GreenSeeker®RT200

Variable Rate Application and Mapping System







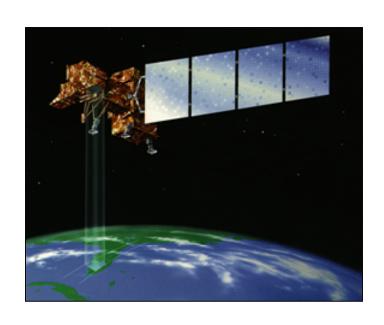
Key Questions

 What's wrong with my current application and mapping program?

What is the GreenSeeker alternative?

Will GreenSeeker improve my operation?

What's wrong with my current application and mapping program?





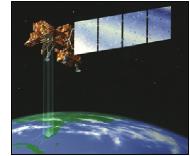
Flat Rate Applications

- Almost always over apply or under apply inputs throughout the field.
- Over Application
 - waste of inputs
 - reduces applicator productivity
- Under Application
 - reduces yield
 - result in unnecessary passes



Reliance on Aerial/Satellite Imagery





- Delayed service from pilots, weather, and order backlogs.
- Poor image quality due to weather and tree lines.
- Each image pass costs more money.
- Delays from ground-truthing, prescription writing,
 & prescription delivery to the field.
- Expense & process shortcomings force farmers to use old images-- resulting in misapplications.

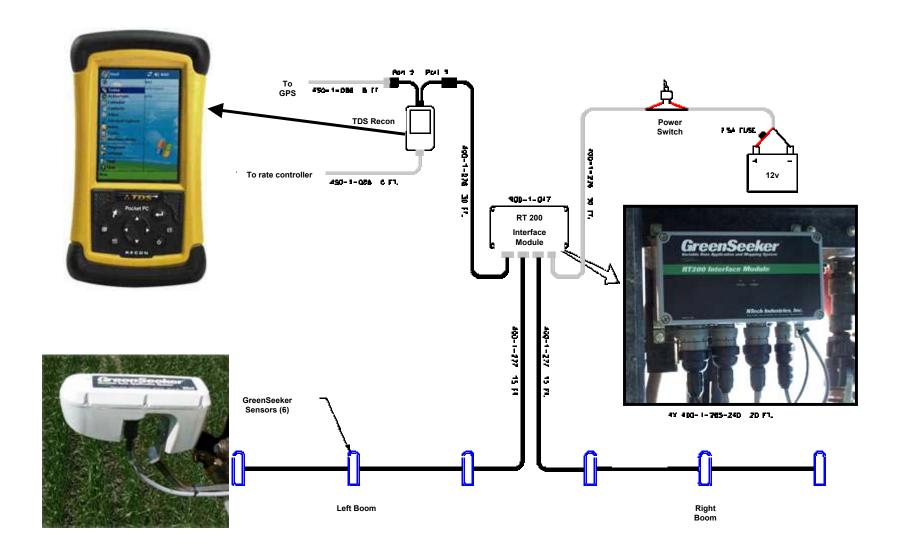
What is the GreenSeeker Alternative?



What is GreenSeeker?

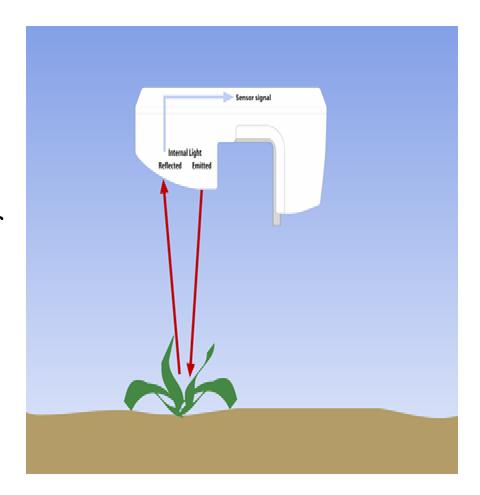
- Variable rate application & mapping equipment designed for use throughout a growing season.
 - Instantly measure & map differences in crop health.
 - Turns existing equipment into variable rate applicators.
 - Variable rate Rx's driven by real time crop conditions.

GreenSeeker RT200 System



GS RT200 System Features

- High quality NDVI-based vigor and application maps.
- Generate images during any field pass.
- Real time VR application of PGR's, Harvest Aides, and Nitrogen.
- Simple custom prescriptions generation.
- Easy to Use.



How Does GreenSeeker Differ?

- Not a Service.
- You own the equipment.
- Produces instant images.
- No imagery collection costs.
- Works day or night, cloudy or sunny.
- Allows for crop consultant input, without delays.

 GreenSeeker*RT200

Variable Rate Application and Mapping System

Plant Growth Regulator Application





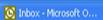




















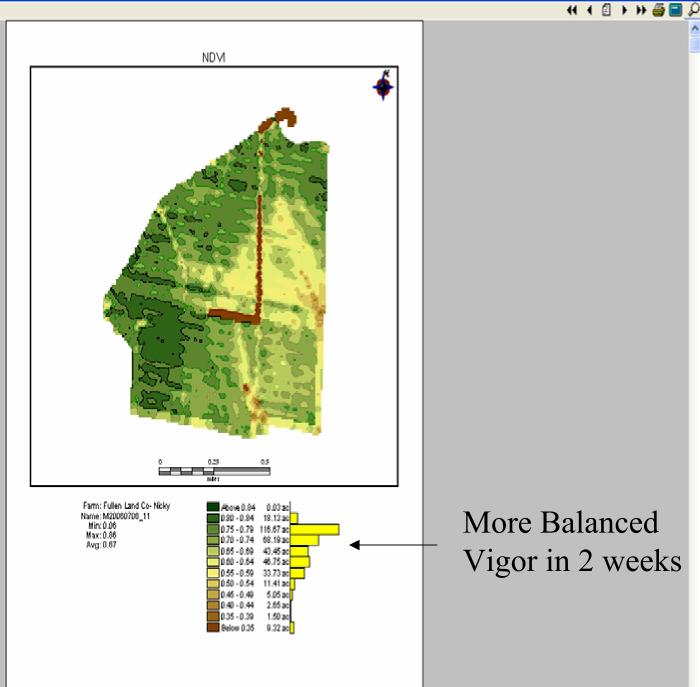


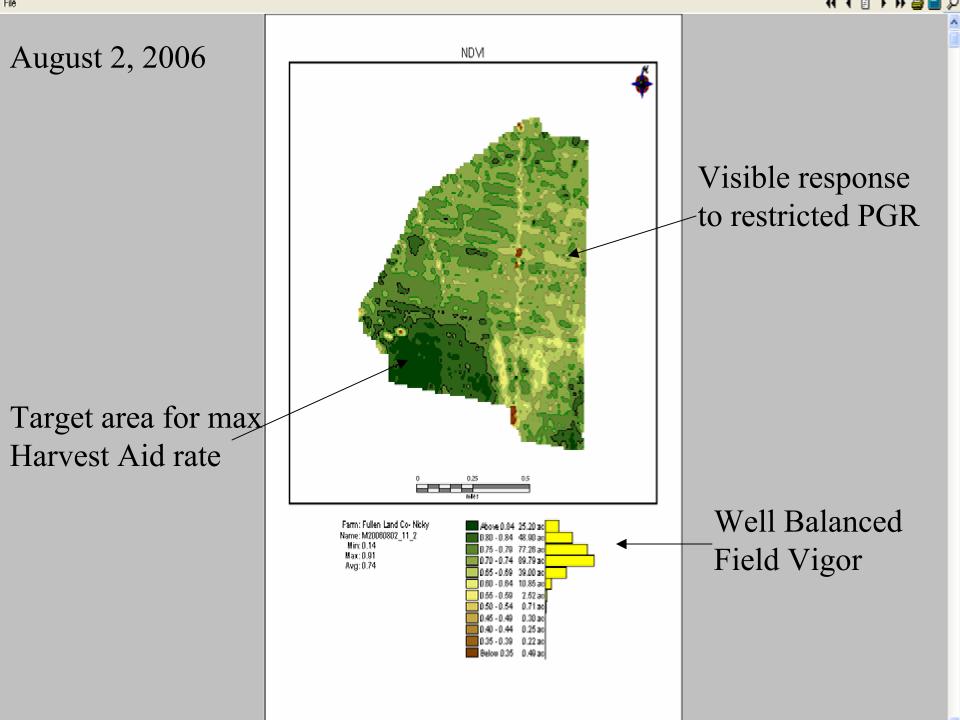






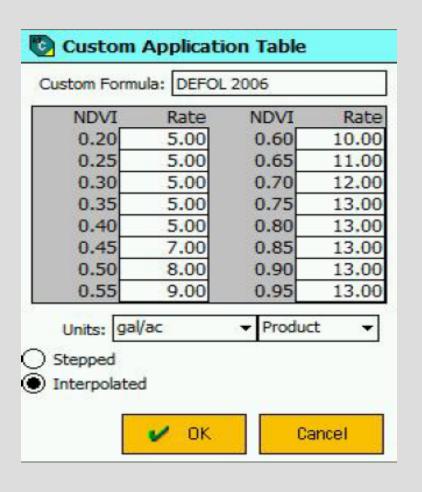
July 6, 2006

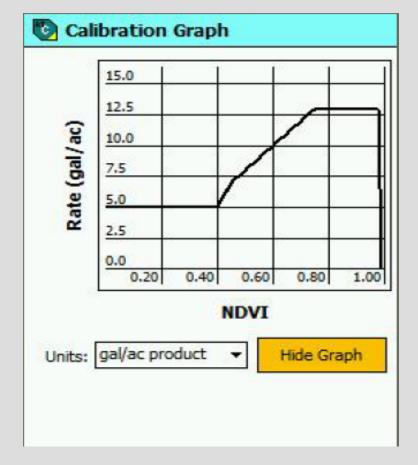






Typical Defoliation Prescription





Will GreenSeeker Improve My Operation?



What The Experts Say...

Dr. Ed Barns, Dir of Research, Cotton Inc.

- "The technology now is getting pretty mature in that we have a good interface between some of the sensors and the controllers."
- "The low-hanging fruit for on-the-go sensors is applications of PGRs and defoliants."
- "Beyond economics, the cotton industry's increasing focus on sustainability is another reason to look at managing nitrogen more effectively."
- "To get at the [nitrogen] issue, studies are taking place in several states including Missouri, Mississippi, Tennessee, Georgia, North Carolina, South Carolina, Arizona, New Mexico, Oklahoma and Texas."

GreenSeeker Payback Opportunities

- Reduced Image Collection Cost
- Reduce Input Costs
- Reduced Passes
- Improved Yields
- More Efficient Harvests



GreenSeeker Payback Calculator

Cotton Acres: 2000

Image Collection Savings

Eliminated #	Image Cost		Annual	
Images/Yr	\$/ac		Cost	
3	\$	2.00	\$	12,000

PGR Savings*

# of	PGR Cost/Pass	Annual	VR	PGR
Passes	\$/ac	Cost	Savings	Savings
0	\$ 2.00	\$ -	40%	\$ -

Harvest Aid Savings*

# of	HA Cost/Pass	Annual	VR	HA
Passes	\$/ac	Cost	Savings	Savings
0	\$ 15.00	\$ -	33%	\$ -

Variable Rate Application and

Mapping Systems

Application Pass Savings

Eliminated Passes	Cost/Pass \$/ac	Application Savings
0	4	\$ -

Total Potential Savings: 12,000

GreenSeeker Cost: 22,500

Payback Years:

^{1.9}

^{*} Clemson University, Beltwide Cotton Conference, 2007; 40% HA Savings, 33% PGR Savings

Conclusion Why Invest in GreenSeeker

- Remove costs & frustrations of image collection.
- Extend capabilities of existing application equipment.
- Versatile tool for use in other crops.
- Reduce cost of production-input savings.
- Reduce unnecessary passes.
- Improve harvest efficiency.
- Make more money!



Thank You for your attention.

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