Tired of the getting the same results?

Stop looking at things the same way…

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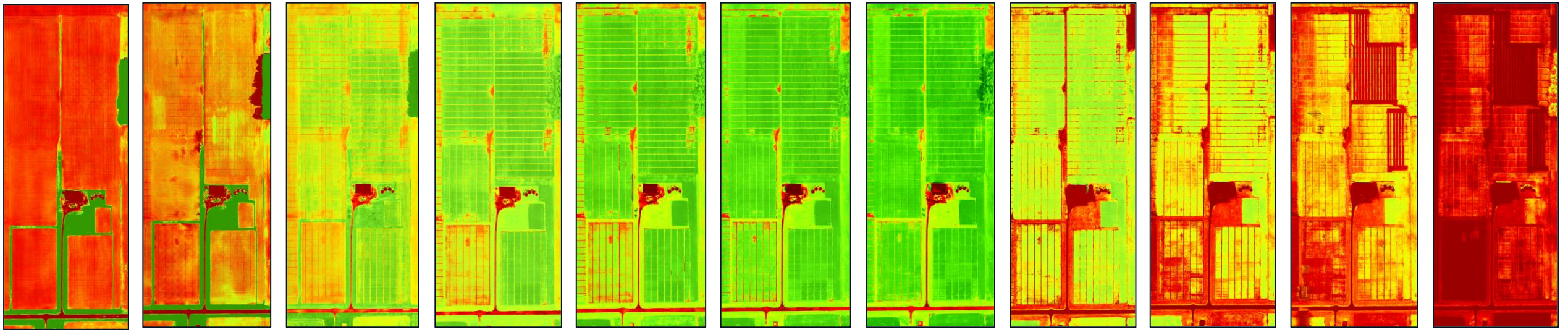
Full Season Imaging: Visualize Crop Dynamics in Every Plot

Capture

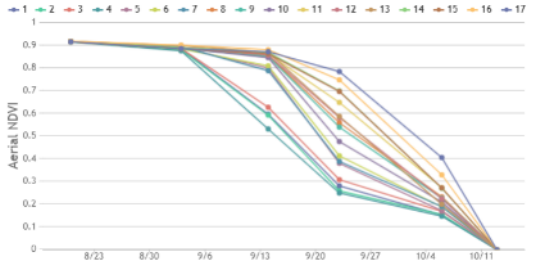
June 14th | June 21st | July 1st | July 9th | July 23rd | August 2nd | August 16th | August 28th | September 10th | September 16th | September 27th

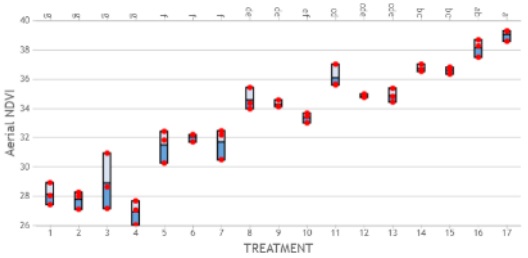


Analyze

0.1406	0.21169	0.25561	0.53383	0.74043	0.81387	0.88039	0.87323	0.89951
0.13946	0.20479	0.222	0.46612	0.5632	0.76218	0.86494	0.87147	0.89303
0.13417	0.18431	0.18164	0.42403	0.66934	0.7943	0.87592	0.87527	0.89403
0.13629	0.19421	0.22444	0.50476	0.75237	0.83795	0.88637	0.88937	0.8957
0.13529	0.18413	0.18011	0.41525	0.66543	0.77612	0.87005	0.87525	0.89285

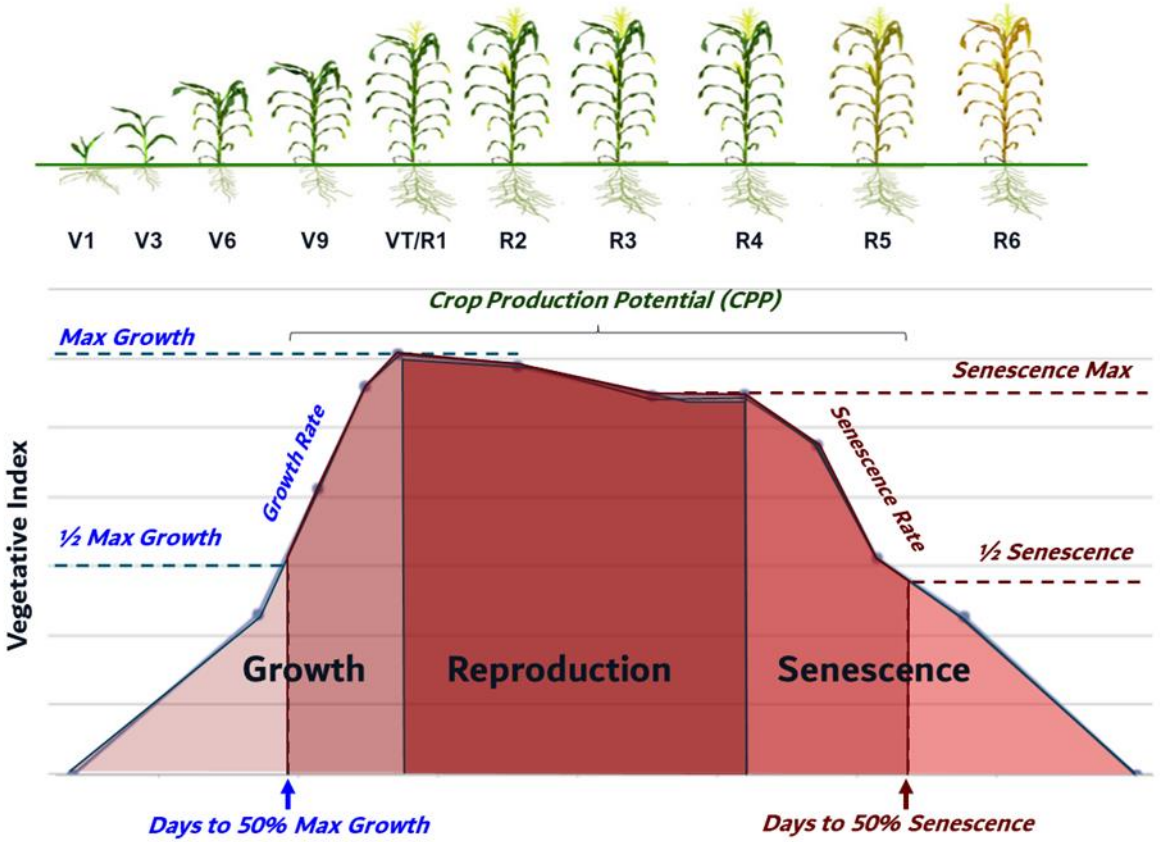
Visualize and Decide

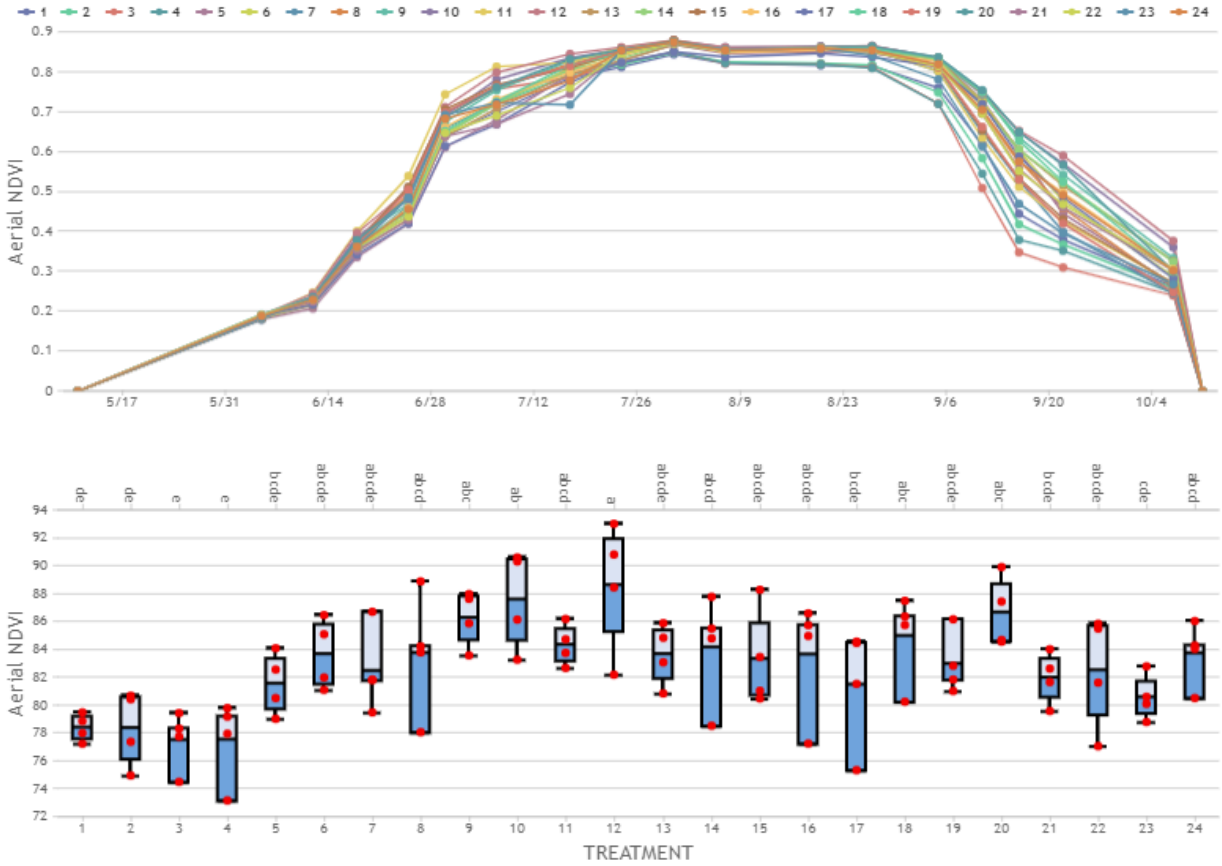




Advanced Crop Analytics

aerial LYTX
quantitative analysis engine





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A complete solution to convert UAV imagery into validated datasets

aerial FLIGHT

dependable data delivery

- Dedicated UAV pilots (aerialPLOT FTEs)
- Standard operating procedures
- State-of-the-art equipment
- Radiometric calibration
- Accurate, timely data collection
- Streamlined data transfer
- Full growing season aerial data

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On Demand Access & Automated Data Processing

aerial PLOT RTK research tool kit

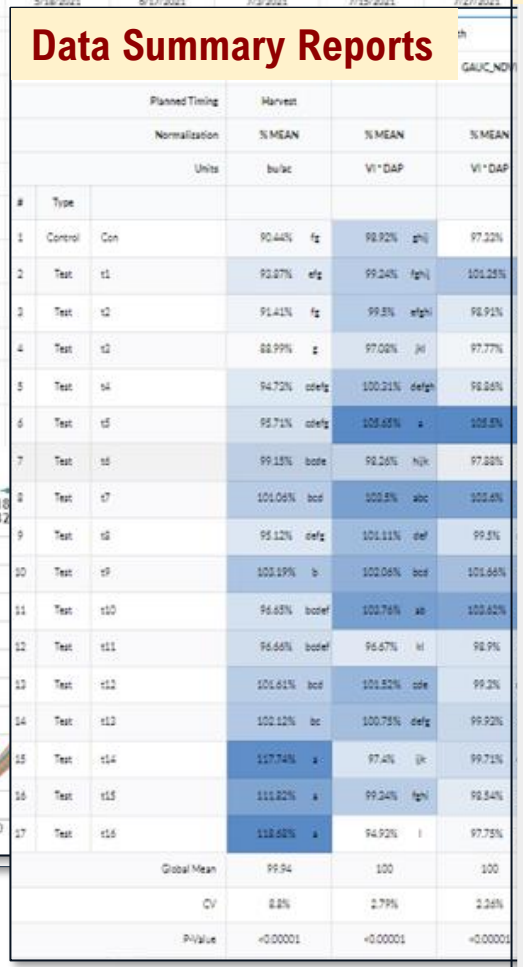
GIS-Based Image Viewer

Full Season Imagery

Plot Heat Maps

Growth Curve Dynamics

Data Summary Reports



Multi-Location Trial Statistics

#	Type	Name	% GSP
1	GSP	Grower Standard Practice (GSP)	100% a
2	Control	75% GSP	99.4% a
3	Test	50% GSP	98.22% b
4	Test	25% GSP	96.58% c
5	Test	GSP + Product X	100.13% a
6	Test	75% GSP + Product X	99.31% a
7	Test	50% GSP + Product X	99.52% a
8	Test	25% GSP + Product X	98.87% ab
		Global Mean	99.01%
		CV	1.16%
		P-Value	<0.00001

#	Site 1 Ohio	Site 2 Ohio	Site 3 Indiana	Site 4 Illinois	Site 5 Iowa	Site 6 South Dakota	Site 7 Nebraska	Site 8 Kansas
1	100% a	100% a	100% -	100% ab	100% -	100% -	100% ab	100% -
2	97.07% ab	98% ab	100.34% -	100.75% a	99.96% -	99.09% -	101.68% ab	98.7% -
3	95.48% b	96.7% b	99.27% -	98.61% c	99.9% -	98.75% -	99.16% ab	97.79% -
4	92.29% c	93.85% c	98% -	98.53% c	98.66% -	97.52% -	98% b	95.71% -
5	98.98% a	98.56% ab	98.65% -	100.9% a	99.39% -	100.67% -	102% a	101.05% -
6	98.92% a	99.41% a	99.66% -	100.75% a	99.09% -	99.41% -	101.52% ab	96.81% -
7	97.31% ab	97.73% ab	100.51% -	100.52% a	99.23% -	99.01% -	100.68% ab	101.61% -
8	96.69% ab	97.95% ab	99.61% -	99.12% bc	98.41% -	98.74% -	100.82% ab	99.5% -
Global Mean	100%	100%	100%	100%	100%	100%	100%	100%
CV	0.96893%	0.71776%	0.49103%	1.03%	0.57784%	0.72972%	1.19%	1.86%
P-Value	0.00002	0.00001	0.72829	0.00056	0.76868	0.35664	0.07604	0.5546