Simplot GROWER SOLUTIONS

What is Topography?

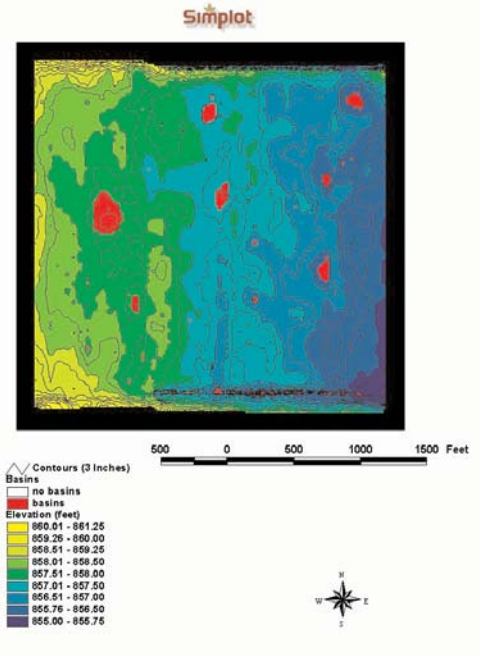
Topography

How does topography affect my field and what can I do about it?

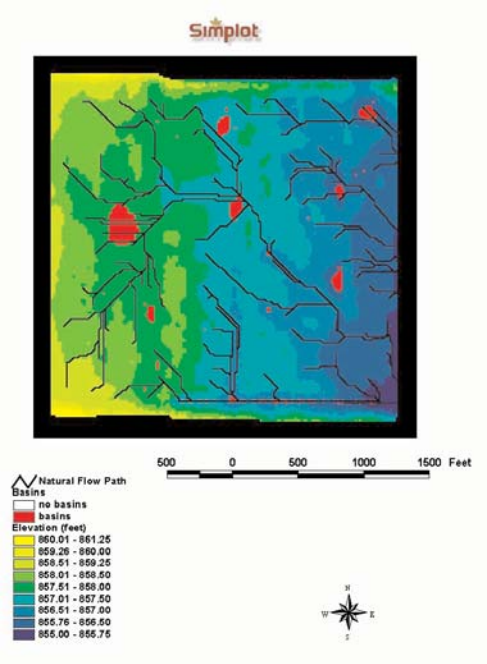
Topography incorporates extremely effective procedures to identify areas of mobile nutrient movement, correctly manage drainage, and to isolate and manage where surface water ponds.

Topography maps are an effective management tool to identify ridges and depressions in the field that could lead to insufficient or excess water availability during the growing season.

Correct placement of drainage ditches and tile is critical for reducing the possibility of water damaging the crop and to reduce erosion.



Topography maps are a practical tool that can improve the management of variable rate inputs as well as strengthen your decision-making ability for many other agronomic practices.



Topography maps can be used for:

- Visually explaining the variability in field ele vation
- Directed soil sampling with more accurate soil boundaries
- Variable rate seeding application maps
- Variable rate nutrient application based on soil productivity
- Drainage remediation planning
- Correct tile placement
- Watershed identification
- Identify areas where water can pond and cause denitrification

The soil's chemical and physical properties such as pH, percent organic matter, water holding capacity, and many others are dependent upon the elevation within the field.

For more information, email agtech@simplot.com or visit: www.simplot.com