



ENCIRCASM SERVICES



AGRONOMY



WEATHER



CUSTOMIZED



ANALYTICS



SOILS



Year-Round Insights



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Encirca Services

	Encirca® Basic	Encirca® Pro	Encirca® Premium
Data Management	●	●	●
Yield Explorer	●	●	●
Weather Explorer	●	●	●
Product Placement	●	●	●
Satellite Imagery	●	●	●
Satellite Crop Health Index		●	●
Nitrogen Monitoring		●	●
Nitrogen Management & Rx			●
Fertility Management & Rx			●
Advanced Variable Rate Seeding			●

Encirca Basic (web)

Right Product. Right Acre. Right Rate.

← Product Placement - Triple G Farming Partnership / 2017

PLAN SUMMARY VARIABLE RATE SEEDING (VRS) SEND TO CONNEX Grid TOUR

Q Search...

Apply Product	Boundary	Farm	Field	Previous Crop	Total Products	Planned Product	Seed Treatment	Seeding Rate	Acres	Units
^	<input type="checkbox"/>		Pizza Hut	North Pizza Hut	P0801AMXT (AMXT,LL,RR2)	2 Corn	P1023E (WX)	50000	131	81.9
	Delete	Priority	↑	Percent	Planned Product		Seed Treatment	Seeding Rate	Acres	Units
	×	1		%	P1023E (WX)			50000	131	81.9
	×	2		%	P0825RCR (RR2)		Cruiser Extreme 250	20000	131	32.8
∨	<input type="checkbox"/>		Pizza Hut	South Pizza Hut		None	ADD SEED			
∨	<input type="checkbox"/>		Pizza Hut	South Pizza Hut		None	ADD SEED			

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Help Growers Put Field Data to Work

Sync Mobile Memory stick and app



- Transfer data and get prescriptions using mobile phone and memory device.
- Data comes off the monitor for the best calibration

1

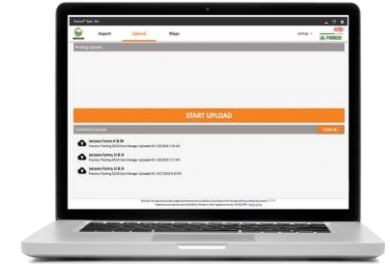
Wireless Data Transfer



- Encirca services works with major equipment manufacturers enabling seamless and wireless data and prescription transfer

2

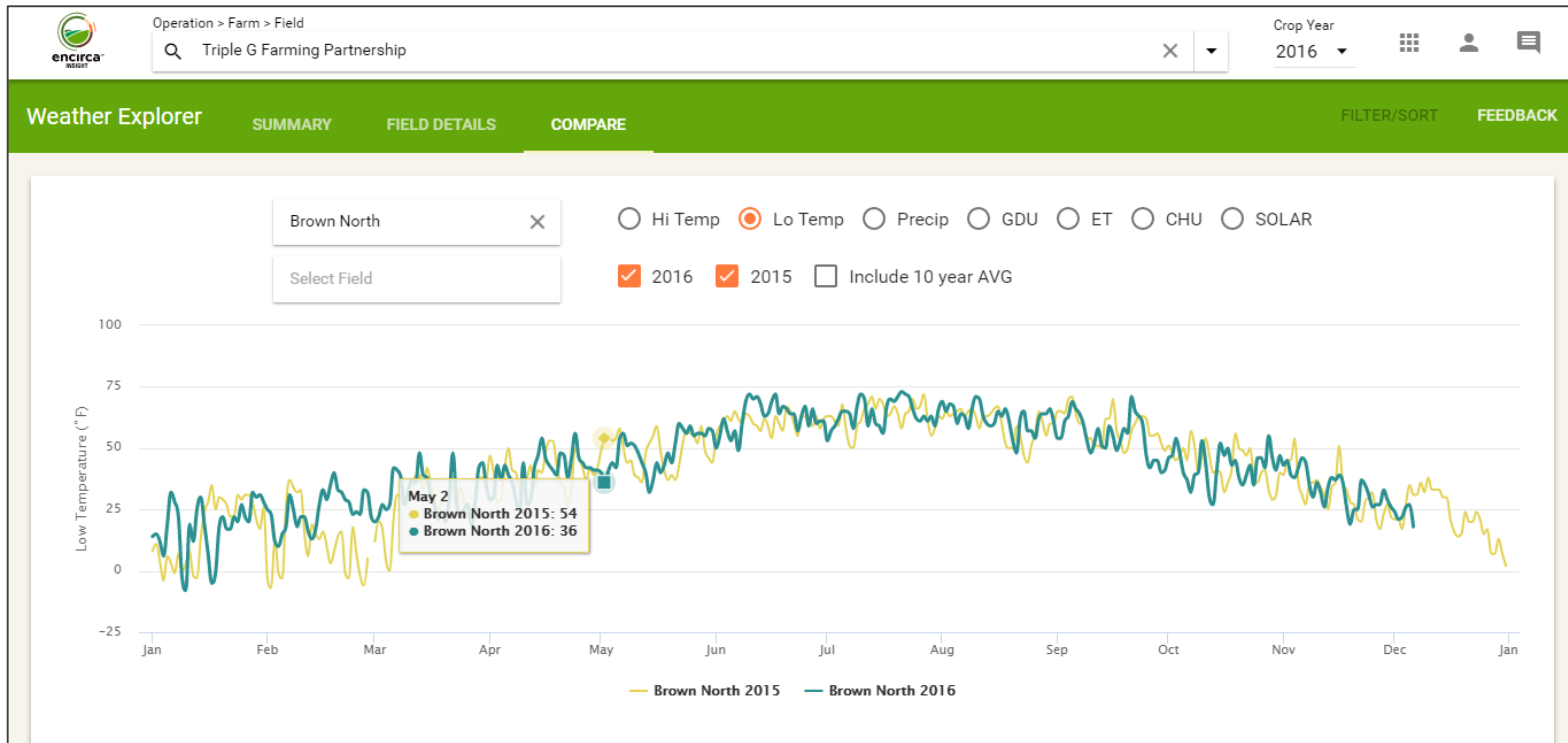
Sync Pro



- Pioneer Seed Professionals or Encirca certified services agents can help upload data from monitor data cards and deliver prescriptions.

3

Weather Explorer



- Compare historical to current weather information
- Examine and compare all of your fields for:

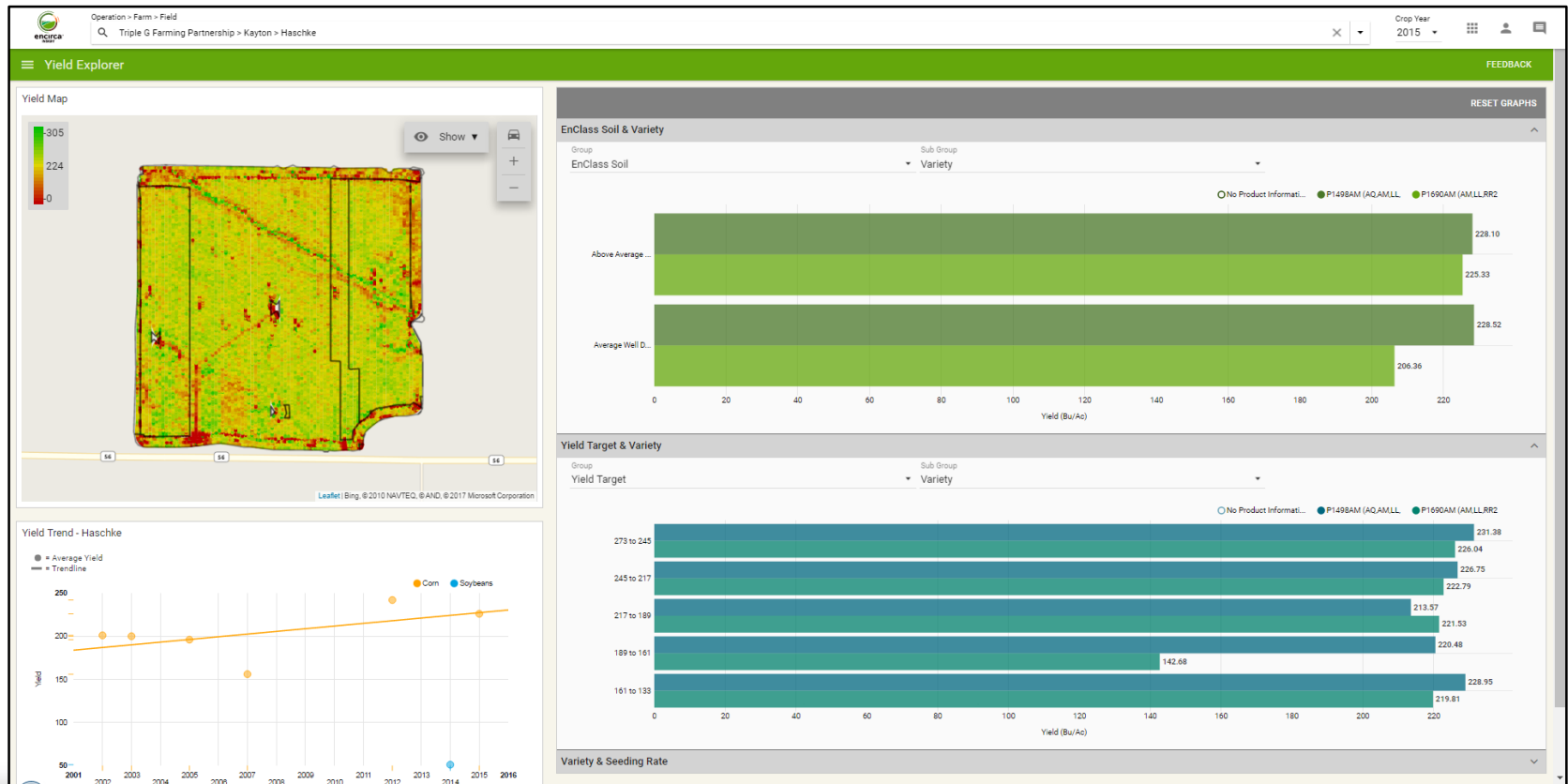
- ✓ Precipitation
- ✓ High & Low Temperature
- ✓ Growing Degree Units
- ✓ Solar Radiation
- ✓ Evaporation Transpiration (ET)

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Yield Explorer

- ✓ Yield analysis by product across Decision Zones
- ✓ Support critical decisions for next year



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Yield Explorer (Op-Level)

Yield Operation Level Chart

CORN

Group
Variety

Sub Group

SHOW ALL	Variety	Acres	Yield
<input checked="" type="checkbox"/>	P0825AMXT (AMXT,LL,RR2)	307.3	
<input checked="" type="checkbox"/>	P1197AMXT (AMXT,LL,RR2)	255.2	
<input checked="" type="checkbox"/>	P0589AMXT (AMXT,LL,RR2)	87.7	
<input checked="" type="checkbox"/>	DKC51-38RIB (SSTX-RIB)	308	
<input checked="" type="checkbox"/>	DKC47-47RIB (SSTX-RIB)	205.9	
<input checked="" type="checkbox"/>	DKC45-65RIB (SSTX-RIB)	266.7	
<input checked="" type="checkbox"/>	DKC58-06RIB (SSTX-RIB)	440.7	
<input checked="" type="checkbox"/>	DKC54-38RIB (SSTX-RIB)	595.8	
<input checked="" type="checkbox"/>	P0157AMX*	270.3	
<input checked="" type="checkbox"/>	P0193AMX (AMX,LL,RR2)	105.7	

Yield Operation Level Chart

CORN

Group
Variety

Sub Group

Soil Type

SHOW ALL	Variety	Soil Type	Acres	Yield
<input checked="" type="checkbox"/>	P1197AMXT (AMXT,LL,RR2)	Le Sueur-Lester complex, 1 to 6 percent slopes	17.8	
		Clarion loam, 2 to 6 percent slopes	26.9	260
		Cordova-Rolfe complex, 0 to 2 percent slopes	54.2	256
		Canisteo clay loam, 0 to 2 percent slopes	11.6	227
		Unknown	25.9	169
		Lester loam, 2 to 6 percent slopes	23.6	257
		Cordova clay loam, 0 to 2 percent slopes	50.1	256
		Canisteo-Glencoe complex, 0 to 2 percent slopes	14.8	245
		Le Sueur loam, 1 to 3 percent slopes	21.4	256
<input checked="" type="checkbox"/>	P0825AMXT (AMXT,LL,RR2)	Le Sueur loam, 1 to 3 percent slopes	71.2	248
		Le Sueur-Lester complex, 1 to 6 percent slopes	12.9	250
		Klossner muck, 0 to 1 percent slopes	11.2	251
		Cordova-Rolfe complex, 0 to 2 percent slopes	14.1	259
		Cordova clay loam, 0 to 2 percent slopes	159.1	258
<input checked="" type="checkbox"/>	DKC58-06RIB (SSTX-RIB)	Cordova clay loam, 0 to 2 percent slopes	14.5	219
		Canisteo clay loam, 0 to 2 percent slopes	34.5	237
		Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	12	244
		Webster clay loam, 0 to 2 percent slopes	90	215
		Clarion loam, 2 to 6 percent slopes	28.9	218
		Canisteo-Glencoe complex, 0 to 2 percent slopes	168.1	211
		Nicollet clay loam, 1 to 3 percent slopes	58.6	206
		Delft clay loam, 0 to 2 percent slopes	14.6	253

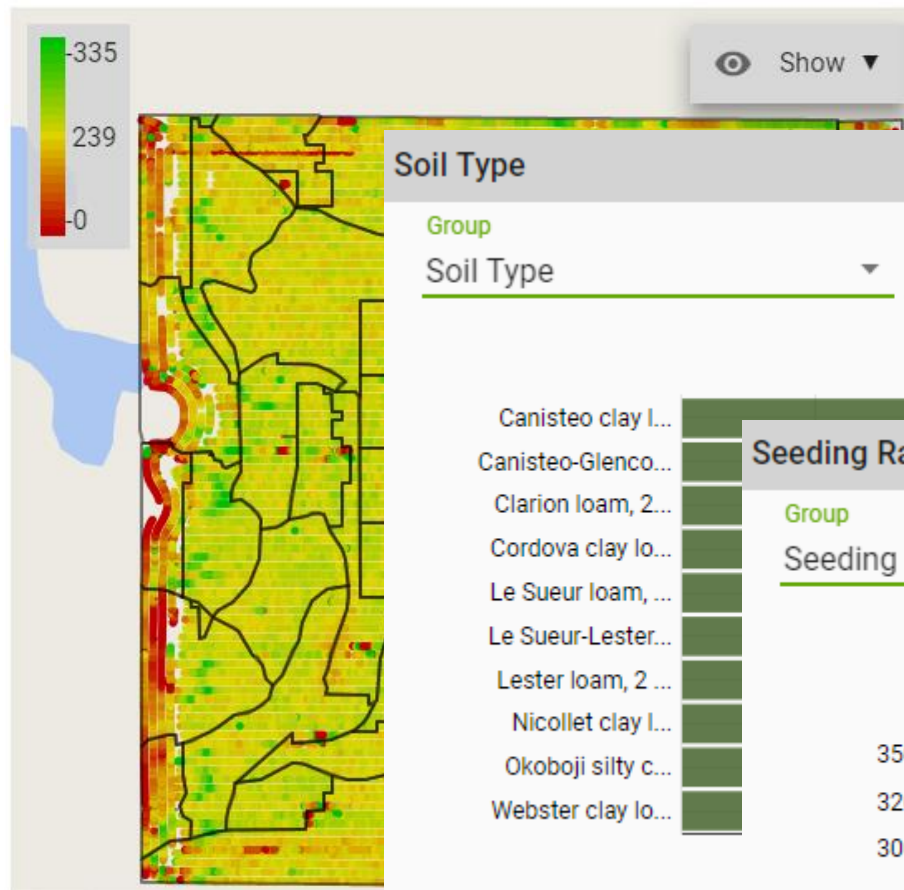
* Variety is unverified

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PIONEER

Yield Explorer (Field Level)

Yield Map



Soil Type

Group

Sub Group

Soil Type

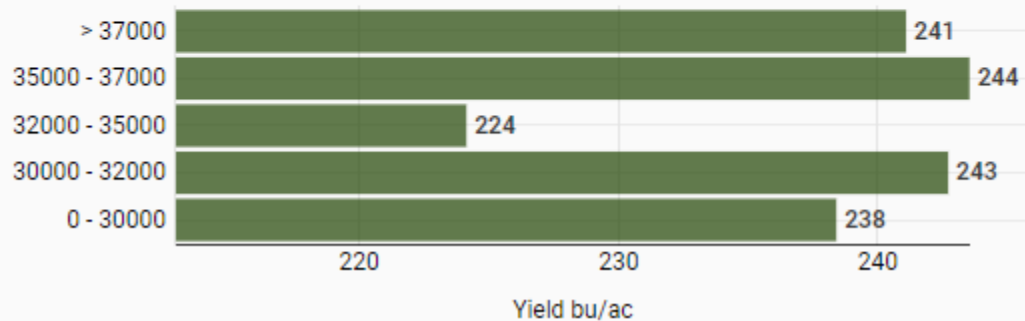
Soil Type	Yield (bu/ac)
Canisteo clay l...	246
Canisteo-Glenco...	
Clarion loam, 2...	
Cordova clay lo...	
Le Sueur loam, ...	
Le Sueur-Lester...	
Lester loam, 2 ...	
Nicollet clay l...	
Okoboji silty c...	
Webster clay lo...	

Seeding Rate

Group

Sub Group

Seeding Rate



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Encirca Pro (app)

Encirca Pro

Product Placement

SOUTH 36

IMAGERY NITROGEN **DETAILS**

Field Name
SOUTH 36

Current Crop
Corn

Measured Acres Yield Target
36.00 235 bu/ac

Tile Drainage ⓘ

Soybean N Residue Credit Yes ⓘ

PLANTING EVENTS

Planting Plan New Plan
Add these for future plantings

Planned Planting Date
05/01/2017

My Fields Settings

Monitor Nitrogen Status

NORTH 36

All Fields NORTH 36

Current Estimated V6 **Estimated VT**

Field Nitrogen Levels

34 ac

■ Full ■ Moderate ■ Low

Est. VT Soil Nitrogen **124 lb/ac**

V6 170.0
117 lbs/ac 146

VT 124.0
83 lbs/ac 104

Current Chance of Success @ Tassel **100%**

Charts Field Details Nitrogen Details Weather

Evaluate Crop Health

IMAGERY NITROGEN DETAILS

Low Health Medium Health High Health
4.63 ac **26.15 ac** **4.13 ac**

Crop Health Index **Crop Health Difference**

Jul 8 Jul 9 Jul 17 **Jul 19** Jul 20 Jul 27

Satellite Imagery

Jul 31 Aug 1 Aug 2 Aug 5 Aug 10 **Sep 3**

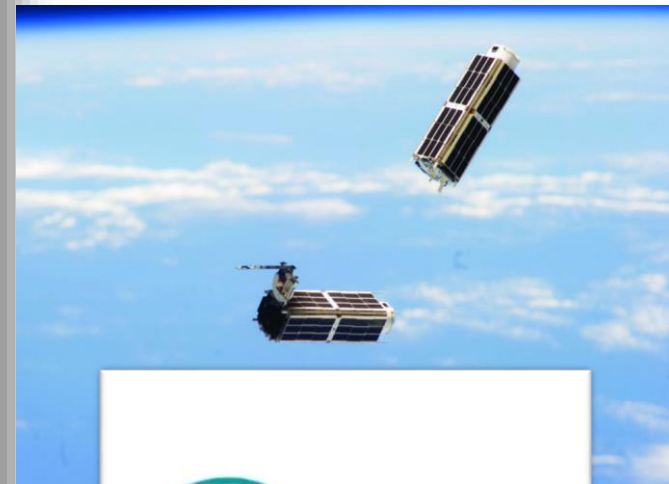
My Fields Settings

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Crop Health Satellite Imagery

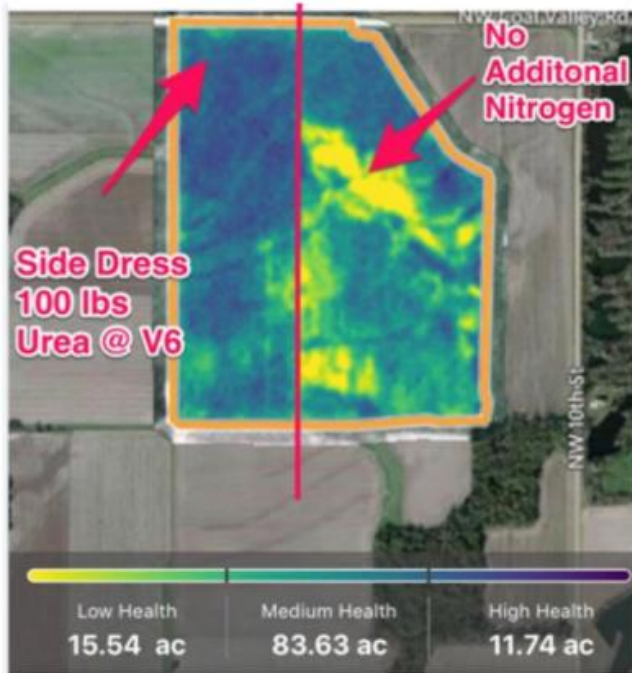
- Crop Health Index
- 4M Resolution
- Multiple Images each week
- Comparative Images



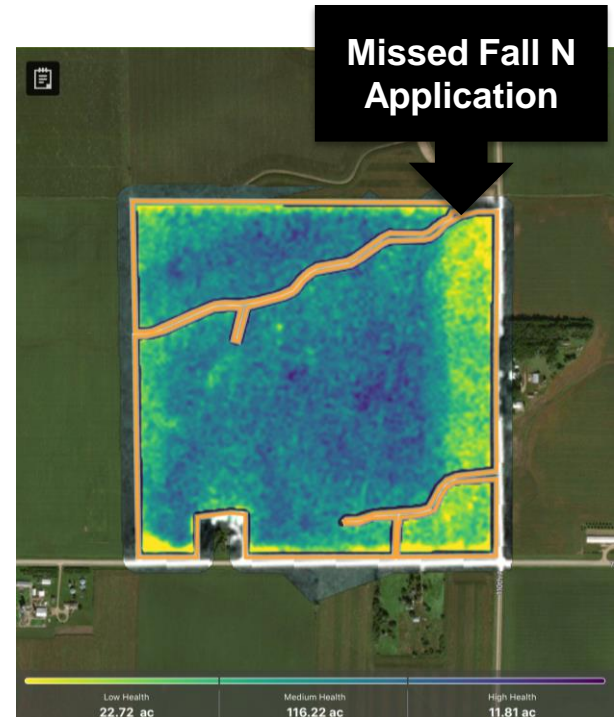
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Putting Crop Health Imagery to Work



Clogged Irrigation Nozzle



Keep an eye on your customer's fields even when you're not in them!



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Soil Type/pH



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Nitrogen Monitoring

Plan

Syncing... ✕

< All Fields South of Peat 30

Simulation Ran: 9/6/17 Update !

Total Nitrogen in Plan 211 lb/ac

Est. Initial Soil N 0 lb/ac

APPLICATION EVENTS +

Jul 7	Product: UAN - 28% Method: Surface Banded Rate: 50 N lbs/ac N Inhibitor: No	→ FLAT
May 7	Product: AMS Method: Broadcast, incorporat... Rate: 9 N lbs/ac N Inhibitor: No	→ FLAT
May 5	Product: UREA Method: Broadcast, incorporat... Rate: 105 N lbs/ac N Inhibitor: No	→ FLAT
Oct 1	Product: Manure Method: Direct Injection Rate: 3000 gal/ac N Inhibitor: No	→ FLAT

Charts Field Details Nitrogen Details Weather

Simulate

Syncing... ✕

< All Fields South of Peat 30

Current Estimated V6 Estimated VT

Field Nitrogen Levels

23 ac

31 acres

8 ac

Full Moderate Low

Est. Current Soil Nitrogen **19 lb/ac**

V6 116 lbs/ac 145 168.0

VT 79 lbs/ac 99 108.0

Current Chance of Success @ Tassel **100%**

Charts Field Details Nitrogen Details Weather

Monitor

Syncing... ✕

All Fields +

Sort ∨

Hohenstein →

Pioneer: P22T73R (R,SCN)
Planted: 05/15

WEATHER	PRECIP	GDU	SOLAR Rad
Since: 05/15	15.90"	2033	2244
+/- 10 Yr. Avg.	-2.11"	-249	-3%

NE Windbreak 25 →

Pioneer: P1151AM (AQ,AM,LL,RR2)
Planted: 05/05 ★ Premium

WEATHER	PRECIP	GDU	SOLAR Rad
Since: 05/05	16.20"	2173	2569
+/- 10 Yr. Avg.	-2.75"	-206	-4%

NITROGEN **CURRENT** **V6** **VT** **0%** Success at VT

South of Peat 30 →

Pioneer: P0157AMX (AQ,AMX,LL,RR2)
Planted: 05/08 ★ Premium

WEATHER	PRECIP	GDU	SOLAR Rad
Since: 05/08	16.20"	2136	2479
+/- 10 Yr. Avg.	-2.82"	-216	-5%

NITROGEN **CURRENT** **V6** **VT** **100%** Success at VT

West of Lane →

Pioneer: P25A12X (RR2X)

All Fields Enrolled Fields Field Groups Nitrogen Plans



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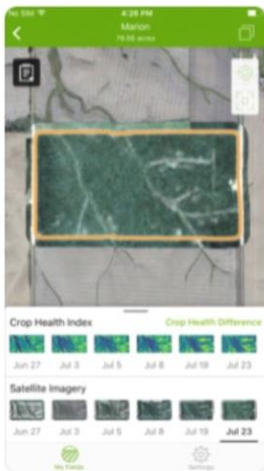
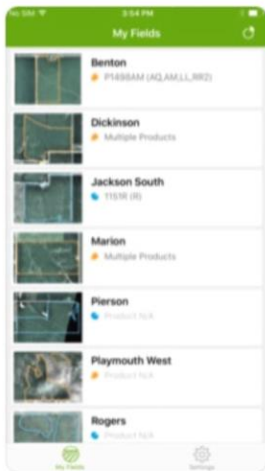
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