#">2025</a>	—	—	—	—	—	—	—	—	
<a href="#">2024</a>	—	—	—	—	—	—	—	—	
<a href="#">2023</a>	Spring Wheat	—	—	—	—	—	—	—	
<a href="#">2022</a>	Canola	—	1.31	—	—	—	—	—	
<a href="#">2021</a>	Spring Wheat	— 							 
<a href="#">2020</a>	—	—	—	—	—	—	—	—	
<a href="#">2019</a>	—	—	—	—	—	—	—	—	
<a href="#">2018</a>	—	—	—	—	—	—	—	—	
<a href="#">2017</a>	—	—	—	—	—	—	—	—	
<a href="#">2016</a>	—	—	—	—	—	—	—	—	
<a href="#">2015</a>	—	—	—	—	—	—	—	—	
<a href="#">2014</a>	—	—	—	—	—	—	—	—	
<a href="#">2013</a>	—	—	—	—	—	—	—	—	
<a href="#">2012</a>	—	—	—	—	—	—	—	—	

← Verander enige wisselbou inligting vinnig en maklik

# Wisselbou algeheel:



Wisselbou gewasse word **allokeer aan die seisoen(jaar) wanneer dit ge-oes word.**

### Winter grane (koring, gars, hawer, lupiene, canola)

- Plant in MAR-JUN, Oes in SEP-DES

### Summer Crops (Maize/Corn, Soybeans, Sunflower)

- Plant in SEP-DES, Oes in APR-JUL
- Bv. Gewasse wat in Nov-23 geplant is en Jun-24 geoes word, word aan "2024" seisoen(jaar) gekoppel

### Boorde en wingerde

- Allokeer aan datum wanneer die laaste vrugte geoes word.
- Bv. Druive oes vanaf Okt'23 – Jan'24 word almal aan "2024" seisoen(jaar) gekoppel.

## Few groups

Search by field, crop or place...

Fields management

Kan hier ook inligting van wisselbou aflaai

PDF Excel Columns

Field group	Field	Tillable area, ha	Crop 2021	Crop 2022	Crop 2023	Crop 2024	Crop 2025
Carpe Diem North PG	CD01	27.03	Alfalfa	Alfalfa	Spring Wheat	Spring Barley	–
Carpe Diem North PG	CD02	20.66	Spring Barley	Spring Rapeseed-Lucerne	Alfalfa	Alfalfa	–
Carpe Diem North PG	CD03	17.74	Spring Wheat	Spring Wheat	Spring Rapeseed-Lucerne	–	Maklik verander deur langs potlood te druk
Carpe Diem North PG	CD04	17.71	Spring Wheat	Spring Wheat	Canola	–	–
Carpe Diem North PG	CD05	17.44	Spring Wheat	Spring Wheat	Canola	–	–

Vra gerus vir die Cropwise span om jou wisselbou data vir jou op te dateer. Ons kan jou historiese rekords met Excel intrek.

# Toediening rekord (Agro operations)

# Agro operation – per land

- Field page > Agro operations

Kan vir groep lande gelyk ook geskep word (Volgende bladsy)

## Add agro operation

\* Status

- Planned
- In progress
- 2.**  Completed
- Canceled

Completed area: 33.93105 ha  
Set 0 ha from machine tasks or planned area 33.93105 ha

Duration: 10/24/2023 12:00 AM — 10/24/2023 10:01 AM  
Set time from selected machine tasks

**3. Kies datum** \* Duration (plan): 10/24/2023 — 10/24/2023

\* Season: 2023 year

\* Field shape: 33.93105 ha | From January 01, 2000

**4. Kies tipe aksie** \* Work type

- Establish & Uproot
- Field work
- Soil works
- Transport
- Application
- Other
- Service
- Harvesting

**5.** \* Work subtype

- Fertigation
- Irrigation
- Other
- Over sowing
- Re-sowing
- Skouer en punt / Shoulder and point
- Sowing
- Spraying
- Spreading

Processing parameters

Planned water rate: 0.0 l/ha

Fact water rate: 0.0 l/ha

Application

Calc by:  Rate  Amount

Write off: 6. Kies stoor

**7.**

#	Inventory	Planned rate	Fact rate	Planned amount	Fact amount	Dose rate notes	Target(s)
---	-----------	--------------	-----------	----------------	-------------	-----------------	-----------

3. Tank volume (Lt or Kg)

D1. Tractor gear

D2. PTO RPM

3. Forward speed (kmph)

speed, seconds per 100m

D5. Sprayer pump pressure (bar)

D6. Fan speed

D7. Fan pitch

E1. Nozzle description

E2. Droplet size

E3. Nozzle angle (°)

F1. Weather conditions

F2. Temperature (°C)

F3. Humidity (%)

F4. Wind speed (kmph)

F5. Wind direction (NEWS)

Vul 'custom fields' in en skep aksie

# Agro Operations – meer as een land gelyk

Monitoring center **Agro** Telematics Map Fields WMS More

- Work planning
- Agro operations**
- Yield Forecast
- Positive yield matrix
- Negative yield matrix

Processing parameters

Planned water rate  l/ha

Fact water rate  l/ha

**Application** Calc by **Rate** Amount

Type **Kies tipe produk** Name

Planned rate  Planned amount  Fact rate  Fact amount

**CP product**  
Fertilizer  
Seed

Dose rate notes

Target(s)

**Add more CPs/fertilizers/seeds** Kies indien meer as een produk op 'n slag wil byvoeg

**Agro operations** Skep van rekords vir meer as 1 land gelyk: 07/24/2023 — 10/24/2023

Today Yesterday This week This month Last month This year

Notifications: No new notifications.

Planned and in work **1** Completed **0** Canceled **0** **All fields 16** 1. Kies op al die lande / blokke te vertoon Excel

Search by field, crop or place... 3. Add operation to selected fields Columns

Field	Legal area,ha.	Tillable area,ha.	Crop	Variety	Soil tillage type	Vegetation
- Alfalfa (1)						
<input checked="" type="checkbox"/> CD02	20.7	20.7	Alfalfa			
- Canola (3)						
<input checked="" type="checkbox"/> CD05	17.4	17.4	Canola			
<input type="checkbox"/> CD04	17.7	17.7	Canola			

2. Kies die lande / blokke

**Agro operation plan**

Duration (plan)

\* Season  year

\* Work type

- Establish & Uproot
- Field work
- Soil works
- Transport
- Application
- Other
- Service
- Harvesting

**Fields** Kan lande / blokke selekteer deur op die kaart ook te druk

Search fields by name, group, crop...

Filter groups concatenation logic:  and  or  Kan ook lande per gewas selekteer by, al die Canola lande

— crop:  Alfalfa  Canola  Fallow  Pea  Spring Oat  Spring Rapeseed-Lucerne  Spring Wheat

— previous crop:

— productivity zone:  Not specified

— moisture zone:  Not specified

Fields selected: **2**  
Total area: **38.11 ha**

remove all fields



# Aflaai van data

# Hoe om lande se data af te laai

**Fields** WMS More Plat

- Fields list
- Crop rotation
- Area and yield report

Monitoring center Agro Telematics Map Fields WMS More Platform Few groups 2023 All

**Few groups** <sup>304.22 ha.</sup> Fields management

Search by field, crop or place...

Download... Columns

3.

2. Maak seker al die kolomme waarvan inligting benodig word, is geselekteer

Field	Tillable area, ha	Crop	Crop   2022	Crop (Short name)   2022	Seeding date	Harvesting date	Soil tillage type   2024	Seeding date   2024
- Alfalfa (1)								
CD02	20.66	Alfalfa		Spring Rapeseed-Lucerne				
- Canola (3)								
CD04	17.71	Canola		Spring Wheat				

Export settings

Vir data van al die lande

Fields list Fields map Vegetation data Weather data Plant threats data

Fields type  Only active  All

Columns  Selected  All

Rows  Found  All

Kies formaat File format  XLSX  PDF

Download

Export settings

Vir land grense

Fields list Fields map Vegetation data Weather data Plant threats data

Fields type  Only active  All

Columns  Selected  All

Rows  Found  All

File format  ESRI Shapefile  Google KML  GeoJSON  ISOXML

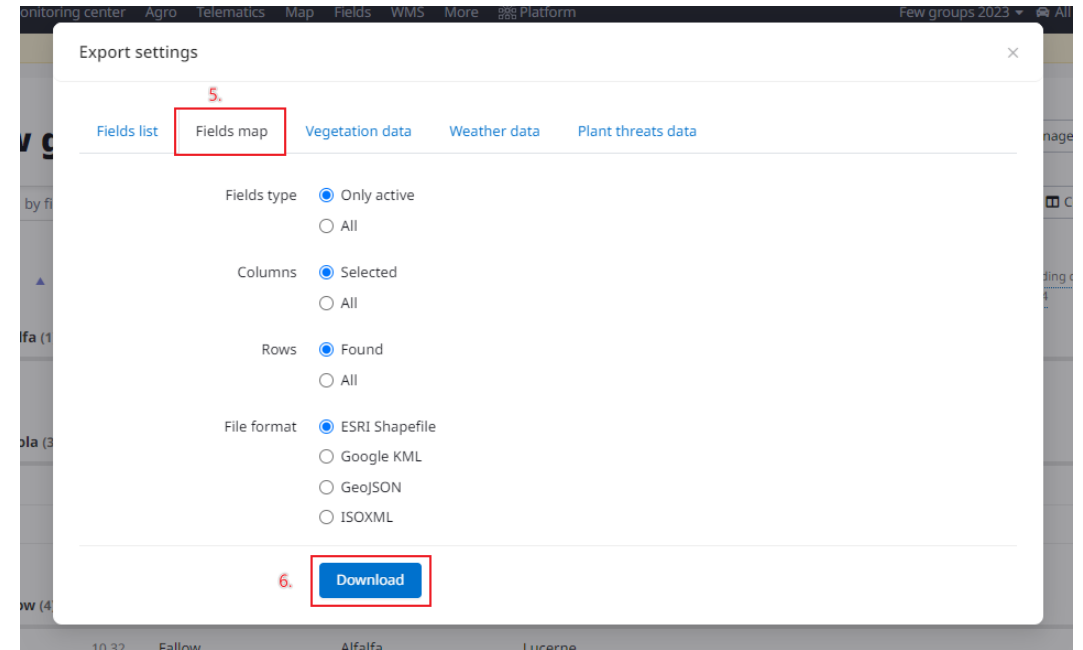
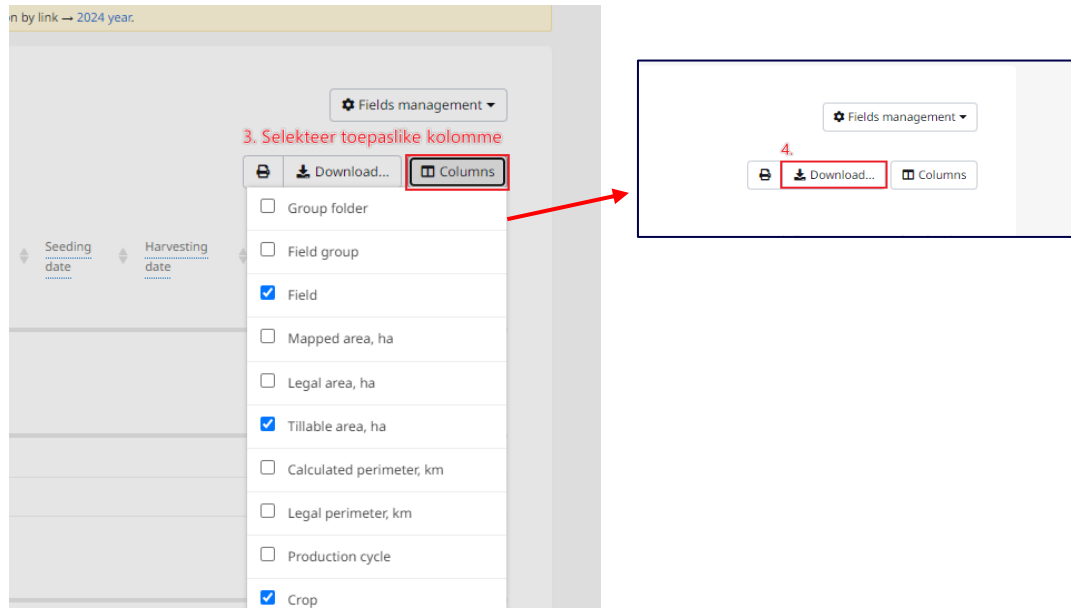
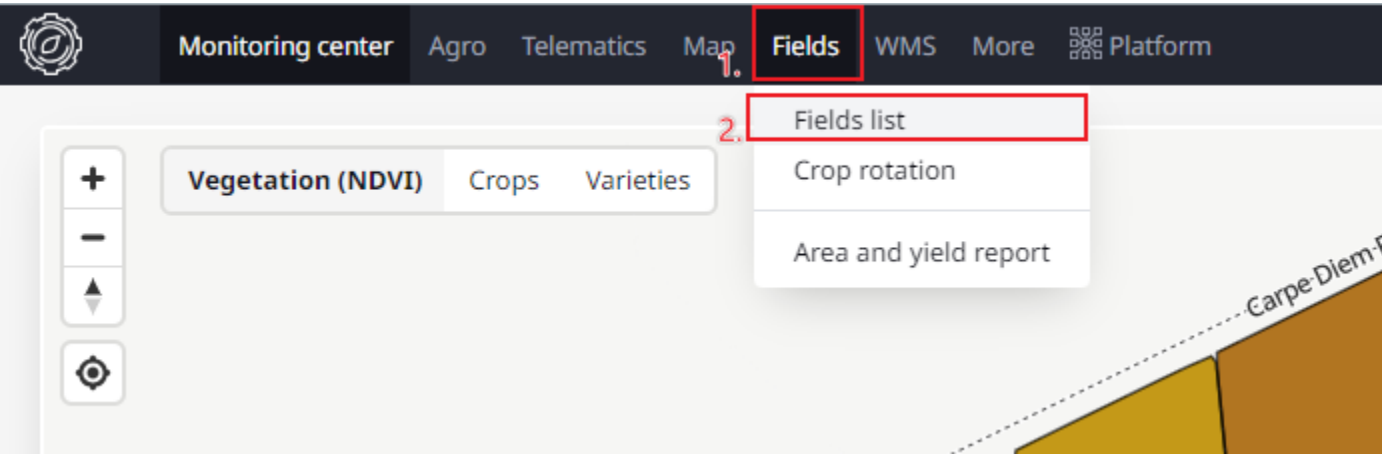
Kies formaat

Download

Download... Columns

- Group folder
- Field group
- Field
- Mapped area, ha
- Legal area, ha
- Tillable area, ha
- Calculated perimeter, km
- Legal perimeter, km
- Crop
- Crop (Short name)
- Variety
- Soil tillage type

# Hoe om lande se grense af te laai



# Hoe om toedienings rekords af te laai

Monitoring center **1.** Agro Telematics Map Fields WMS More Platform

**2.** Work planning  
Vegetation (NDVI) **Agro operations**  
Yield Forecast  
Positive yield matrix  
Negative yield matrix

SCOUTING  
Scouting map  
Scouting tasks  
Scouting reports

Carpe Diem Farms (playground) > Carpe Diem North PG

CD04 17.71 ha  
CD05 17.44 ha  
CD06 20 ha  
CD07 17.9 ha

atics Map Fields WMS More Platform **3. Kies jaar waarvoor rekord benodig word** Few groups 2023 All

2023 season selected. You can switch to current season by link → 2024 year.

**4. Kies spesifieke datum** 10/12/2023 — 01/12/2024

Today Yesterday This week This month Last month This year

Planned and in work **4** Completed **6** Canceled **1** All fields **16**

5. Kies Excel opsie **Excel**

Search by work type or date...

Agro operation	Field	Field group	Planned area, ha	Planned	Status
<b>– Application (4)</b>					
<b>– Spraying (4)</b>					
#133	CD09 Fallow	Carpe Diem North PG	13.5	Dec 18	Planned
#134	CD12 Fallow	Carpe Diem South PG	26.4	Dec 18	Planned
#132	CD08 Fallow	Carpe Diem North PG	10.3	Dec 18	Planned
#120	CD01 Spring Wheat	Carpe Diem North PG	27.0	Nov 21	Planned

Grouped  
**Detailed**  
Detailed, without applications  
Hierarchical report

# Hoe om monitoring data af te laai

Monitoring center **Agro** Telematics Map Fields WMS More Platform

1. Vegetation (NDVI)

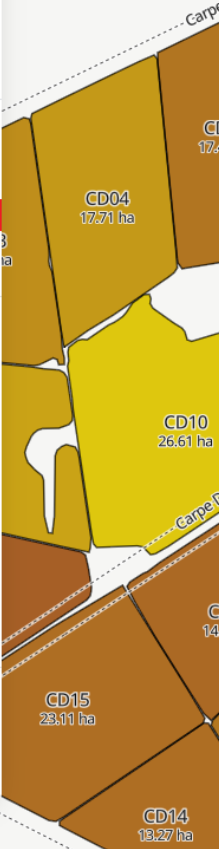
- Work planning
- Agro operations
- Yield Forecast
- Positive yield matrix
- Negative yield matrix

SCOUTING

- Scouting map
- Scouting tasks
- 2. Scouting reports
- Agro recommendations
- Photos upload

REPORTS

- Work report
- Vegetation reports
- NDVI change
- NDVI variability change
- Notes report
- Agro operations report
- Agro application report
- Harvest report
- Alerts report
- Variable Rate Application tasks report
- Soil samples tasks report
- Detecting weedy fields
- Field selection for SDHI fungicides
- Reglone recommendation
- Corn Hybrid Harvesting Forecast



Monitoring center Agro Telematics Map Fields WMS More Platform

2023 season selected. You can switch to current season by link → 2024 year.

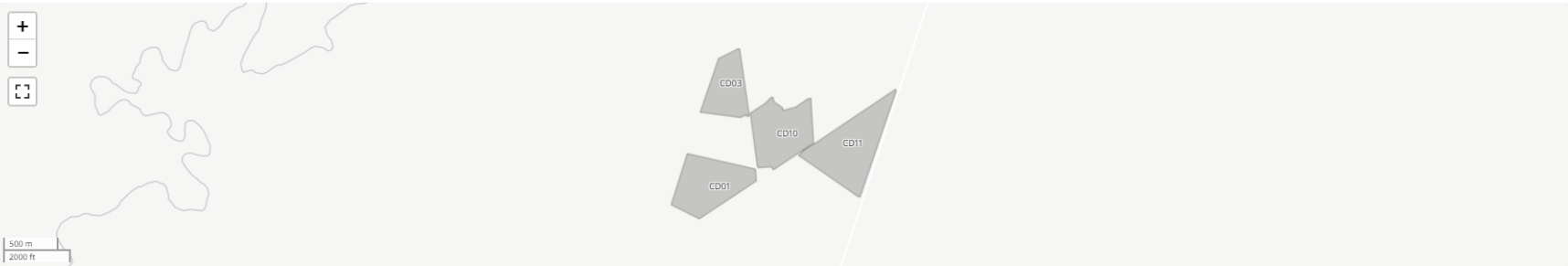
3. Kies jaar waarvoor rekord benodig word

4. Kies specifieke datum 2023-11-01 → 2024-12-31

Today Yesterday This week This month Last month This year

## cout reports


All By users By catalogs



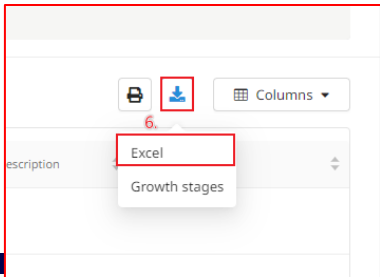
500 m 2000 ft

Search scout reports by field name, growth stage

5. Selektor toepaslike kolomme Columns

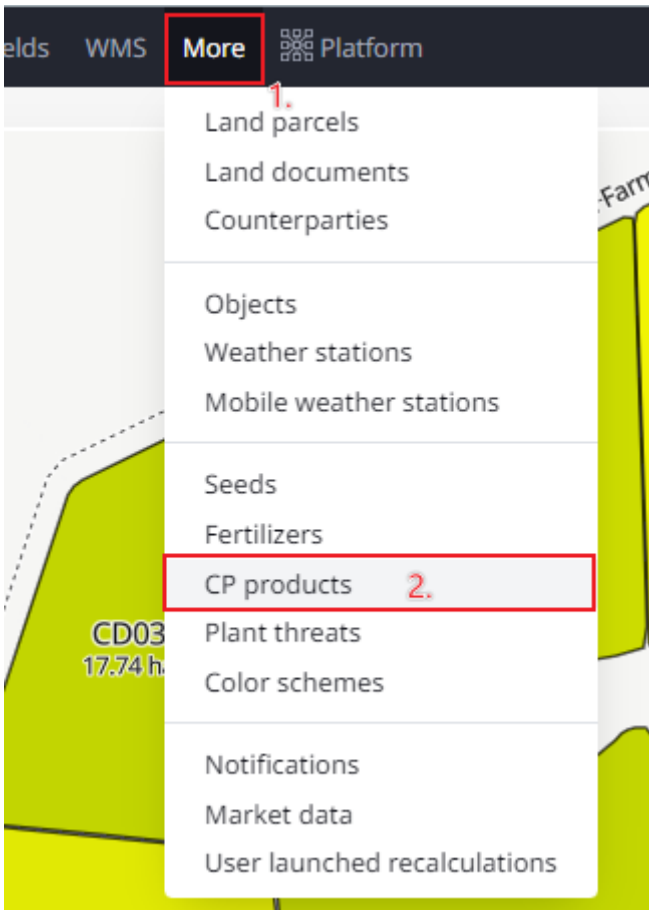
Scout report	Made at	Field group	Field	Crop   2023	Additional info	Report points description	Photos
#69	January 10, 2024 2:04 PM	Carpe Diem North PG	CD10 26.61 ha				
#66	December 4, 2023 11:18 AM	Carpe Diem North PG	CD03 17.74 ha				
#64	November 21, 2023 5:50 PM	Carpe Diem North PG	CD01 27.03 ha			Scout report with recommendation	
#63	November 16, 2023 3:53 PM	Carpe Diem South PG	CD11 33.93 ha				

6. Excel Growth stages



# Voeg gewasse en produkte by

# Produkte vanaf databasis in te voer



## Crop protection products

1. [Import CP product](#) [+ Add CP product](#)

Search CP products by name...

Name Additional info Type Active substances list Registration holder Registration number

- Adjuvant (91)

## Directory of CP products

2. Soek vir produk

<input type="checkbox"/>	CP products	Import status	Registration number	Type	Units of measurement	Term of use
<input type="checkbox"/>			L10755	Herbicide	Liters	-
<input type="checkbox"/>	2.4-D 480		L9332	Herbicide	Liters	September 3
<input type="checkbox"/>	2.4-D 720		L9326	Herbicide	Liters	September 3
<input type="checkbox"/>	2.4-D 80%		L9331	Herbicide	Kilograms	September 3

3. Voeg by

[Import CP product](#)

# Gewasse vanaf databasis in te voer

Few groups 2023 ▾ All ▾ **1.**

- USER MANAGEMENT **1.**
  - Users
  - Roles
  - Activity
  - Actions statistics
  - Pageviews stats
- CATALOGS
  - Field groups
  - Seasons
  - Crops 2.**
  - Work types
  - Alert types
  - Map layers
  - Personal identifier
- TELEMATICS
  - Avatars
  - Machine groups
  - GPS Loggers
  - GPS Receivers
- SYNGENTA SOUTH AFRICA
  - Profile

Market data

Futures		
Corn		
Flax		
Oats		
Soybean Meal	362.55	0.10
Soybean Oil	1 090.85	1.56
Soybeans	456.73	-0.01

**Crops** 2024 year **3.**

**Import standard crop** **+ Add crop**

Search crop by name...

Name	Short name	External ID	Number of fields	Percents of area, %	Tillable area, ha
<b>1. Standard crops</b>					
Alfalfa	Lucerne		4	0.51	77
Spring Barley			2	0.36	54
Potatoes			1	0.07	11

**Standard crops**

Standard crop	Import status	Crop type
<input checked="" type="checkbox"/> Spring Oat		Spring
<input type="checkbox"/> Winter Oat		Winter
<input type="checkbox"/> Spring Barley	Standard crop imported	Spring
<input type="checkbox"/> Winter Barley	Standard crop imported	Winter
<input type="checkbox"/> Buckwheat		Spring
<input type="checkbox"/> Cabbage		Spring
<input type="checkbox"/> Fallow		Spring
<input type="checkbox"/> Corn	Standard crop imported	Spring
<input type="checkbox"/> Onion		Spring
<input type="checkbox"/> Millet		Spring

**4.** Search

**5.** Import standard crop

Indien dit nie onder standard gewasse is nie kan dit self bygesit word

**Import standard crop** **+ Add crop** **1.**

Columns

**New crop**

Name **2. Naam van gewas**

Short name

Season type  Winter  Spring

Bind to the base crop

Bind work types to the crop Choose work type

Bind CPP to the crop Choose CPP

Yield estimation for crop

Associate threats for crop

Hide

External ID

Additional info

Description

**3.** **Create crop**



# Weeklikse opbrengsskattings vir grane

# Weeklikse opbrengsskattings

- Agro Telematics Map Fields WMS
- Work planning
- Agro operations
- Yield Forecast
- Positive yield matrix
- Negative yield matrix

Monitoring center Agro Telematics Map Fields WMS More Platform
Carpe Die... 2023 All

## Yield Forecast

South Africa **RI**

Spring Wheat: —, t/ha  
Canola: —, t/ha  
Canola-Lucerne: —, t/ha

6 October

**Verwysingsdatum**

CROPS	AREA, HA	YIELD, T/HA	YIELD Δ 2 WEEKS
Spring Wheat	89	2.35	-23.26%
Canola	58	1.79	-9.99%
Canola-Lucerne	36	1.90	+0.82%
Pea	4	1.73	-24.84%

Kliek op 'n gewas om tendens vir plaas en lande te sien

500 m © Cropwise Operations Platform | © MapTiler © OpenStreetMap contri

- Agro Telematics Map Fields WMS
- Work planning
- Agro operations
- Yield Forecast
- Positive yield matrix
- Negative yield matrix

Monitoring center Agro Telematics Map Fields WMS More Platform
Carpe Die... 2023 All

## Yield Forecast

All crops / Spring Wheat

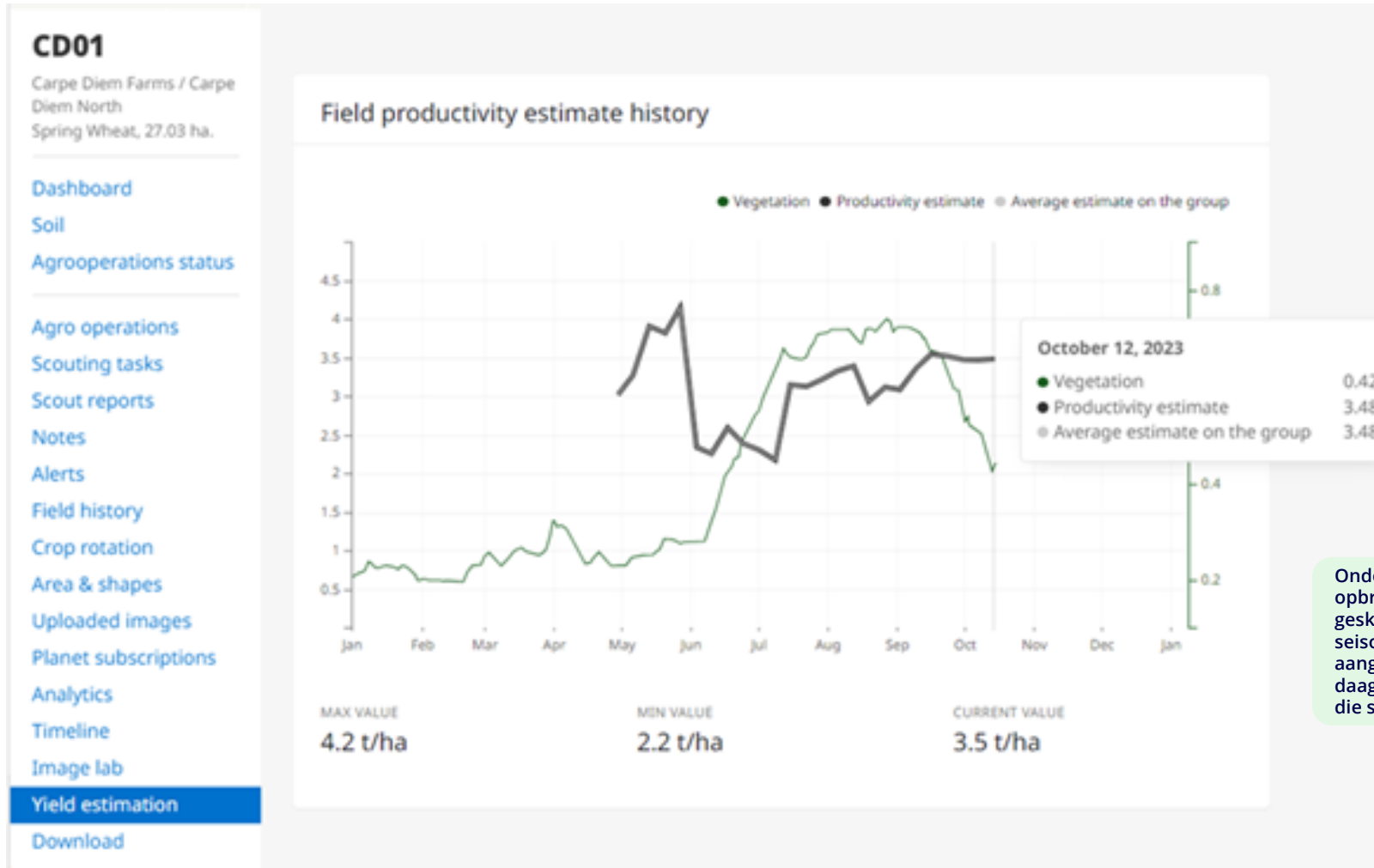
14 October

FIELD GROUPS	AREA, HA	YIELD, T/HA	YIELD Δ 2 WEEKS
Carpe Diem South	62	2.46	-9.55%
Carpe Diem North	27	3.11	+28.87%

500 m © Cropwise Operations Platform | © MapTiler © OpenStreetMap contributors

- Agro Telematics Map Fields WMS
- Work planning
- Agro operations
- Yield Forecast
- Positive yield matrix
- Negative yield matrix

# Weeklikse opbrengsskattings: land spesifiek



## Target field versus peer group

	Field	Peer group
Predecessor	Alfalfa	On chart
Seeding date	—	24 Apr – 12 May
Harvesting date	—	15 Oct – 15 Oct
Yield(t/ha)	3.6	3.4 – 3.6
Accumulated precipitation	313.4 mm.	—
Average soil moisture	48.0 %	63.3 %
Maximum vegetation (NDVI)	0.74	0.78
Land quality assessment	—	—

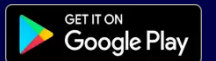
Onder die land se inligting blad, by die opbrengsskattings afdeling, word die geskatte opbrengs deur die loop van die seisoen teenoor die groei van daardie land aangetoon op 'n grafiek. Dit word ook dan daaglik aangepas. Jy kan dan ook sien hoe die skatting met die ander lande vergelyk.



Cropwise  
Operations

Hoe werk Cropwise Operations?

# Selfoon toepassing (Android)

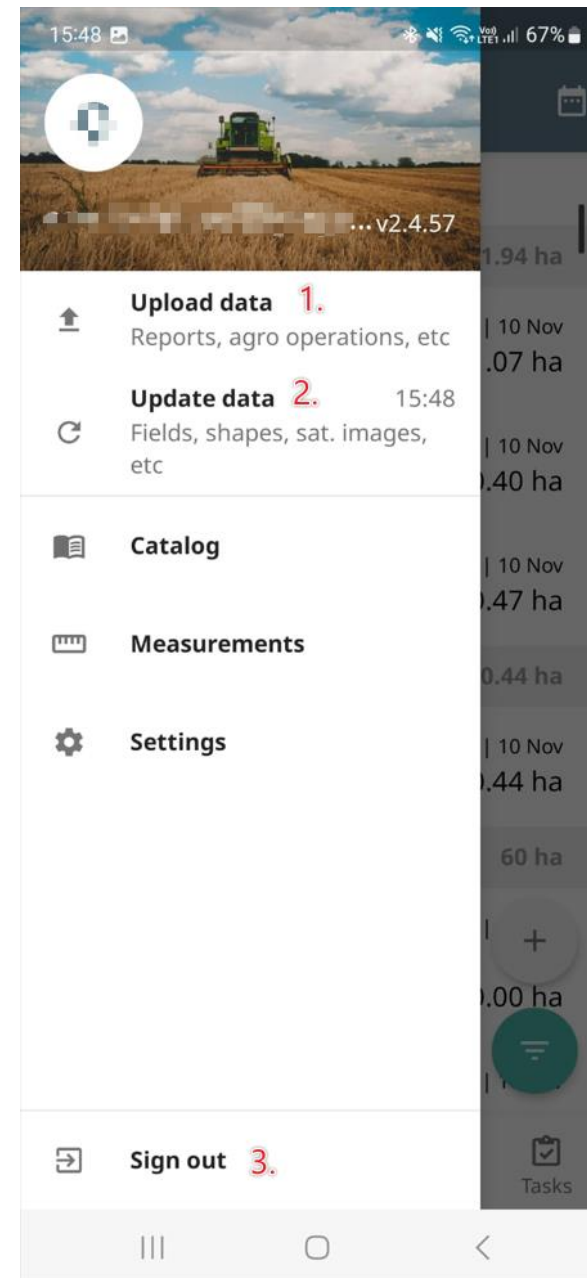
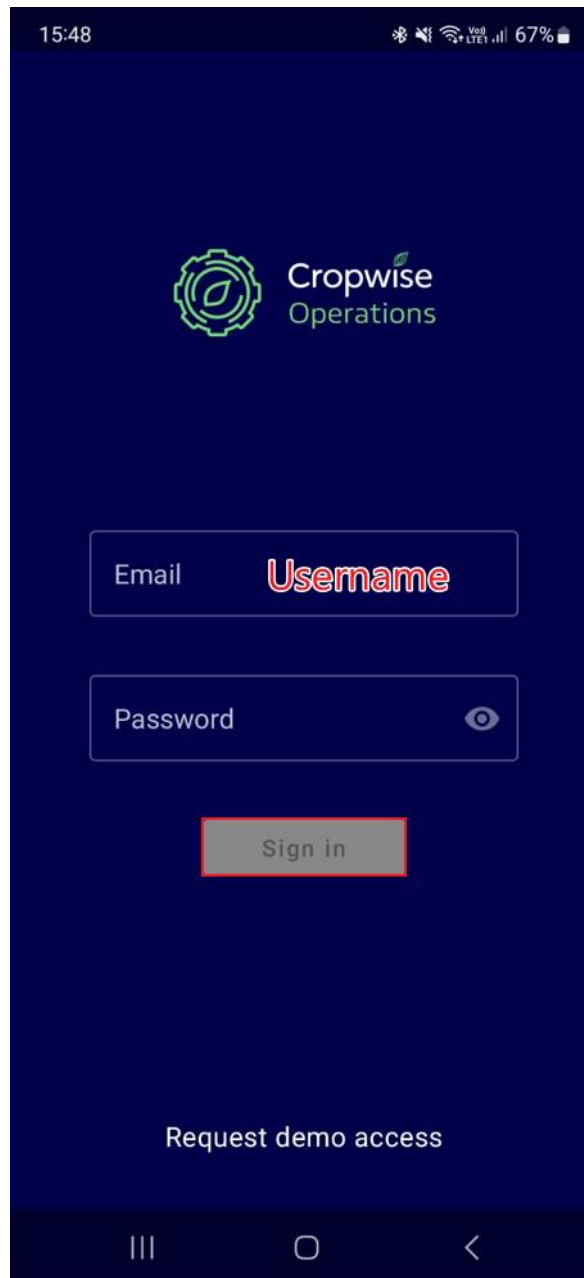


Mobile App for Android

# Selfoon toepassing oorsig en aanwysings (Android)

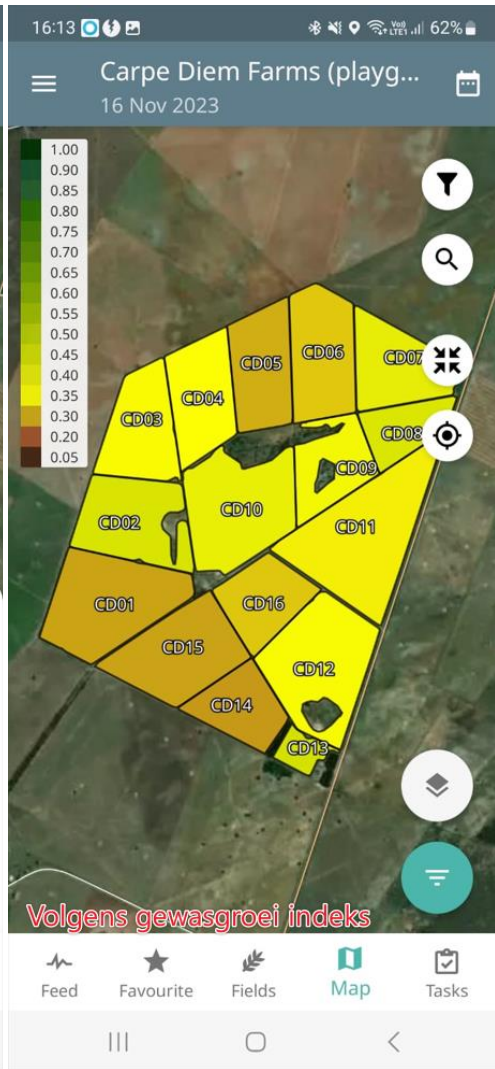
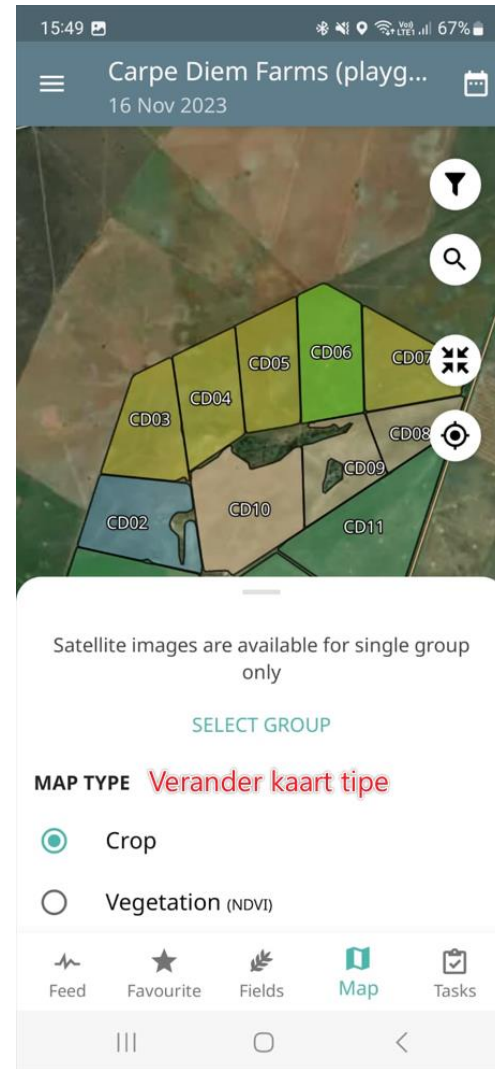
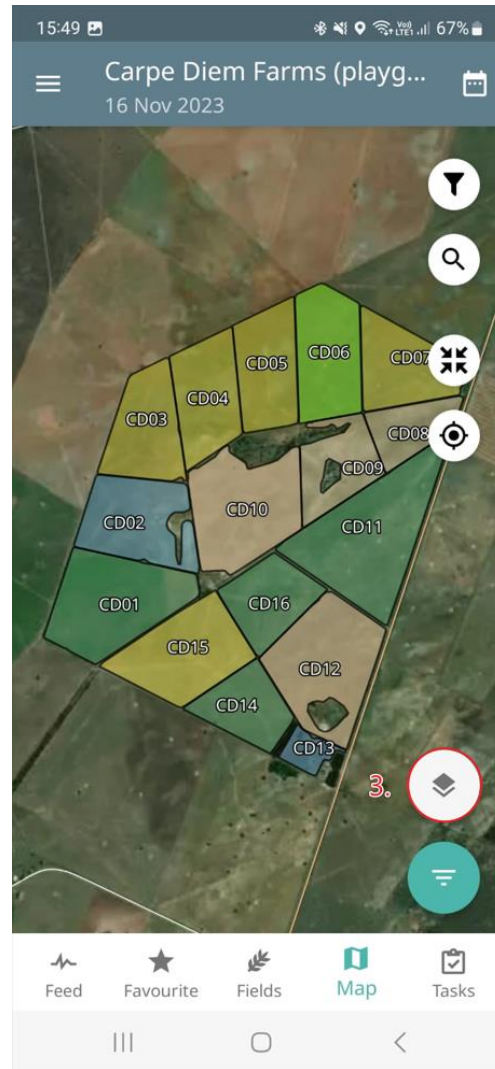
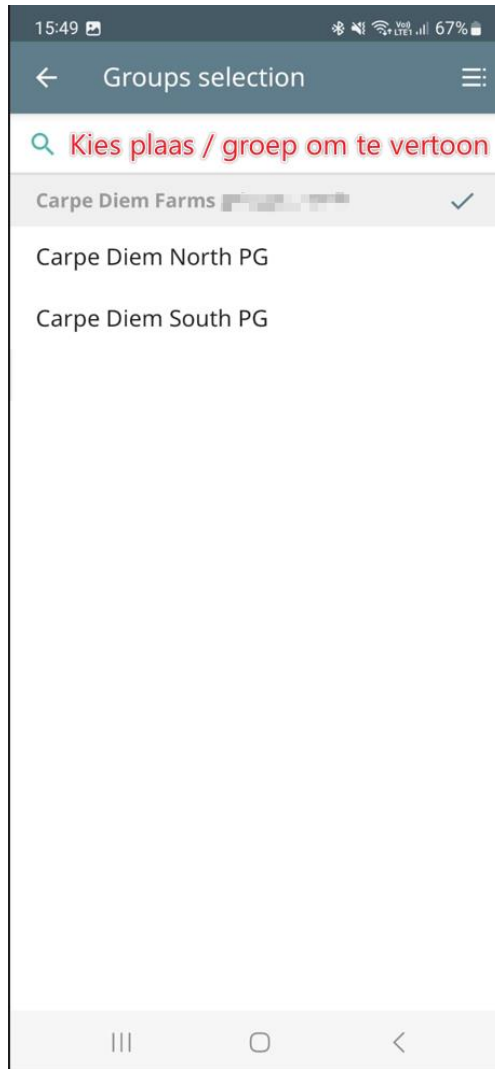
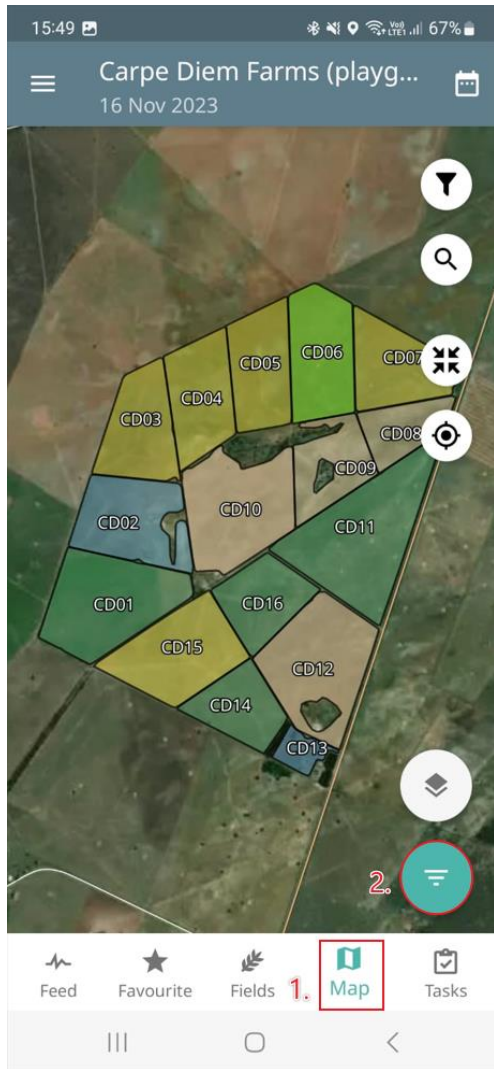
 <https://www.youtube.com/watch?v=zqi8ci93NYg>

# Teken in



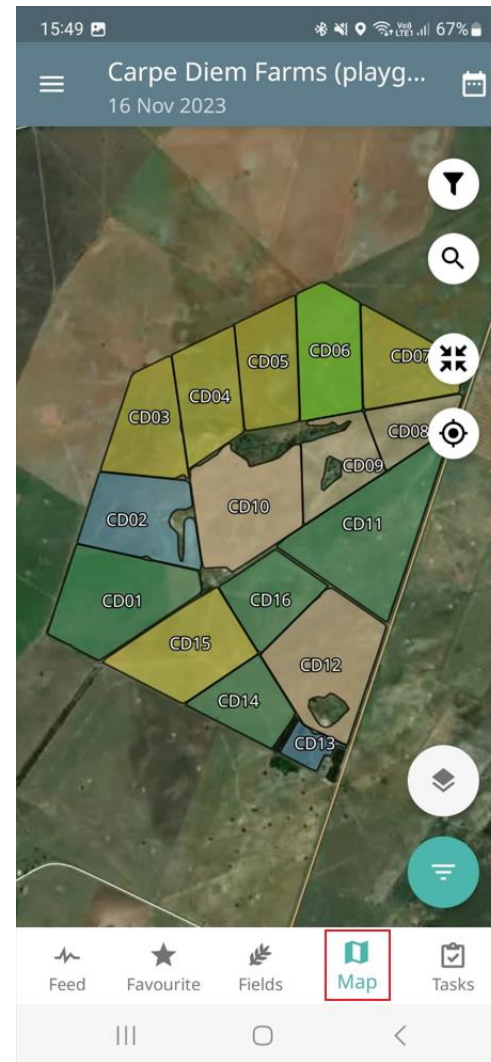
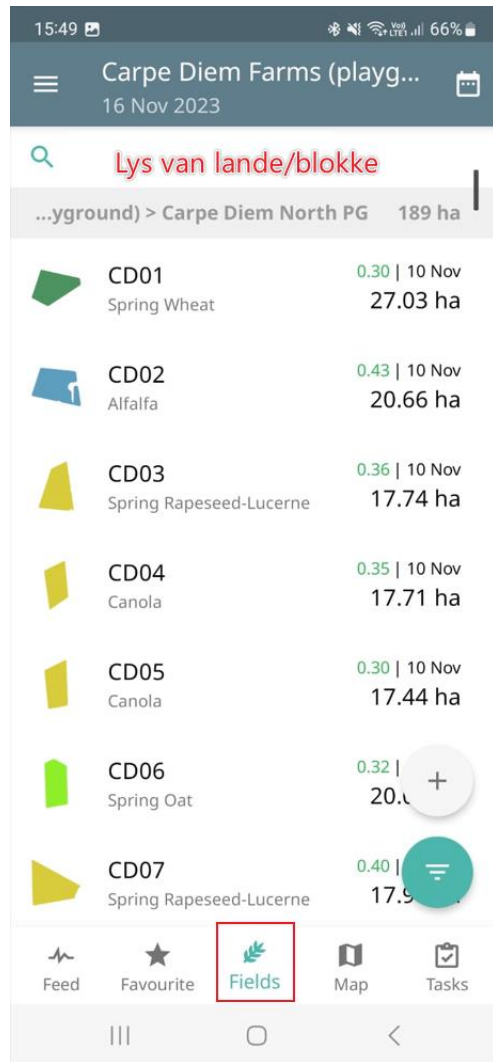
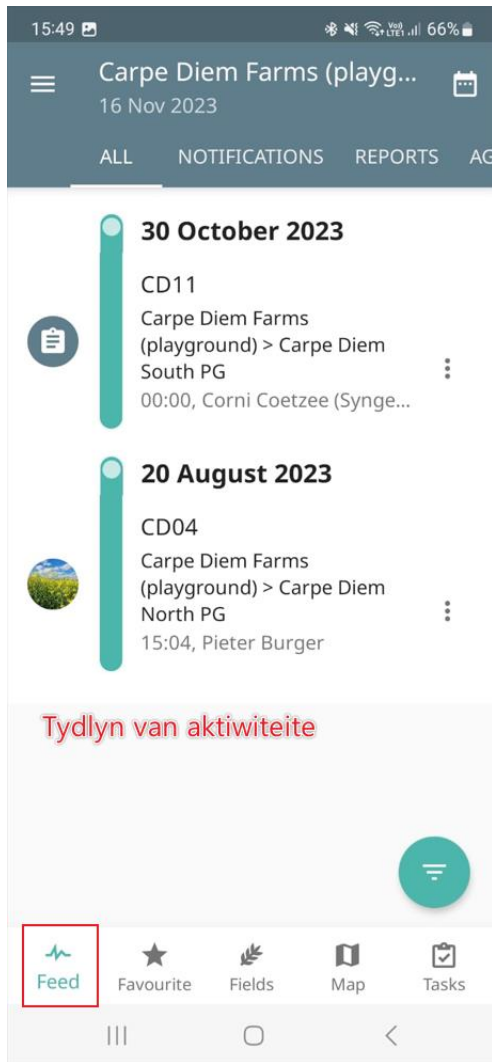
1. Om data wat op foon vasgevang is na webblad te stuur
2. Om data vanaf webblad na selfoon toepassing te stuur
3. Om uit te teken

# Navigasie

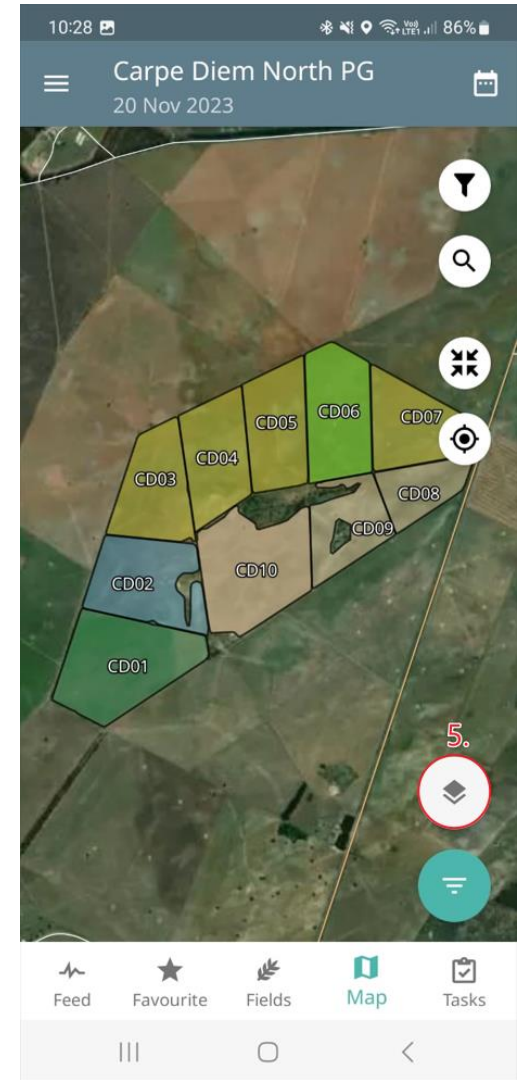
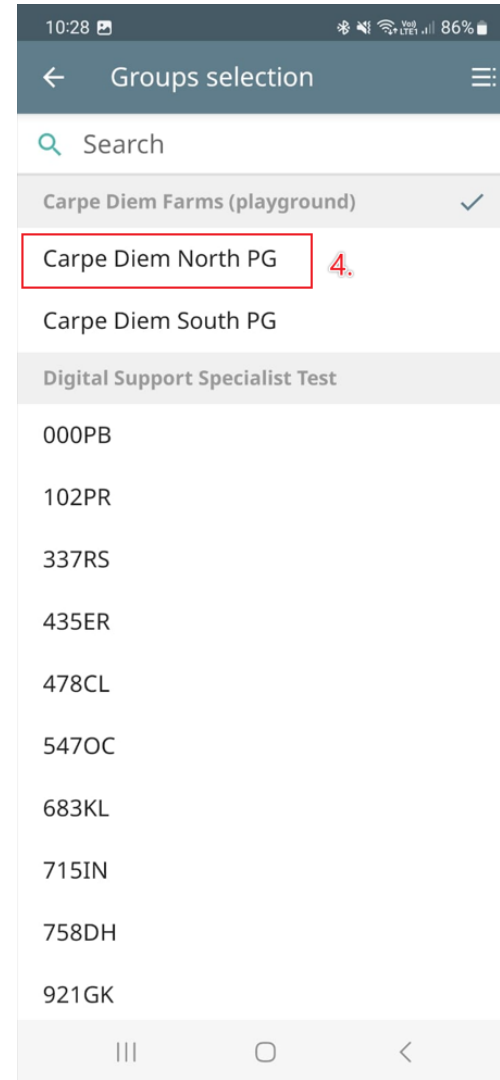
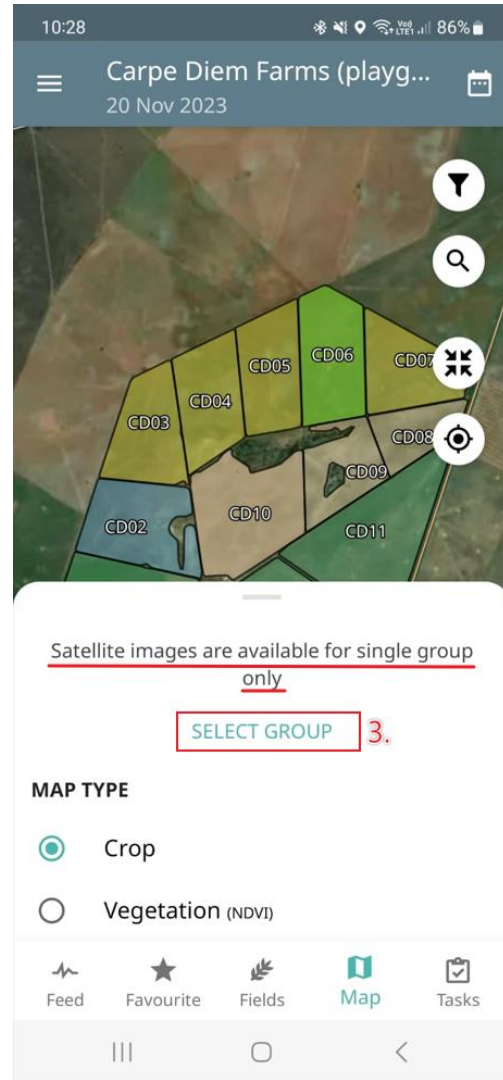
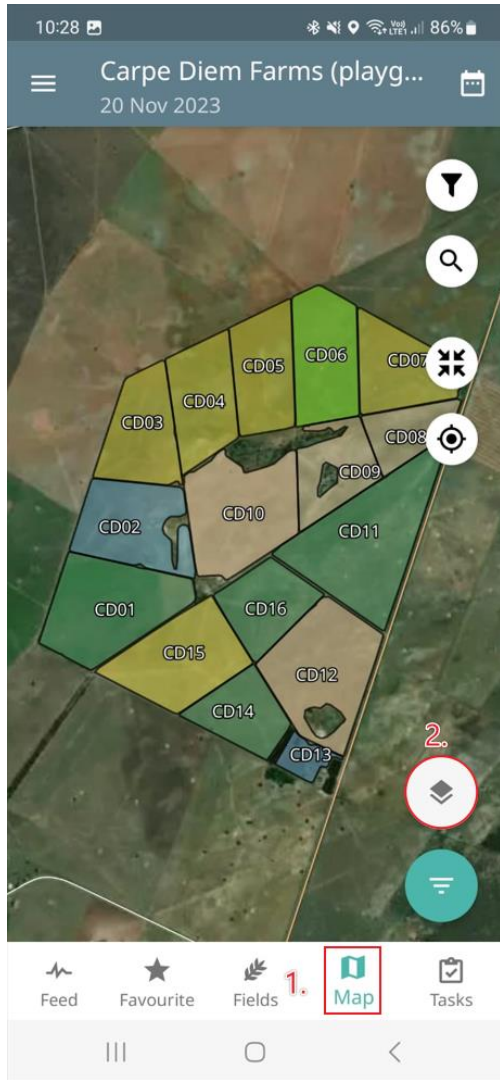




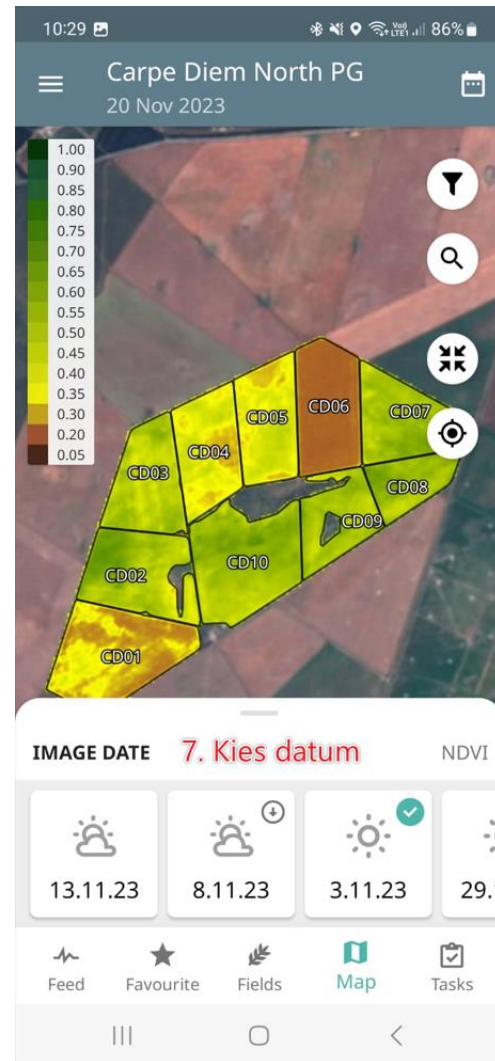
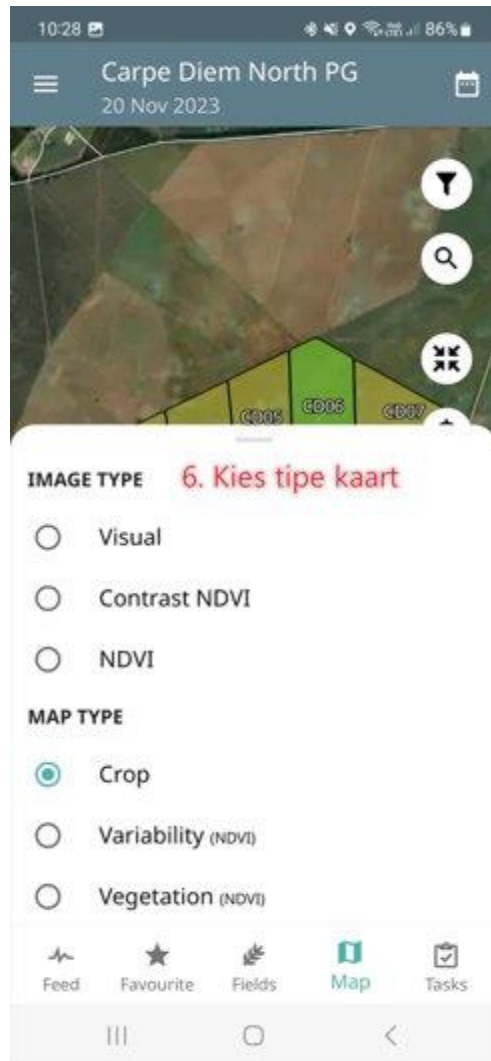
# Navigasie – onderste paneel



# Satellietbeelde algeheel



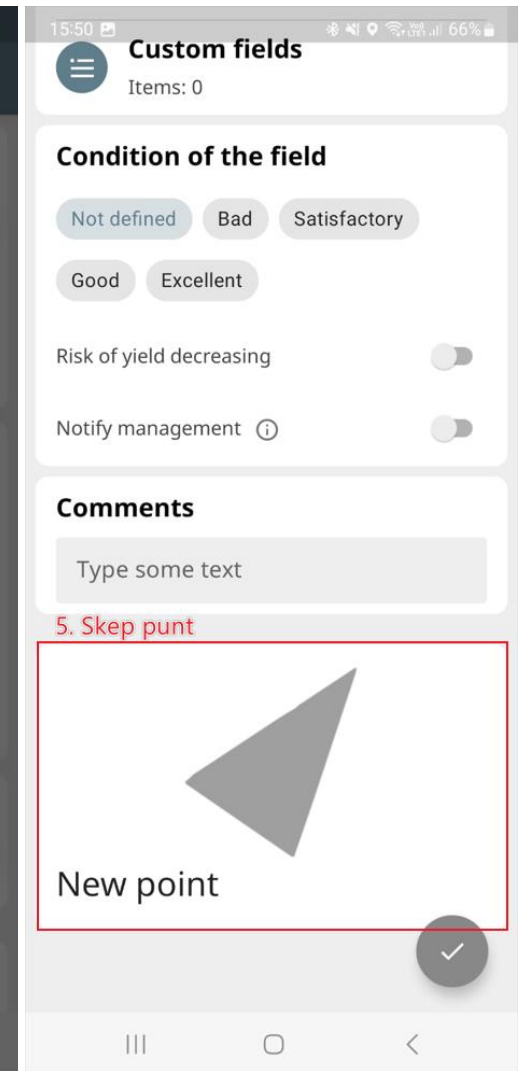
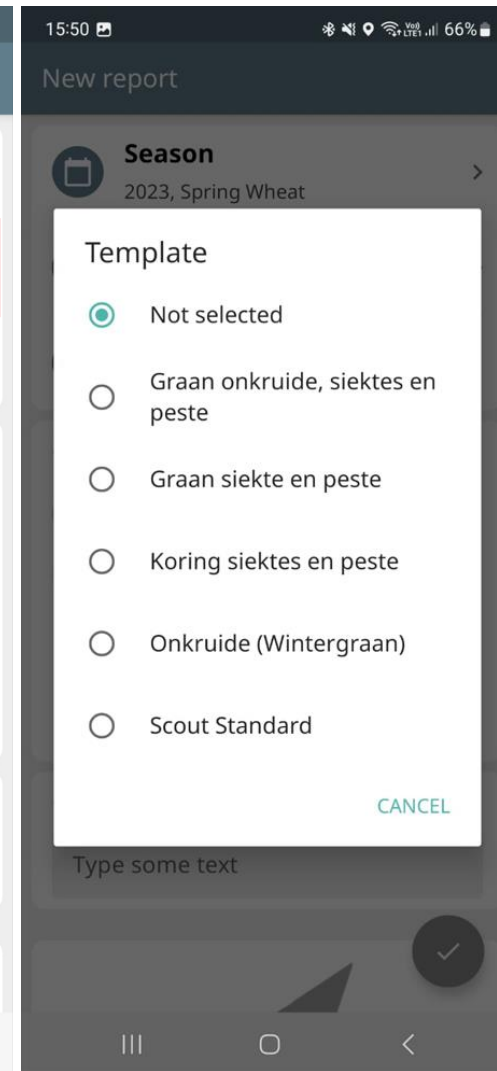
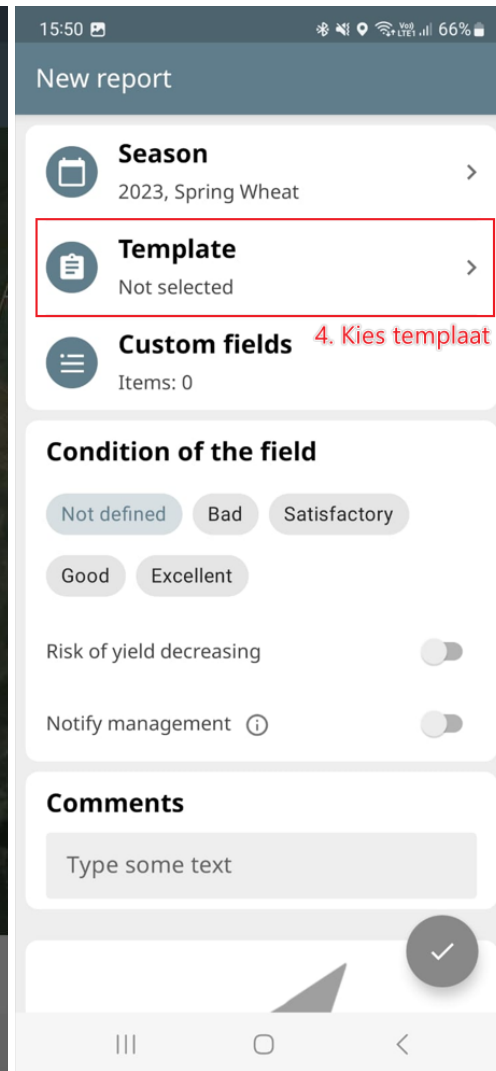
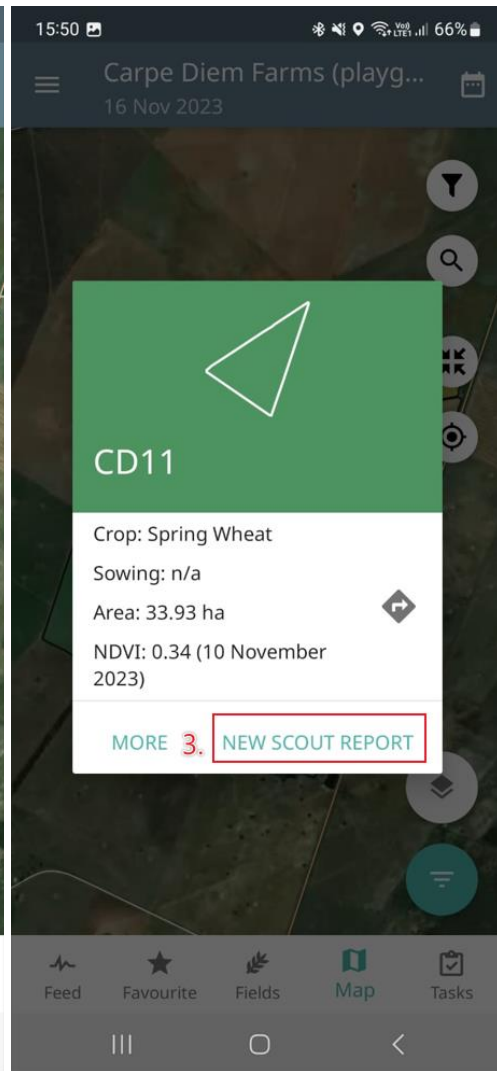
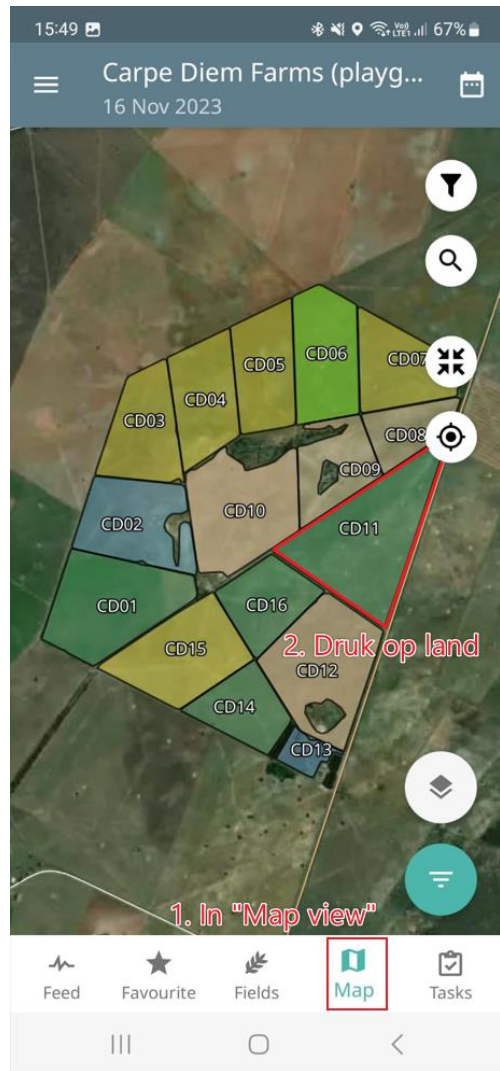
# Satellietbeelde algeheel (vervolg)



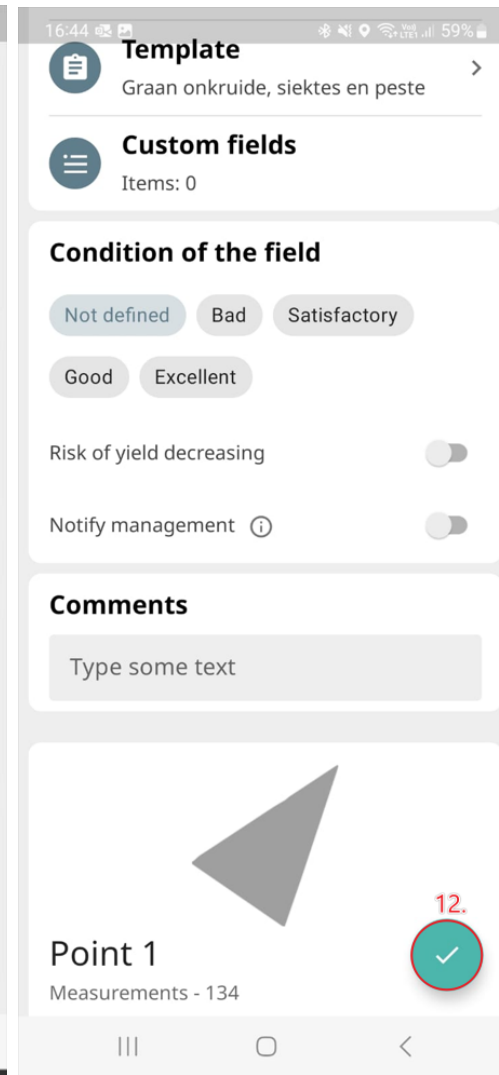
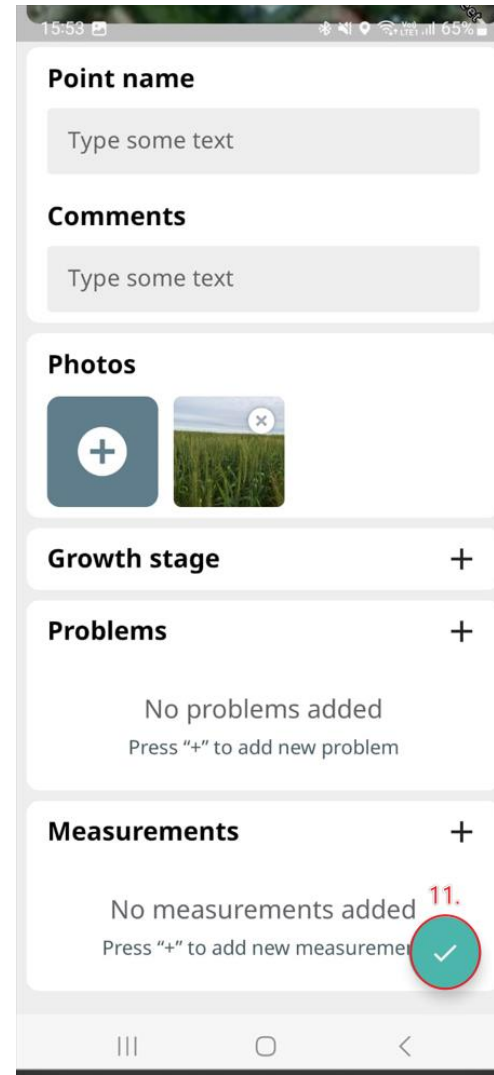
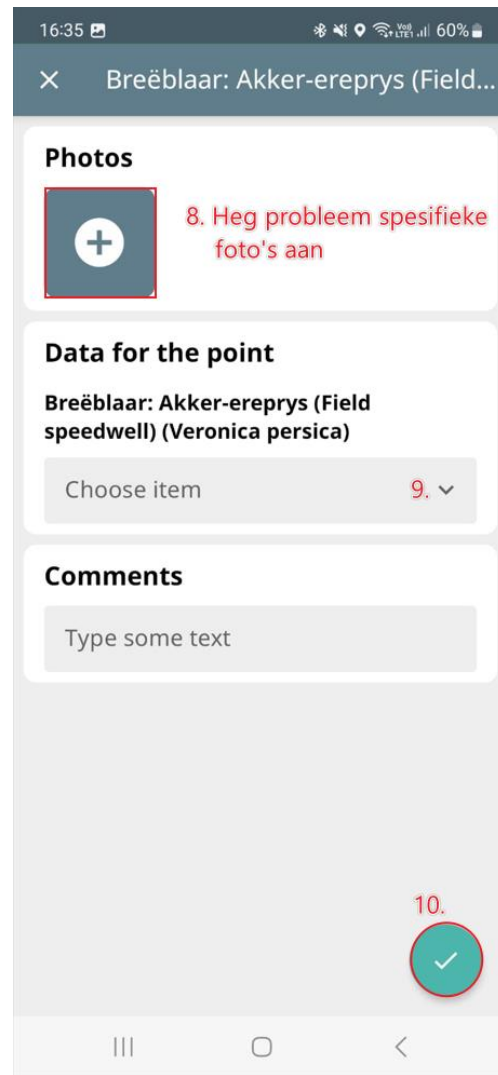
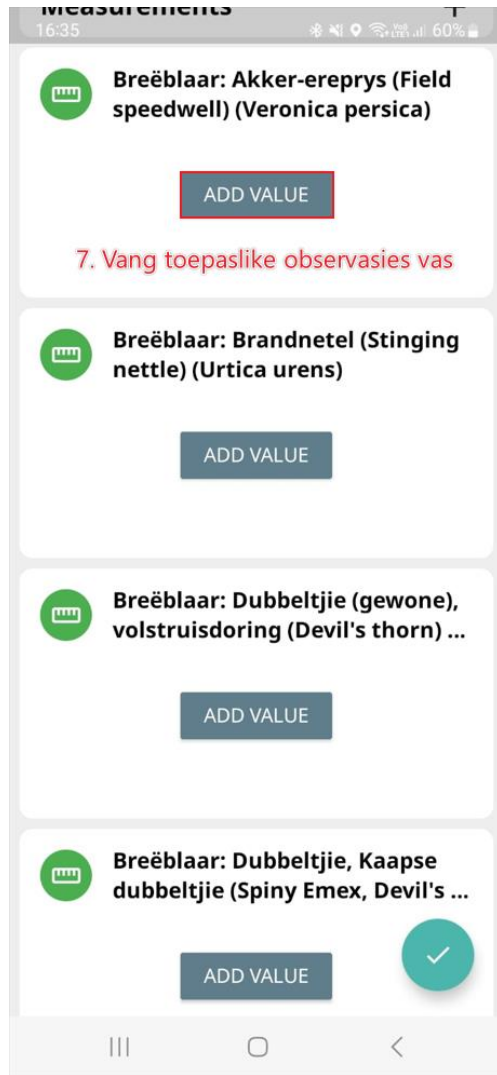
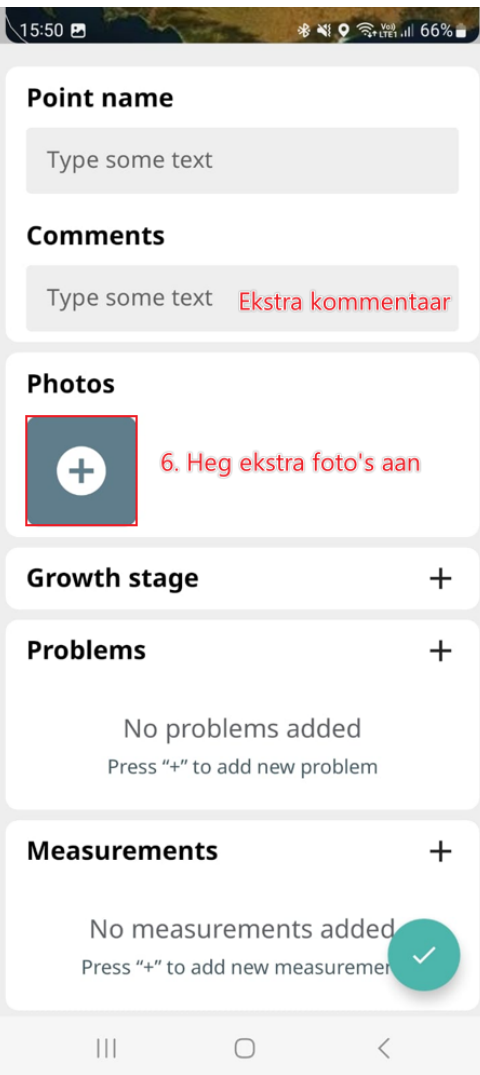


# Skep van veldbesoek (observasie)

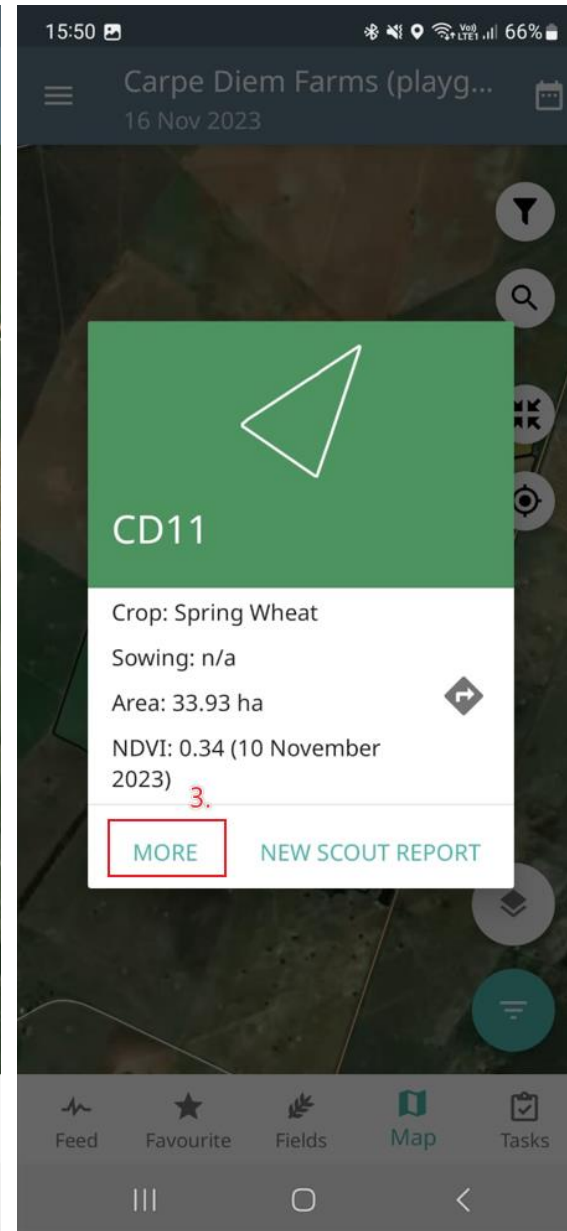
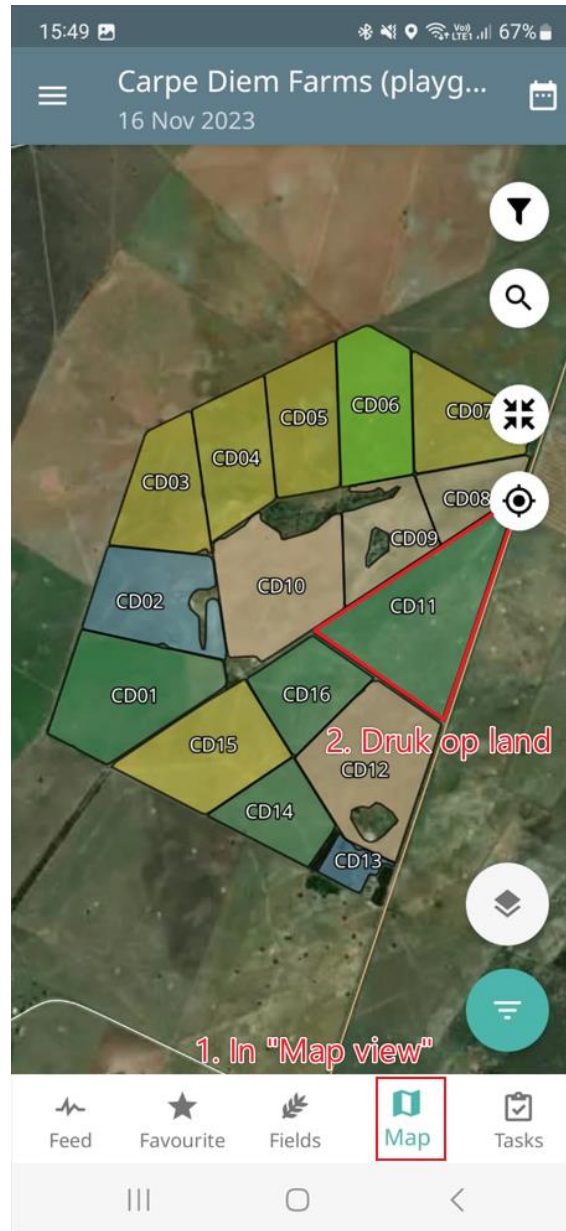
Vir enige pasmaak template kan die Cropwise span gekontak word



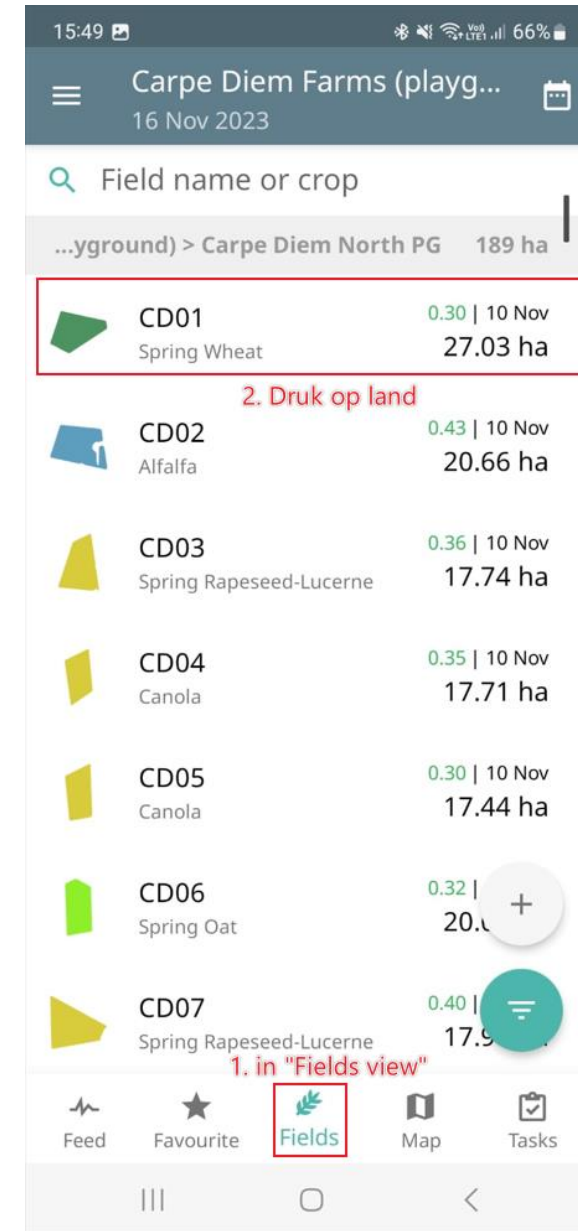
# Skep van veldbesoek (vervolg)



# Land inligting

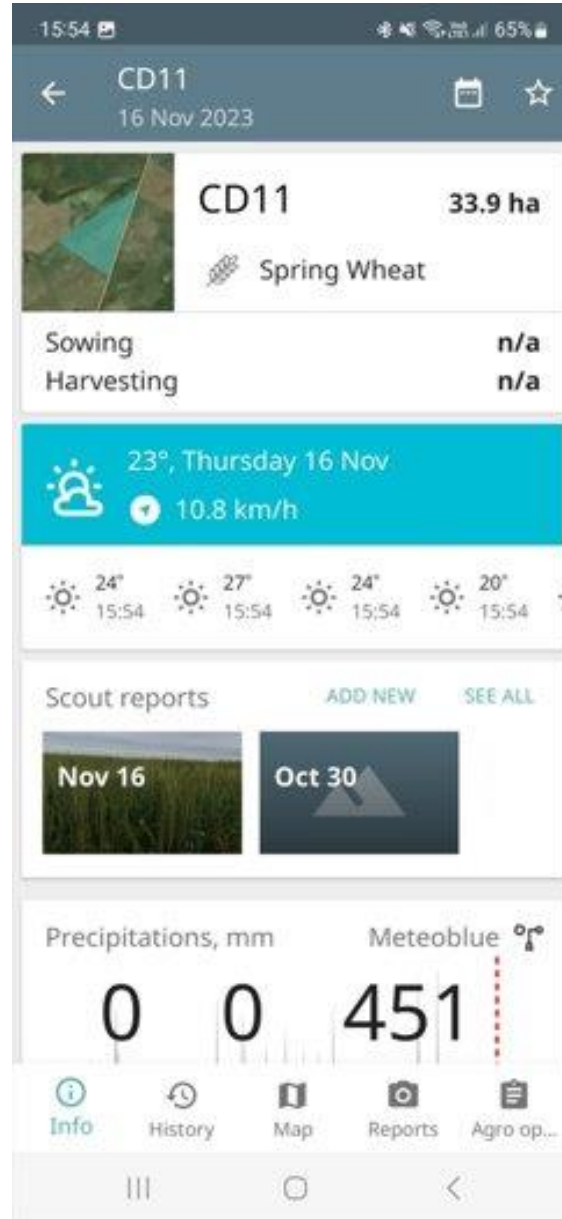


OF





# Land inligting (vervolg)





# Rekord van toediening

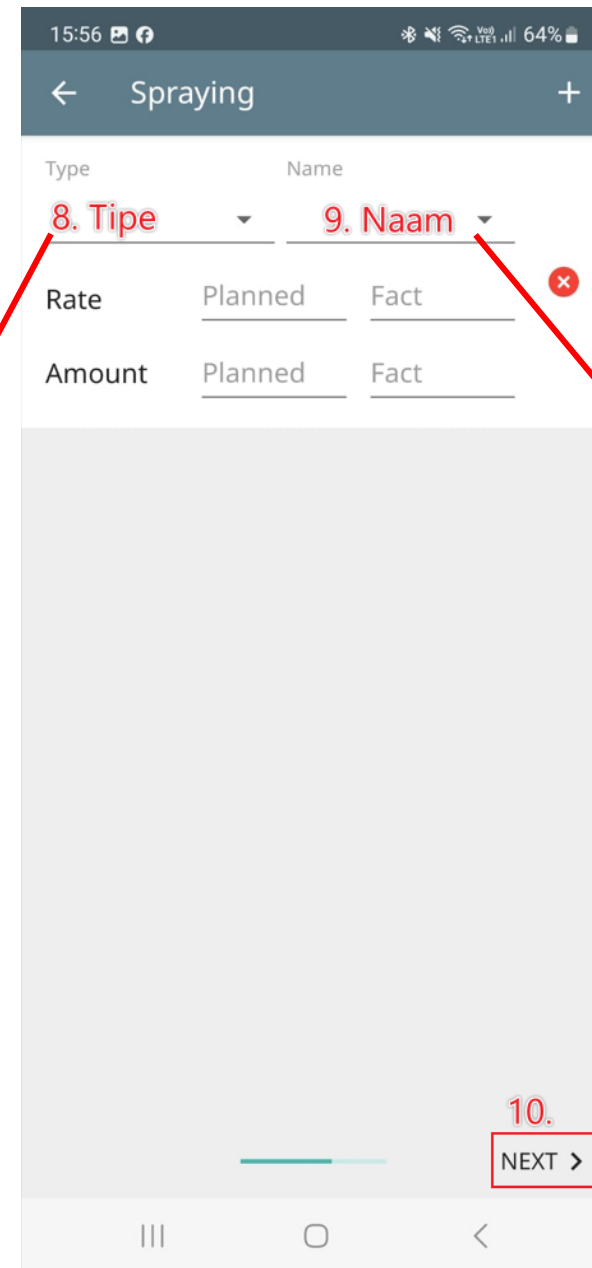
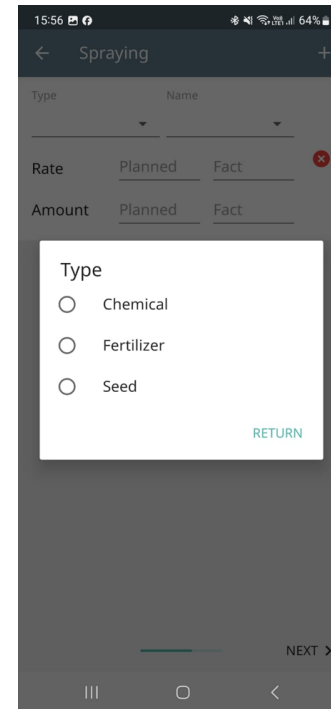
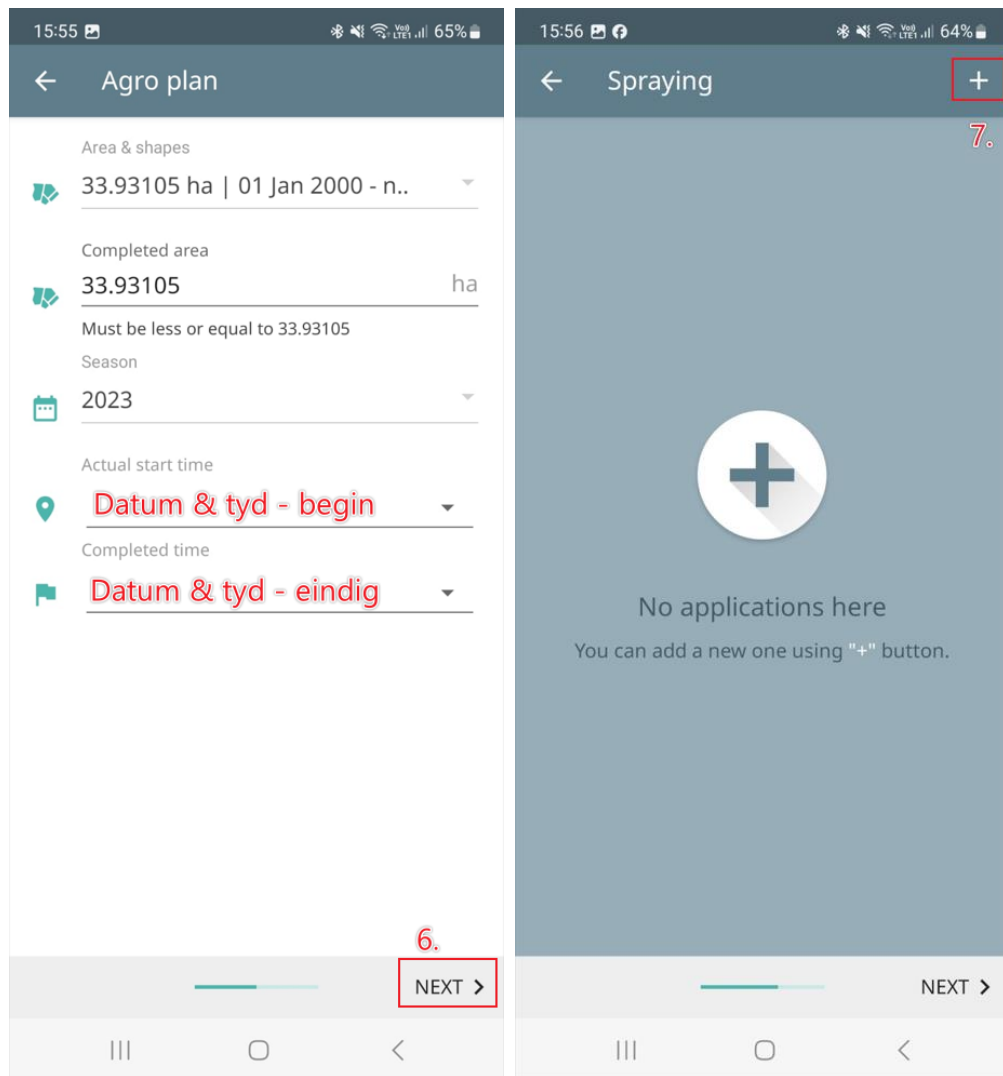
Vanaf land se inligting blad

The image displays four sequential screenshots of the Cropwise Operations mobile application, illustrating the steps to record an application:

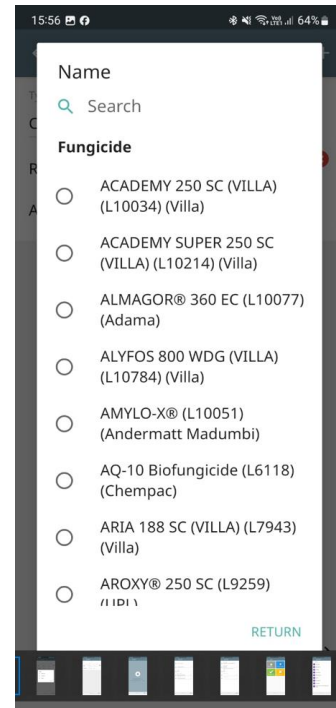
- Screenshot 1: Field Information** - Shows details for field CD11 (33.9 ha, Spring Wheat) on 16 Nov 2023. It includes weather data (23°C, 10.8 km/h) and a bottom navigation bar with an 'Agro op...' icon circled in red and labeled '1.'.
- Screenshot 2: No Operations** - Shows a message 'There are no operations in the season' with a '+ Create agro operation' button circled in red and labeled '2.'.
- Screenshot 3: Work type group** - Shows a list of work types. 'Application' is selected and circled in red, labeled '3.'.
- Screenshot 4: Application** - Shows a list of application types. 'Spraying' is selected and circled in red, labeled '4.'.

The final screenshot shows the 'Status' screen with four options: 'Planned', 'In progress', 'Completed' (labeled '5.'), and 'Canceled'.

# Rekord van toediening (vervolg)



Nuwe produkte wat bygevoeg word, moet op die web toepassing gedoen word



# Rekord van toediening (vervolg)

Pasmaak items kan bygevoeg word deur die Cropwise span te kontak

15:57 64%

← Spraying

Planned water rate /ha

Fact water rate /ha

11. NEXT >

15:57 64%

← Additional info

Operation number

Operation name

External ID

Additional info

Description

12. NEXT >

15:57 64%

← Custom fields

Vul nodige inligting in

**A1. Recommended by (crop advisor)**  
Choose item

**A2. Recommendation reference**  
Type some text

**A3. Issued by (manager)**  
Choose item

**A4. Assignee: Spray Operator**  
Choose item

**A5. Assignee: Handler/mixer**  
Choose items

**A7. Crop growth stage**  
Choose item

**A8. Targets / Reason** 13. ✓

15:57 64%

ALL COMPLETED IN PROGRESS PL

✓ Application/Spraying  
Spring Wheat  
16 Nov 2023 - 16 Nov 2023  
Completed 16 Nov 2023  
Number of applications: 1

+

Info History Map Reports Agro op...

# Satellietbeelde per land

Vanaf land inligting blad

CD11  
16 Nov 2023

CD11 33.9 ha  
Spring Wheat

Sowing n/a  
Harvesting n/a

23°, Thursday 16 Nov  
10.8 km/h

24° 15:58 27° 15:58 24° 15:58 20° 15:58

Scout reports ADD NEW SEE ALL

Nov 16 Oct 30

Precipitations, mm Meteoblue

0 0 451

Info History **1.** Map Reports Agro op...

15:58 64%

CD11  
16 Nov 2023

CD11

2.

Info History **Map** Reports Agro op...

15:58 64%

CD11  
16 Nov 2023

IMAGE TYPE 3. Kies tipe beeld

- Visual
- Contrast NDVI
- NDVI

MAP TYPE

- Default
- Variability (NDVI)
- Vegetation (NDVI)

Info History **Map** Reports Agro op...

15:58 64%

CD11  
16 Nov 2023

1.00  
0.90  
0.85  
0.80  
0.75  
0.70  
0.65  
0.60  
0.55  
0.50  
0.45  
0.40  
0.35  
0.30  
0.20  
0.05

CD11

IMAGE DATE 4. Kies datum NDVI

13.11.23 3.11.23 29.10.23 24.11.23

Info History **Map** Reports Agro op...

15:59 64%

CD11  
16 Nov 2023

0.39  
0.35  
0.32  
0.28  
0.24

CD11

Info History **Map** Reports Agro op...



# Voeg 'n land by op App (Google Android)



All groups  
02 Jan 2024

Field name or crop

Carpe Diem Farms > Carpe Diem North 189 ha

ID	Crop	Area (ha)
CD01	Spring Barley	27.03
CD02	Alfalfa	20.66
CD03	Not defined	17.74
CD04	Not defined	17.71
CD05	Not defined	17.44
CD06	Not defined	20.00
CD07	Alfalfa	17.00
CD08	Not defined	0.36

Kliek (+) om 'n land by te voeg

New field

- Kliek punte in op kaart
- Kliek (+) om 'n punt volgens ⊕ posisie by te voeg
- Kliek (✓) om land te skep

Perimeter: 3.375 km Area: 40.455 ha

New field

- Tik land se naam in
- Kies plaas naam



Cropwise  
Operations

## Hoe werk Cropwise Operations?

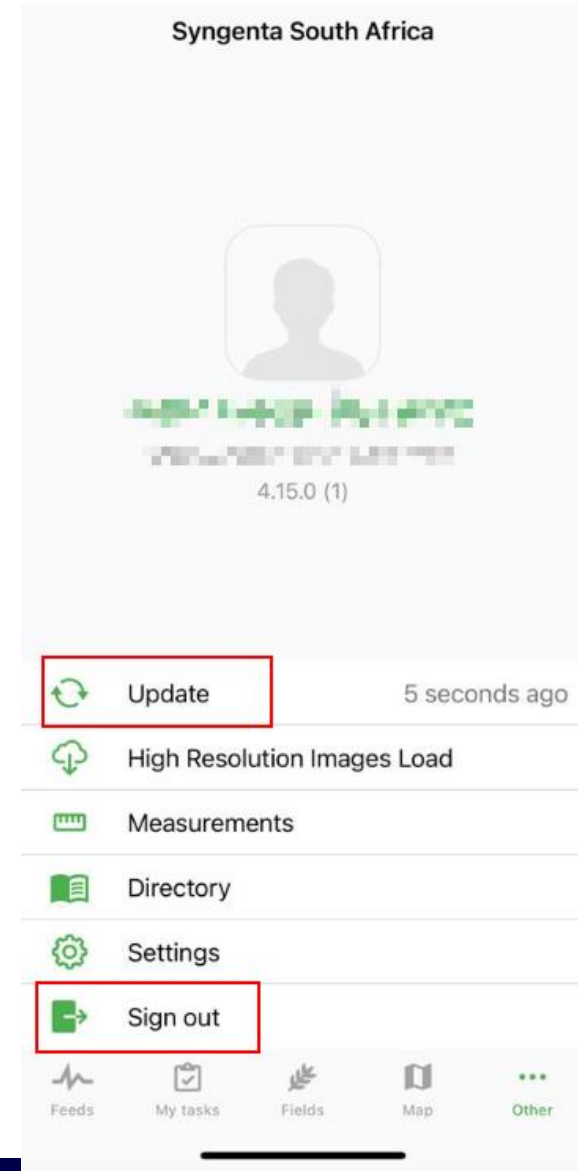
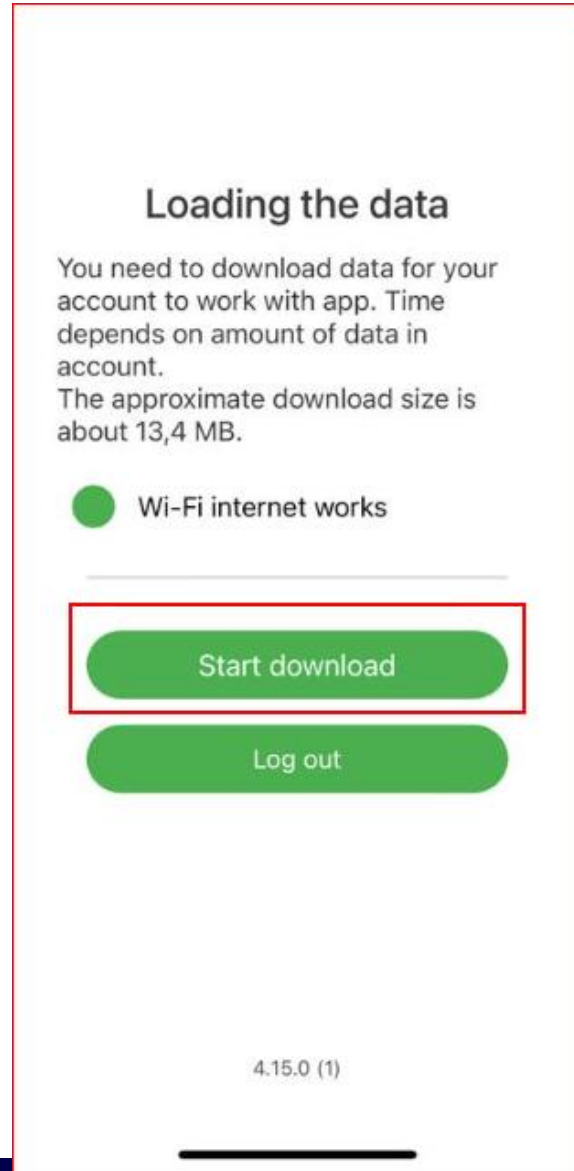
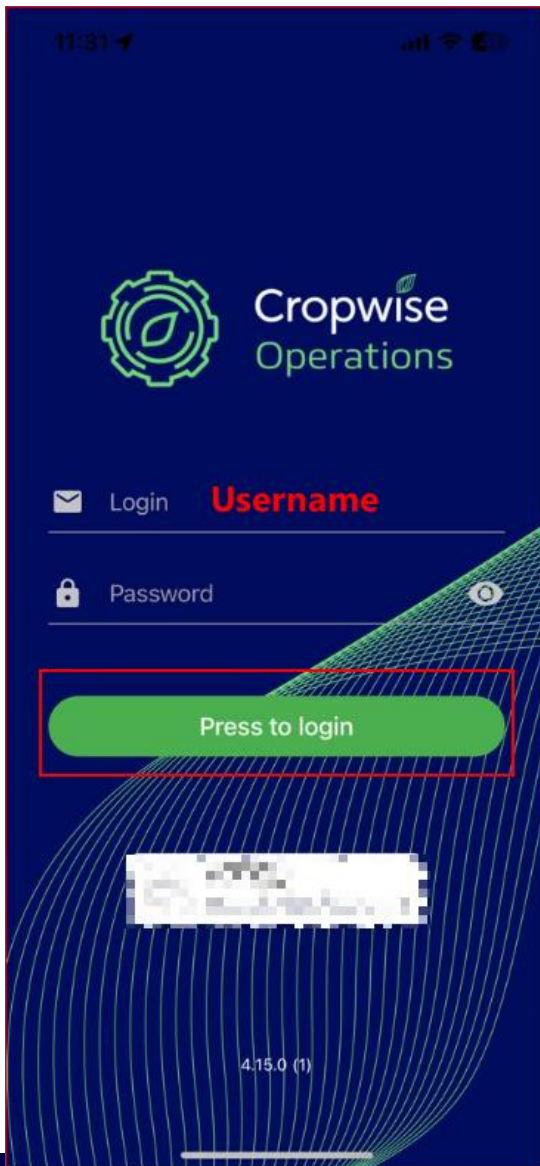
# Selfoon toepassing (Apple iOS)



Mobile App for iPhone and iPad



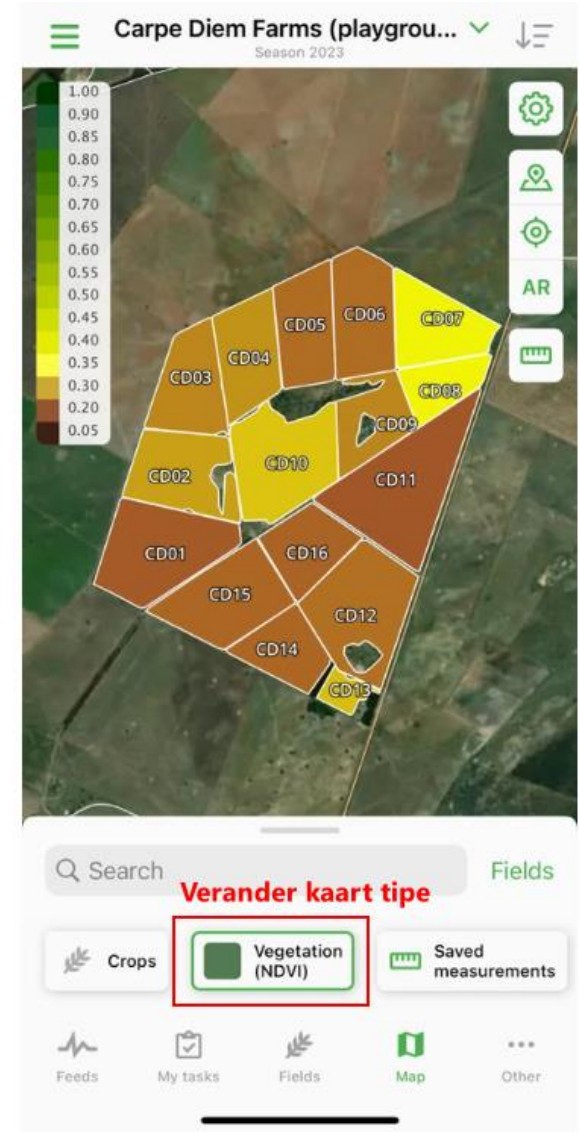
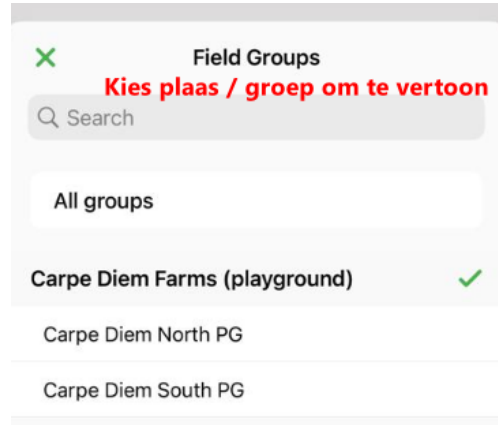
# Teken in



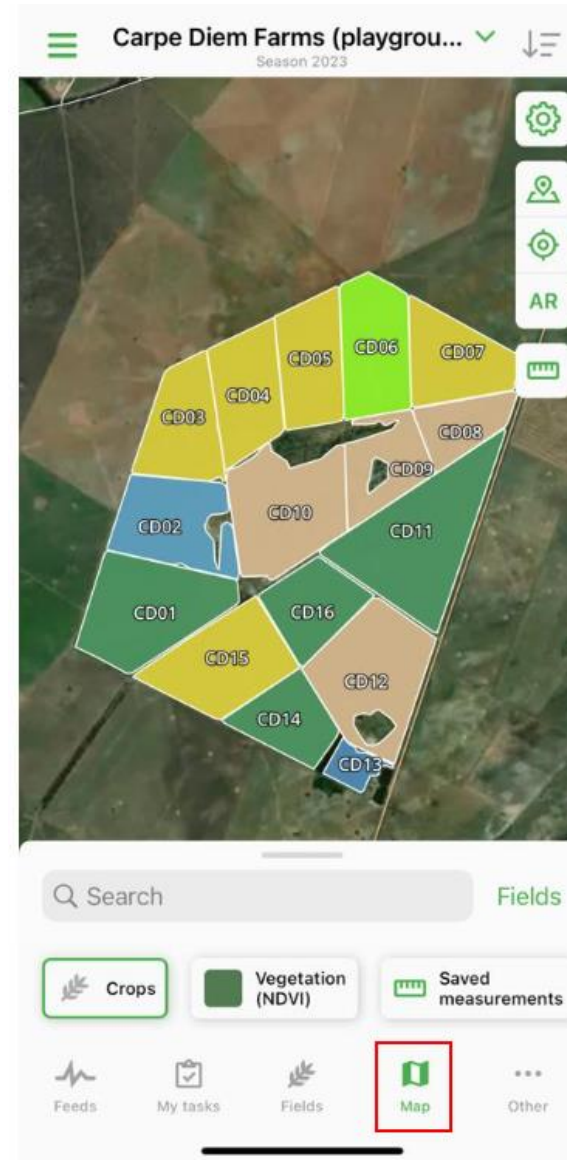
1. Om data wat op foon vasgevang is na webblad te stuur
2. Om data vanaf webblad na selfoon toepassing te stuur

3. Om uit te teken

# Navigasie

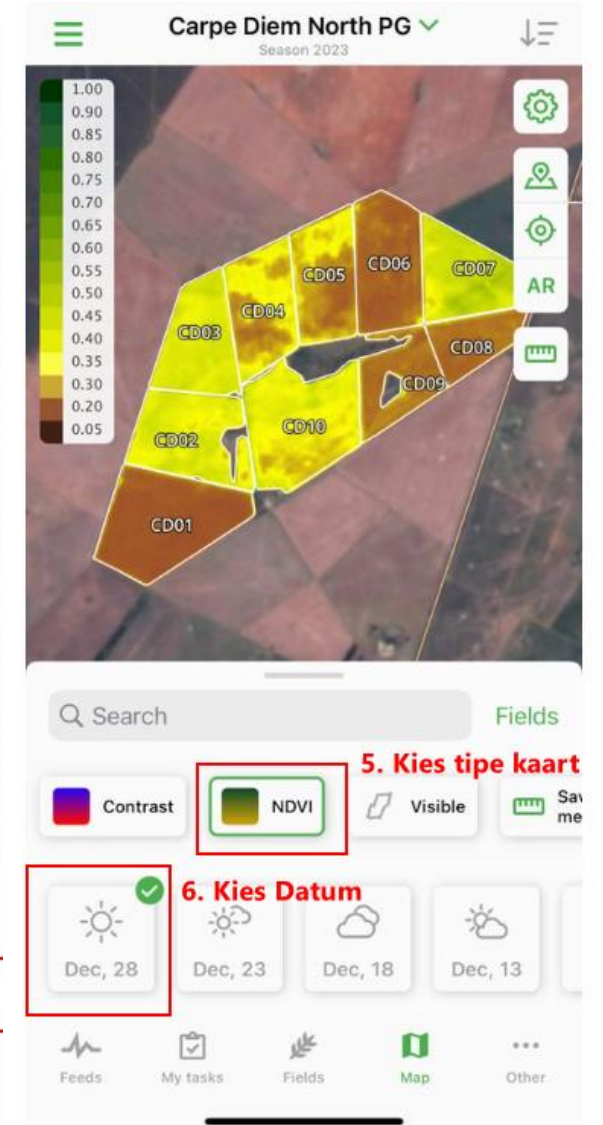
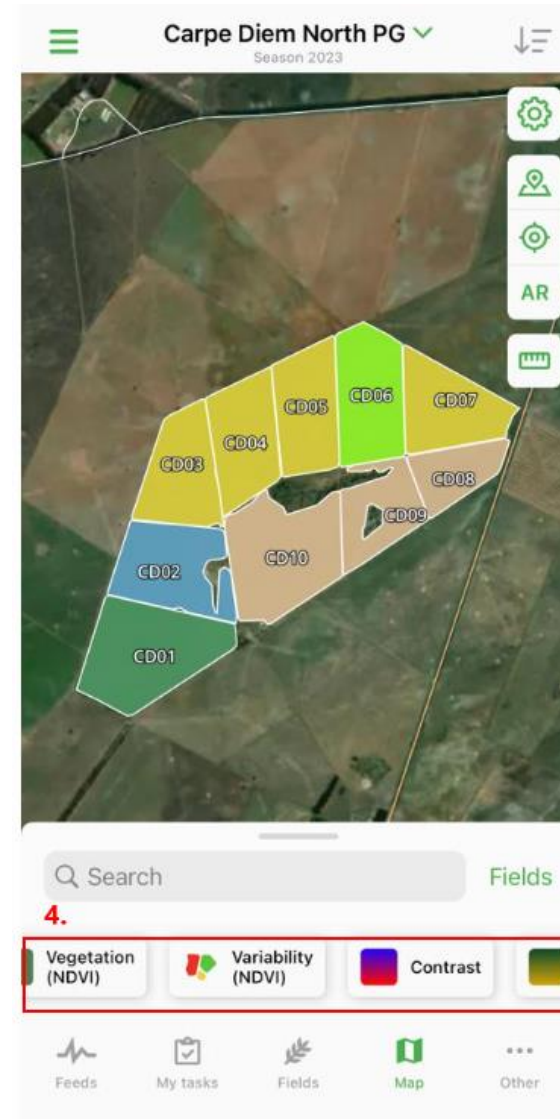
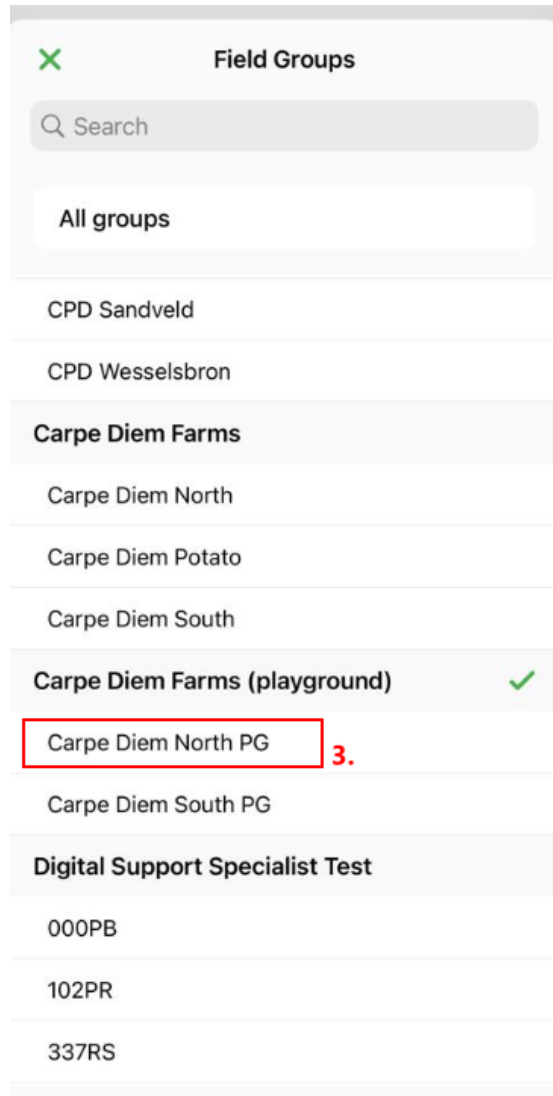


# Navigasie – onderste paneel

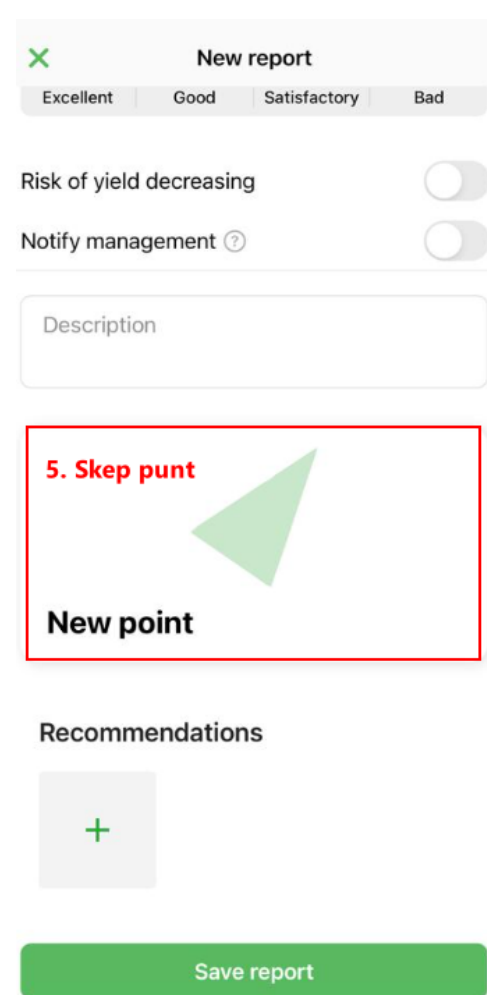
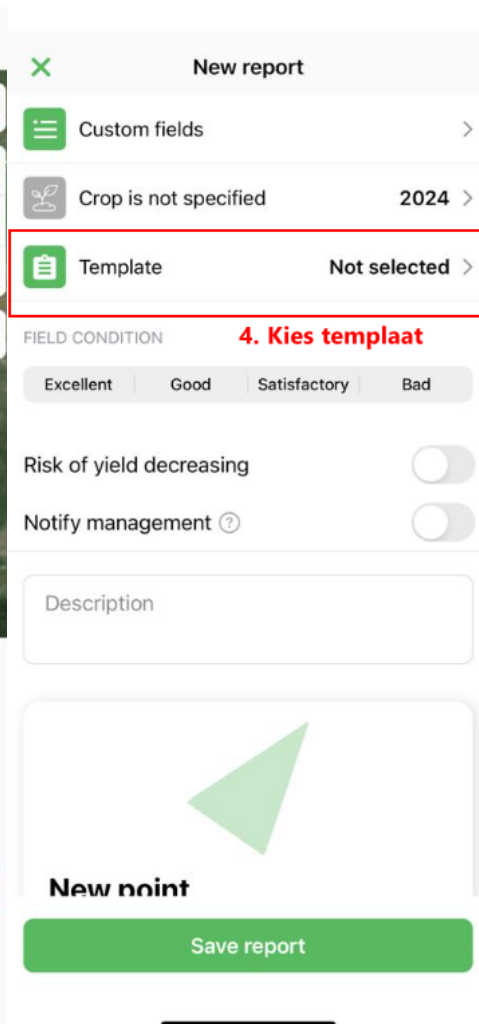
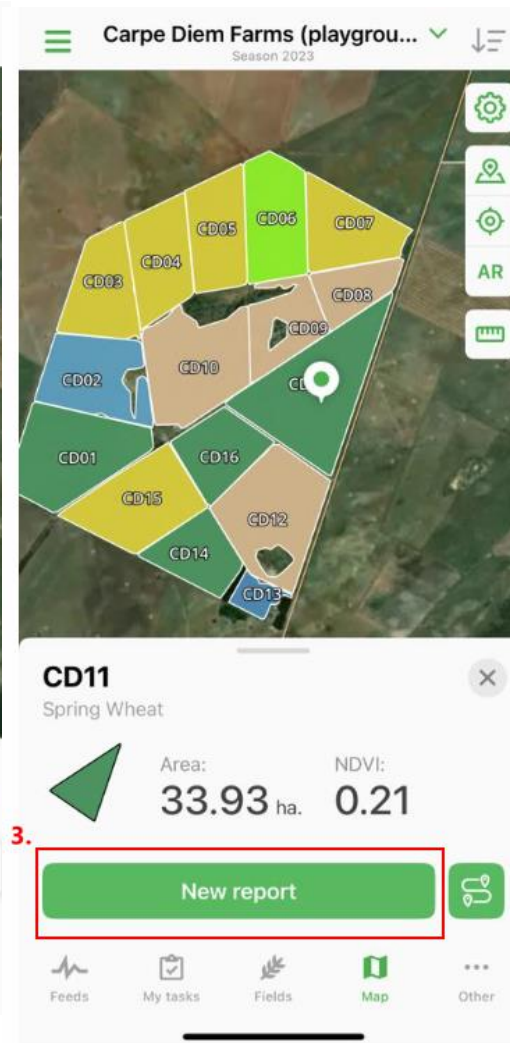
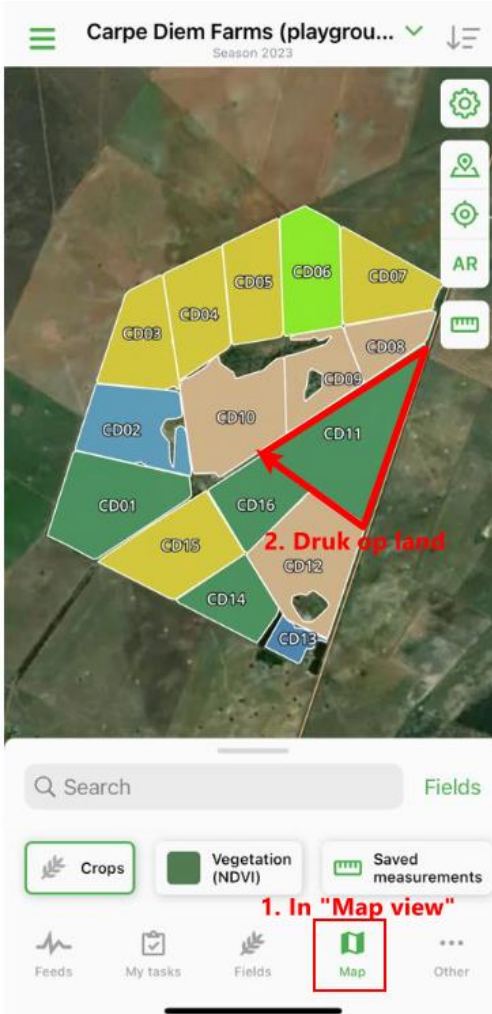




# Satellietbeelde algeheel

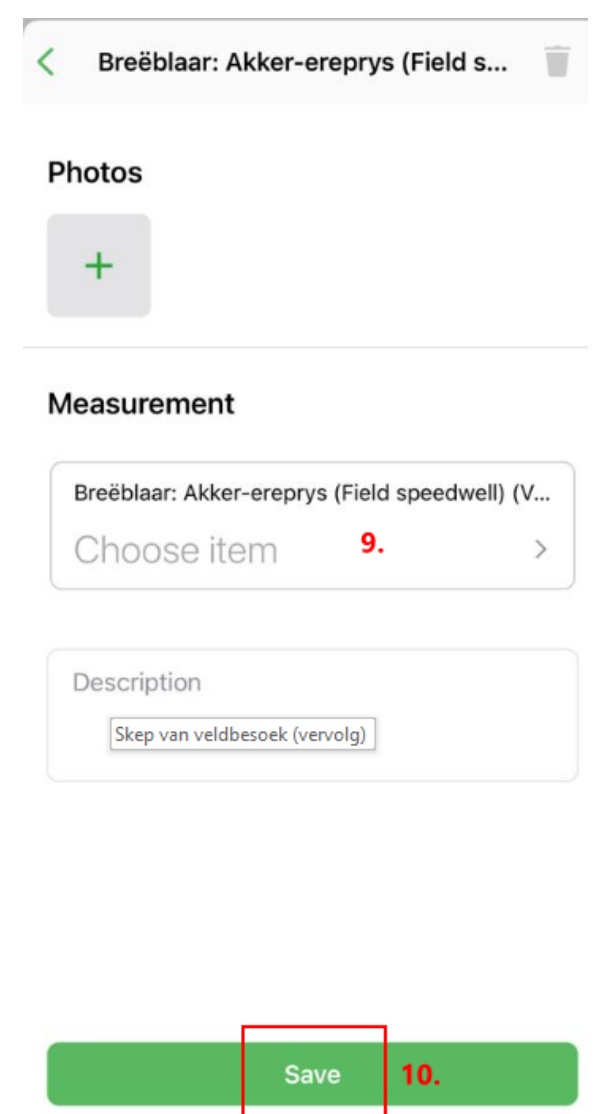
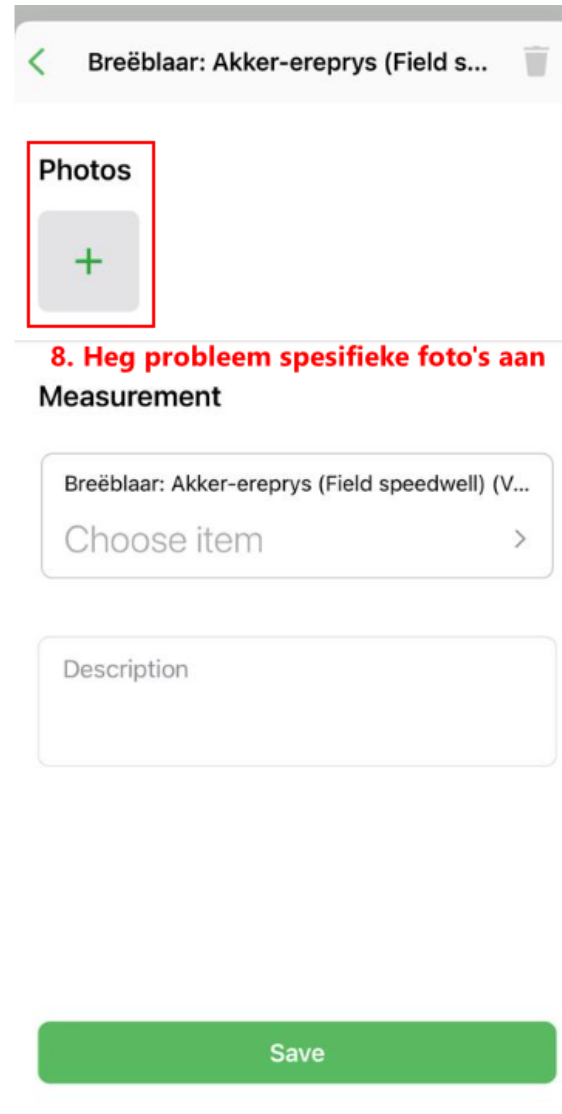
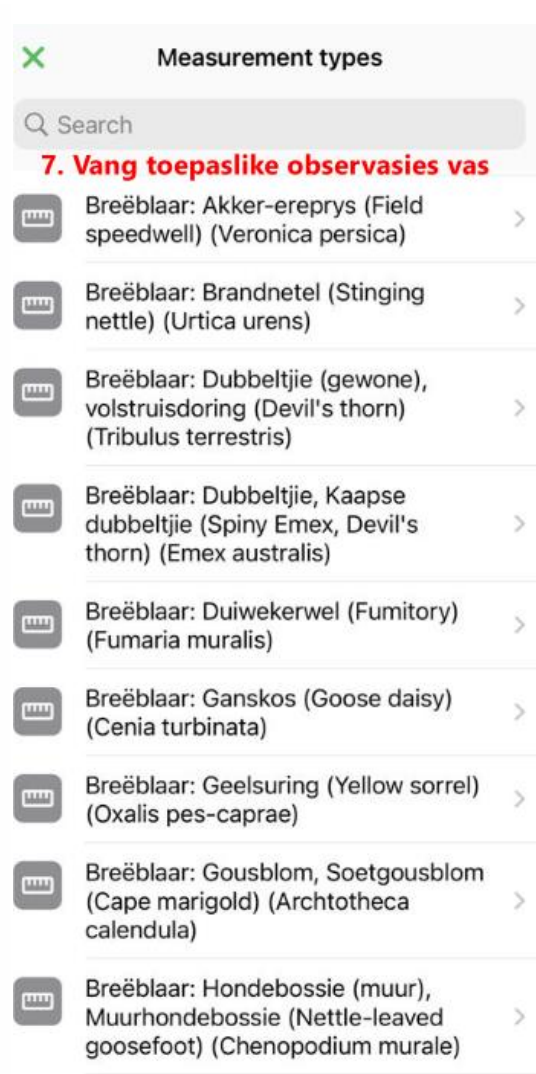
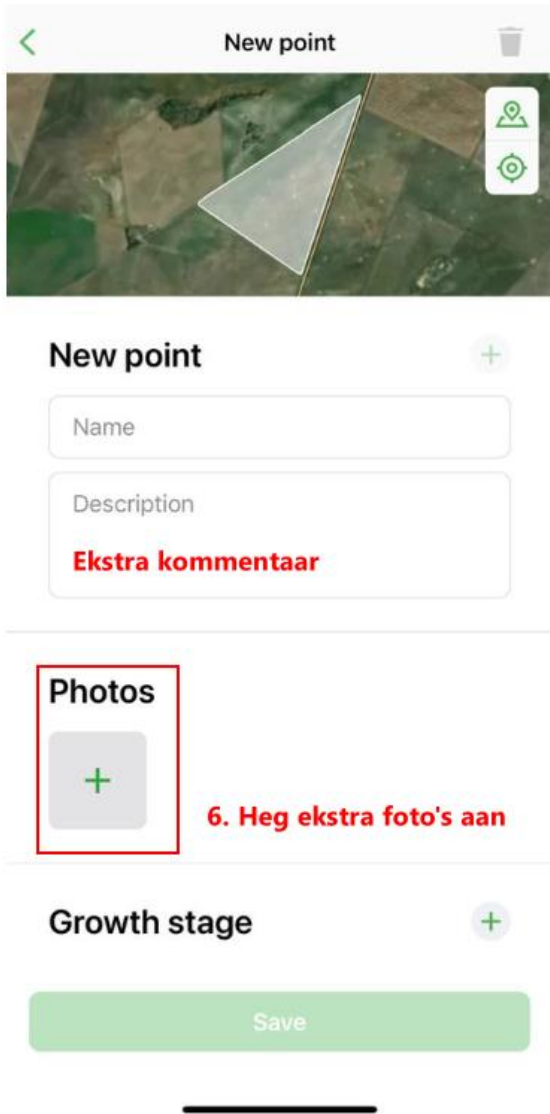


# Skep van veldbesoek (observasie)



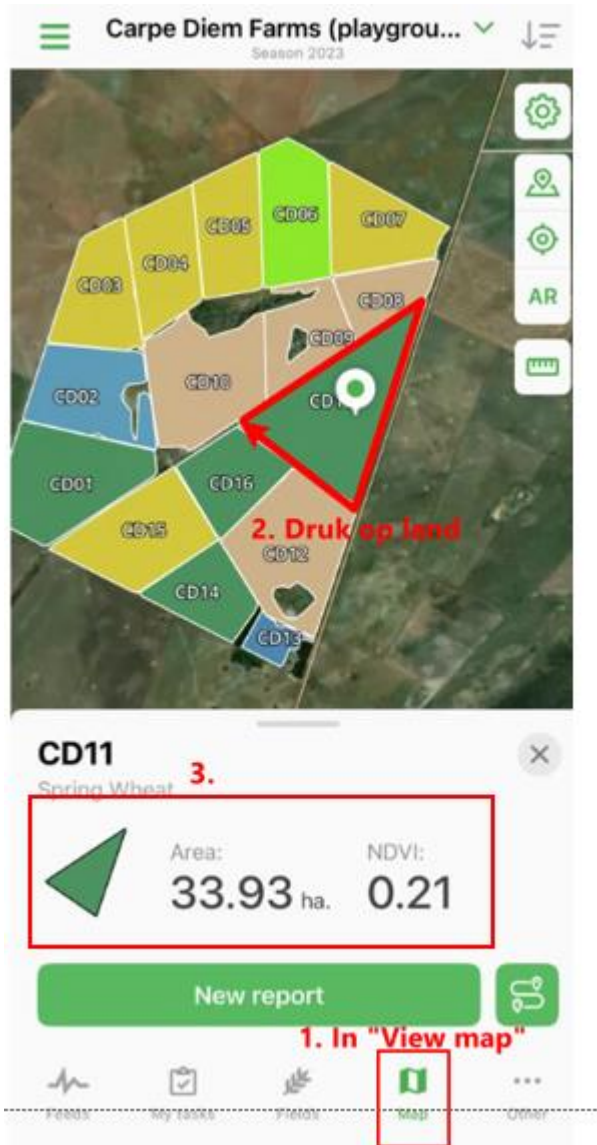
Vir enige pasmaak template kan die Cropwise span gekontak word

# Skep van veldbesoek (vervolg)





# Land inligting

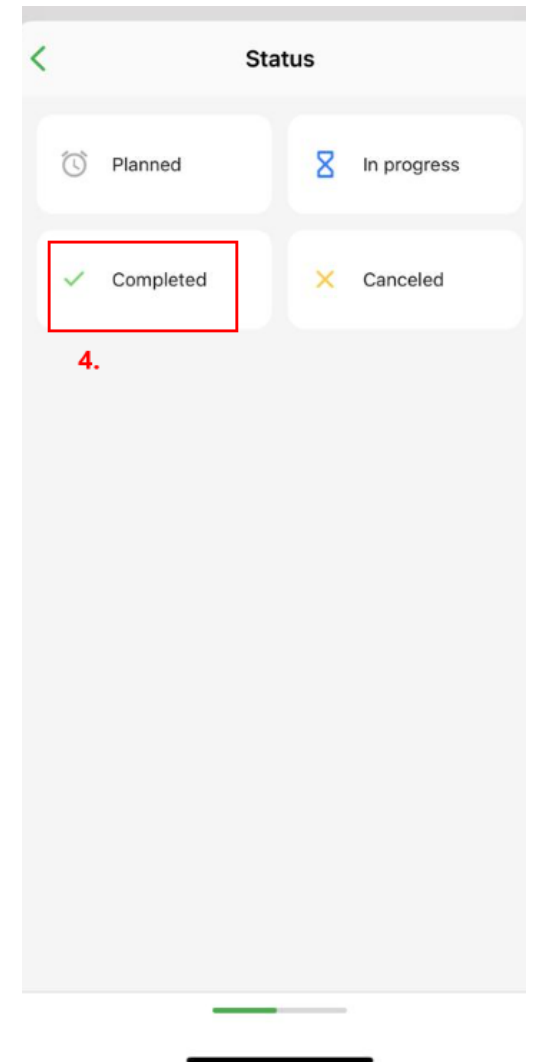
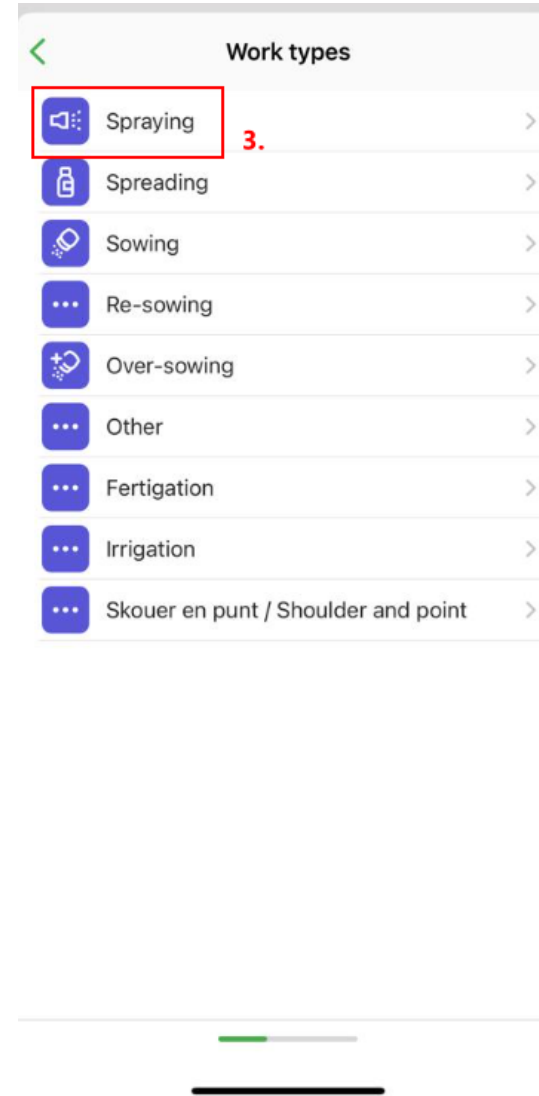
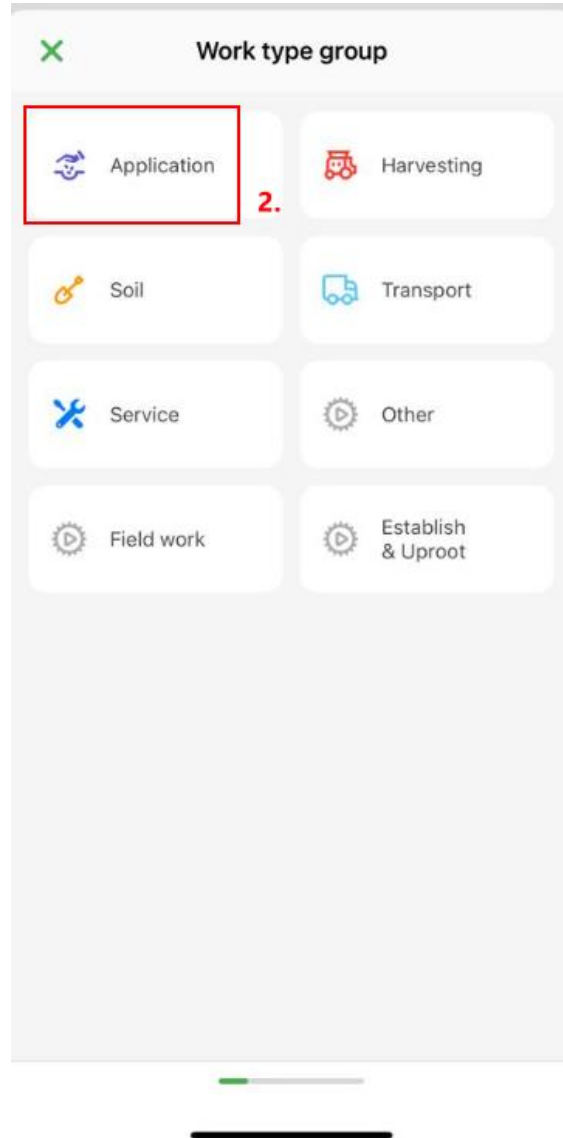


OF





# Rekord van toediening



# Rekord van toediening (vervolg)

Agro operations plan

Completed area\*  
33.93 ha  
Must be less or equal to 33.93 ha

Season  
2024

Start time  
12:00 AM, January 2

Completed time  
11:40 AM, January 3

5. Next

Adds

No records of application

6. Add

Next

Add

Type **7. Tipe**

- CP product
- Fertilizer
- Seeds

8. Naam

CP product

Adjuvant

- ABSORPT (L9550) (Nutrico)
- ACIDIFIX (L8332) (Nutrico)
- ALL ROUND (L8293) (Nutrico)
- ALLBUFF (L6154) (UPL)
- AMS-GRANULE (L9610) (Villa)
- AMS-SUPER (L9758) (Villa)
- APHIDEW (L9187) (Nutrico)
- AQUA CORRECT (L9547) (Nutrico)
- AQUABUFF (L5451) (Villa)
- AQUABUFF PLUS (L9210) (Villa)
- AQUATIC BUF (L8836) (Nutrico)
- AQUATIC GLIFO (L9052) (Nutrico)
- AQUATIC GLIFOFUL (L8837) (Nutrico)
- AQUATIC PH (L8839) (Nutrico)

Save

Nuwe produkte wat bygevoeg word, moet op die web toepassing gedoen word

# Rekord van toediening (vervolg)


**Add**

Type 9.


CP product

Fertilizer


Seeds

 CP product


CLASS ACT NG (L10477)... >

 Planned rate

2 l/ha

 Planned amount

67.8621 l

 Fact rate

2 l/ha

**Save**

**Adds**

CP product: 10.

CLASS ACT NG (L10477) (Villa)

Planned rate:	Planned amount:
2 l/ha	67.8621 l
Fact rate:	Fact amount:
2 l/ha	67.8621 l

**Next**

Pasmaak items kan bygevoeg word deur die Cropwise span te kontak

**Additional info**

Operation number

Operation name

Additional info

Description

11. Vul nodige inligting in

**Custom fields**

A1. Recommended by (crop advisor)

**Finish**

**Agro Operations**

All Planned In progress

Search

 **Spraying Application**  
Jan 02, 2024 — Jan 02, 2024  
Area: 33.9 ha.

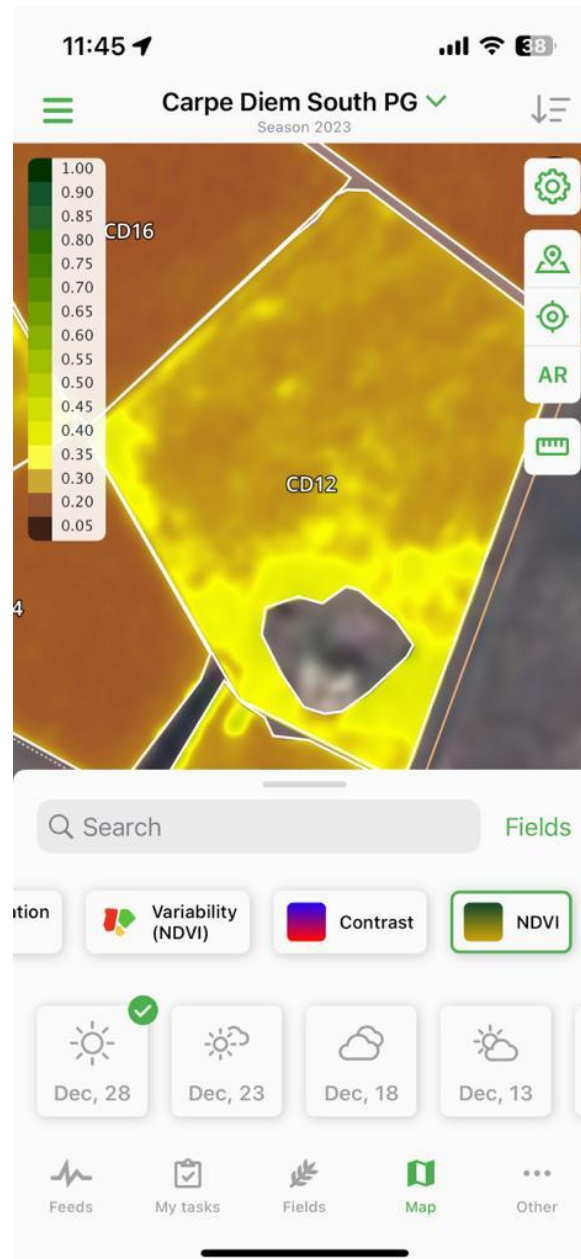
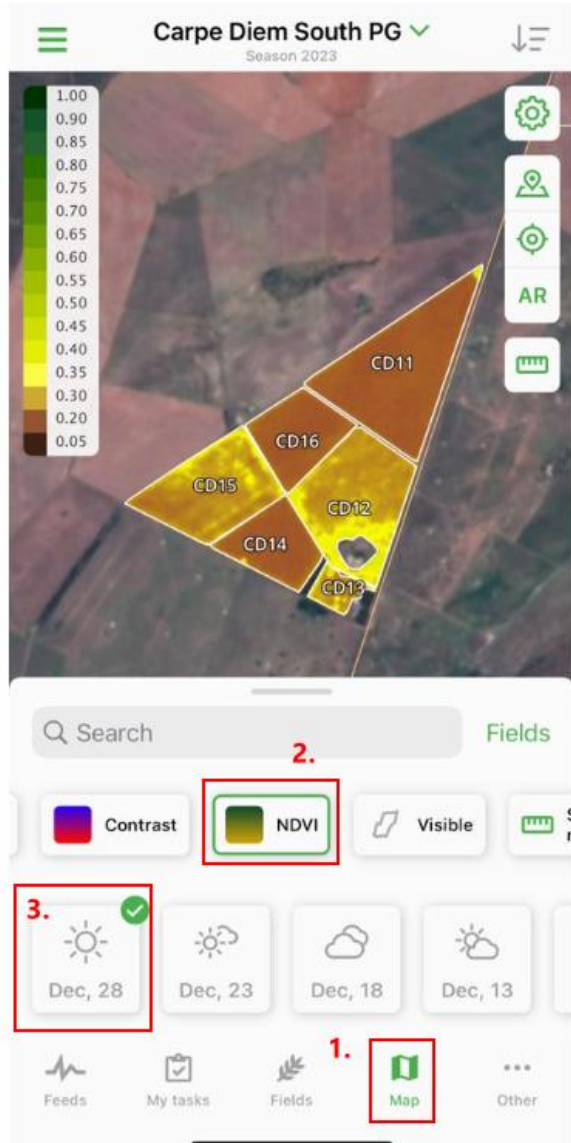
 **Spraying Application**  
Dec 19, 2023 — Dec 19, 2023  
Area: 33.9 ha.

 **Spraying Application**  
Dec 04, 2023 — Dec 04, 2023  
Area: 33.9 ha.

 **Spraying Application**  
Nov 16, 2023 — Nov 16, 2023  
Area: 33.9 ha.



# Satellietbeelde per land





# Voeg 'n land by op App (Apple iOS)



Carpe Diem South PG Season 2023 +

2. Klik (+) om 'n land by te voeg

Search

Tuesday  
January, 02 ☀️ 27°

**Carpe Diem South PG** 115.27 ha  
Carpe Diem Farms (playground)

CD11	Spring Wheat	33.93 ha	0.21   Dec, 28
CD14	Spring Wheat	13.27 ha	0.23   Dec, 28
CD16	Spring Wheat	14.61 ha	0.23   Dec, 28
CD13	Pea	3.92 ha	0.32   Dec, 28
CD15	Canola	23.11 ha	0.23   Dec, 28
CD12	Fallow	26.43 ha	0.24   Dec, 28

1. Fields

Feeds My tasks Fields Map Other

New field

Field group  
Carpe Diem South PG

Name  
Test

Description  
Type a text

3. Tik land en plaas naam in

Next

Field group

4. Tap on the map to create a first point

Create

Field group

5. Area: 23.32 ha

Create



Cropwise  
Operations

## Hoe werk Cropwise Operations?

# Ander functionaliteit



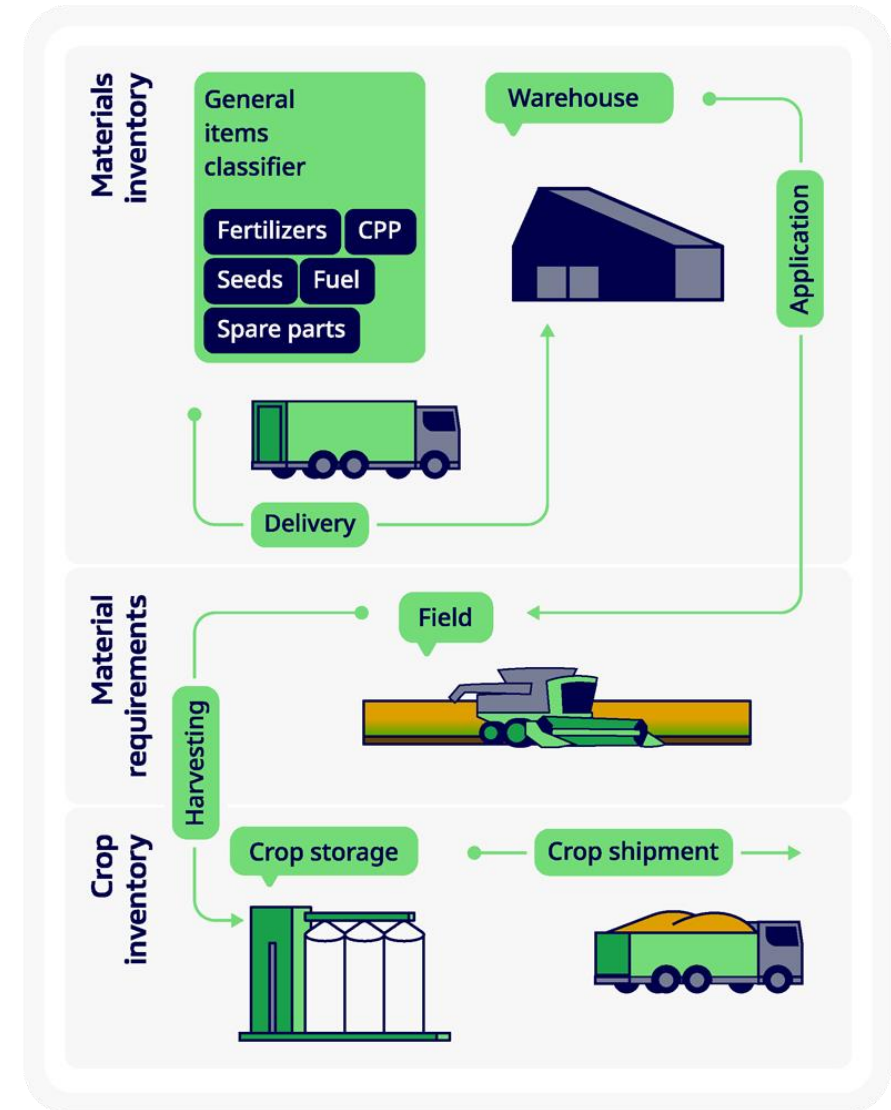
Mobile App for iPhone and iPad

# Voorraadbestuur – WMS (Warehouse and Stock Management)

Hierdie funksie stel produsente in staat om die beweging en vlakke van hul plaas se voorraad gerieflik vanaf 'n sentrale plek te reguleer en te beheer.

- Skep 'n enkele gids van voorraaditems op die plaas.  
(Gewasbeskermingsprodukte, kunsmis, saad, onderdele, brandstof, gewasse, ens)
- Toon aankoop-, hervestigings-, en afskryfbedrywighede aan.  
(sluit die prys per eenheid asook per land in).
- Beplan seisoenale voorraaditems vereistes en monitor werklike voorraad.
- Volg al die materiaal wat aan landboukundiges, bestuurders en ander personeel uitgereik is.

Vir meer inligting, kontak gerus enige van die digitale ondersteuning spesialiste






Cropwise  
Operations

syngenta™  
digital

## Kontak ons digitale dienste spesialiste vir ondersteuning

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