
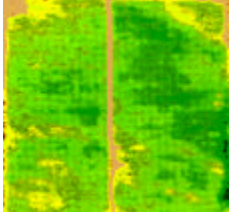
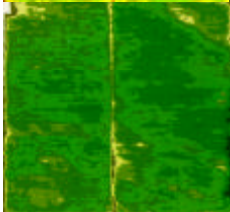
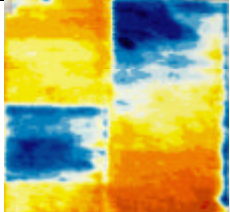
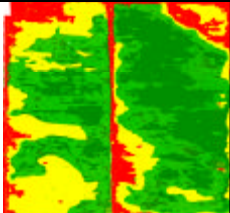



AG-RECON

COTTON APPLICATIONS

1. IDENTIFY VARIABILITY

<p>SOILMAP™ <i>Shows differences in Soil:</i></p> <ul style="list-style-type: none">• Texture, Color, Moisture, Salinity, Organic Matter, Compaction*, Bulk Density*, Perched and High Water Tables* and Soil Depth* (*depends on conditions)• Calculates acres in each soil category <p><i>Use for:</i> Targeted Soil Sampling</p>	
<p>COLORMAP™ <i>Shows enhanced visible color differences in:</i></p> <ul style="list-style-type: none">• Canopy color indicating nutrient deficiencies, changes in growth vigor and leaf margin burning and necrosis <p><i>Use for:</i></p> <ul style="list-style-type: none">• Targeted Plant Tissue Sampling and Pest and Disease Scouting	
<p>GROWTHMAP™ <i>Shows differences in:</i></p> <ul style="list-style-type: none">• Canopy density and vegetative vs. reproductive growth with acres by category <p><i>Use for targeted:</i></p> <ul style="list-style-type: none">• Plant Tissue Sampling, Yield Sampling, Targeted Rank Growth Scouting for Pix Applications, Vigor Scouting for VR defoliation sprays, Economic Analyses	
<p>STRESSMAP™ <i>Shows differences in:</i></p> <ul style="list-style-type: none">• Canopy temperature indicating reduced transpiration and plant stress <p><i>Use for:</i></p> <ul style="list-style-type: none">• Pest and Disease Scouting, Irrigation Audits, Targeted Maturity Scouting for defoliation spray timing, Irrigation Monitoring Location Evaluation	
<p>YIELDMAP™ <i>Shows differences in:</i></p> <ul style="list-style-type: none">• Yield in lbs. per acre by area• Calculates acres in each yield category <p><i>Use for:</i> Profitability Mapping and Economic Impact Assessment</p>	
<p>SAMPLEMAP™ <i>Uses COLORMAP, GROWTHMAP, STRESSMAP or SOILMAP to show :</i></p> <ul style="list-style-type: none">• Representative sampling locations <p><i>Use for targeted:</i></p> <ul style="list-style-type: none">• Soil Sampling, Plant Tissue Sampling, Pest and Disease Scouting, Rank Growth Scouting for Pix Applications, Vigor and Maturity Scouting for defoliation sprays	

AG-RECON

COTTON APPLICATIONS

2. CHARACTERIZE VARIABILITY

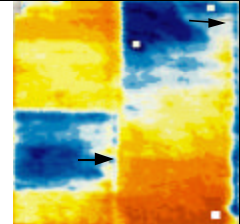
IRRIGATION AUDIT

Shows:

- Correlations of irrigation system water distribution to plant stress

Use for:

- Targeted water delivery, infiltration rate, head rate and tailwater studies; and irrigation scheduling and monitoring location evaluation

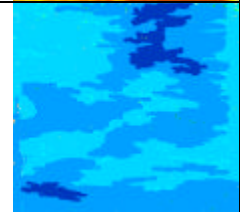


DISTRIBUTIONMAP™

Shows results of targeted plant tissue and soil sample tests:
Continuous distribution for each variable tested, e.g. N, P, K

Use for:

- Limiting Production Factor Identification, Economic Impact Assessment, Variable Rate Fertilizer and Soil Amendments Applications

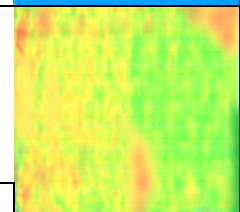


STRESS INDEXMAP™

Shows:

- Vegetative vs. reproductive growth, plant vigor, salt pressure, diseases, etc.

Use for: Rank Growth Scouting for Pix and Vigor Scouting for defoliation sprays



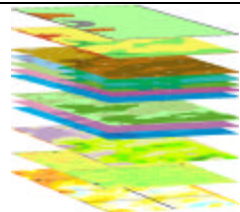
3. DEVELOP MANAGEMENT PLANS

LIMITING PRODUCTION FACTOR IDENTIFICATION

Uses all previously listed information products to:

- Correlate combinations of conditions that have created success
- Identify changes in conditions associated with production problems

Use for: Development of management zones, development of management prescriptions

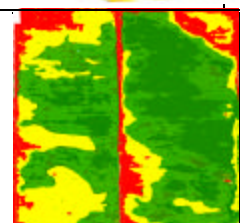


PROFITABILITYMAP™

Shows:

- Net revenue by area
- Calculates acres by profit category

Use for: Economic analyses, optimizing field boundaries for maximum profitability



MANAGEMENT ZONES™

Shows:

- Areas for Targeted Management
- Calculates acres by Management Zone type

Use for: Variable rate or selective Pix and/or Defoliant sprays, economic analyses, etc.

