

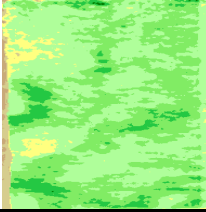
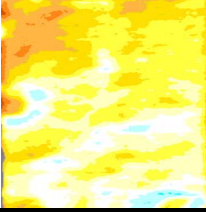
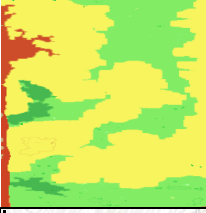
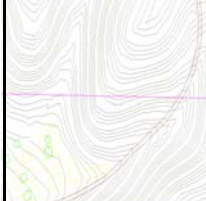


# AG-RECON

## GRAPE APPLICATIONS


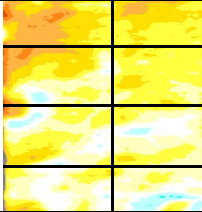
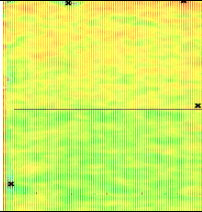
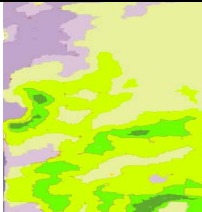
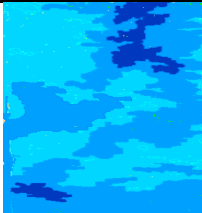
### 1. IDENTIFY VARIABILITY

<p><b>SOILMAP™</b> <i>Shows differences in:</i></p> <ul style="list-style-type: none"><li>• Soil Texture, Moisture/Drainage, Organic Matter and Soil Depth</li><li>• Calculates acres in each soil category</li></ul> <p><i>Use for:</i> Targeted Soil Sampling</p>	
<p><b>COLORMAP™</b> <i>Shows enhanced visible color differences in:</i></p> <ul style="list-style-type: none"><li>• Canopy color indicating nutrient deficiencies, changes in growth vigor and leaf margin burning and necrosis</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Targeted Plant Tissue Sampling and Pest and Disease Scouting</li></ul>	
<p><b>GROWTHMAP™</b> <i>Shows differences in:</i></p> <ul style="list-style-type: none"><li>• Canopy density and vegetative vs. reproductive growth</li><li>• Calculates acres in each vegetation density category</li></ul> <p><i>Use for:</i> Targeted Plant Tissue Sampling, Targeted Yield Sampling, Economic Analyses</p>	
<p><b>STRESSMAP™</b> <i>Shows differences in:</i></p> <ul style="list-style-type: none"><li>• Canopy temperature indicating reduced transpiration and plant stress</li></ul> <p><i>Use for:</i> Targeted Plant Tissue Sampling, Pest and Disease Scouting, Irrigation Audits, Targeted Maturity Scouting, Irrigation Monitoring Location Evaluation</p>	
<p><b>YIELDMAP™</b> <i>Shows differences in:</i></p> <ul style="list-style-type: none"><li>• Yield in tons per acre by area</li><li>• Calculates acres in each yield category</li></ul> <p><i>Use for:</i> Profitability Mapping and Economic Impact Assessment</p>	
<p><b>TERRAINMAP™</b> <i>Includes:</i></p> <ul style="list-style-type: none"><li>• Digital Elevation Models (DEM), Contours (at right), Slopes, Aspects, Cumulative Drainages, and Maximum Operating Slope</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Management Zone Development and Vineyard Development Planning</li></ul>	

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## GRAPE APPLICATIONS

### 2. CHARACTERIZE VARIABILITY

<p><b>SAMPLEMAP™</b> <i>Uses COLORMAP, GROWTHMAP, STRESSMAP or SOILMAP to show :</i></p> <ul style="list-style-type: none"><li>• Representative sampling locations</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Targeted Soil Sampling, Plant Tissue Sampling, Pest and Disease Scouting, Maturity Scouting, documentation of sample locations</li></ul>	
<p><b>IRRIGATION AUDIT</b></p> <p><i>Shows:</i></p> <ul style="list-style-type: none"><li>• Correlations of irrigation system design to plant stress</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Targeted water delivery and pressure readings, irrigation scheduling and monitoring location evaluation, targeted remedial maintenance and system</li></ul>	
<p><b>STRESS INDEXMAP™</b></p> <p><i>Shows:</i></p> <ul style="list-style-type: none"><li>• Areas of disproportional plant stress, combinations of conditions that create production problems and disease patterns (concentric rings, etc.)</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Fruit Load Optimization, Targeted Pest and Disease Scouting</li></ul>	
<p><b>MATURITYMAP™</b> <i>Uses STRESSMAP for targeted Maturity Scouting and shows:</i></p> <ul style="list-style-type: none"><li>• °Brix by area</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Developing Selective Harvest management zones, harvest scheduling and prioritizing, targeted remedial maturity foliar sprays, improved winery</li></ul>	
<p><b>DISTRIBUTIONMAP™</b> <i>Shows results of targeted plant tissue and soil sample tests:</i></p> <ul style="list-style-type: none"><li>• Continuous distribution for each variable tested, e.g. N, P, K</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Limiting Production Factor Identification and Economic Impact Assessment</li></ul>	
<p><b>TARGETED YIELD AND QUALITY ASSESSMENT</b></p> <p><i>Shows :</i></p> <ul style="list-style-type: none"><li>• Representative sample locations to characterize vine and bunch condition and quality assessment of resulting wine</li></ul> <p><i>Use for:</i></p> <ul style="list-style-type: none"><li>• Establishing cause and effect relationships of condition to resulting quality</li></ul>	