AGRO/MSYM/AGEN 431

Introduction to the Course on Site-Specific Crop Management

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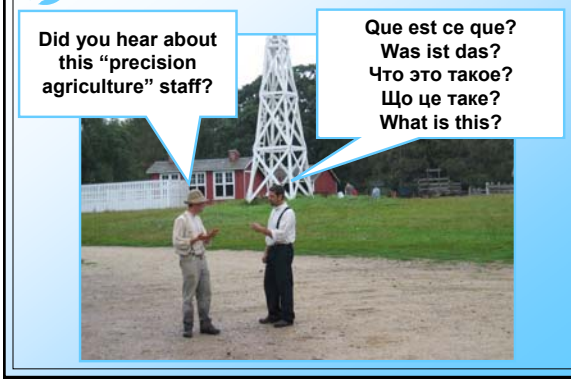
August 26, 2008

What is the Future of Agriculture?

Possibilities are Endless

Be Real



Some FAQ

- (Q) What is precision agriculture (PA)?
- (A) IT-based production management strategy.
- (Q) What are the benefits of PA?
- (A) Profitability, protection of environment, well-being.
- (Q) What is the most helpful tool available through PA?
- (A) Today, auto-guidance and yield mapping.
- (Q) How precise is “precision” agriculture?
- (A) Usually more precise than traditional agriculture.
- (Q) What is the greatest need to further pursue PA?
- (A) Soil/plant sensors and value-added use of info.
- (Q) What is the most important component of PA adoption process?
- (A) Common sense.
- (Q) What is the next step?
- (A) I wish I did not have to answer this question.

Emerging Technologies

- GPS-based auto-guidance
- Wireless data communication
- On-the-go soil sensors
- Crop/weed sensors
- Aerial field images
- Individual spray nozzle control
- Agricultural robots