RealToolbox Farm Management System Software

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RealToolbox

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WWF/WPVGA/UW Collaboration Advisory Committee Meeting November 14, 2002 Madison, WI

Collaborators

<u>UW</u>

- Jeff Wyman
- Walt Stevenson

WPVGA

- Randy Duckworth
- * Mike Carter
- * Growers

RealToolbox

- Chris Van Coops
- Cliff Ohmart

What is this Tool?

- * Custom Software Application
 - User Friendly Interface
 - * Relational Database

* Individual & Group Reporting

Usefulness of this Tool?

Individual Operations

Wisconsin Potato & Vegetable Industry

Uses: Individual Operation

- * Effectiveness & Efficiency
- * Reporting --
 - WPS, Spray Requests, Scouting,
 Field History, etc.
- Healthy Grown Certification Reporting

Uses: Industry

* Effectiveness & Efficiency of Practices in Wisconsin

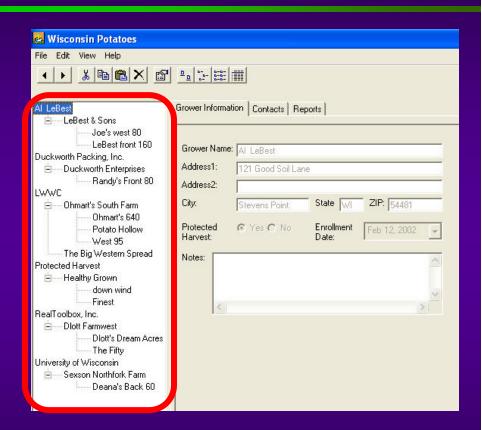
- Benchmarking for Best Practices
- Yearly Trends & Comparisons
- Research Priorities & Analysis

Structure

> Grower

> **Farm(s)**

> Field(s)

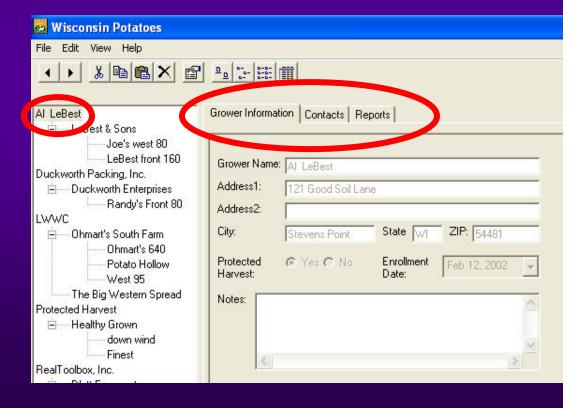


Grower Level Tabs

Grower Information

Contacts

> Reports



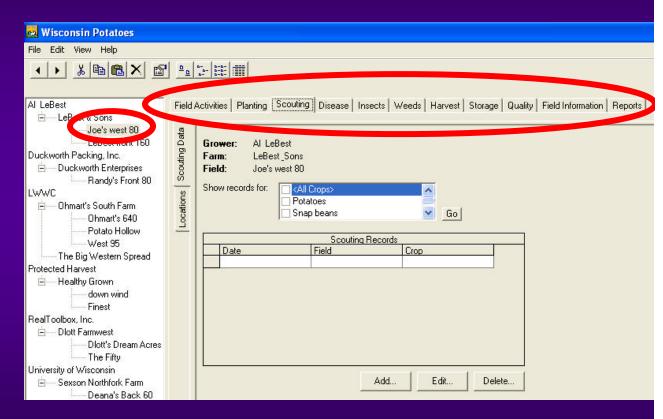
Farm Level Tabs

- Enterprise Budget
- **BioIPM**
- > Equipment
- > Practices
- > Pesticides
- Personnel
- > Farm Information
- > Reports



Field Level Tabs

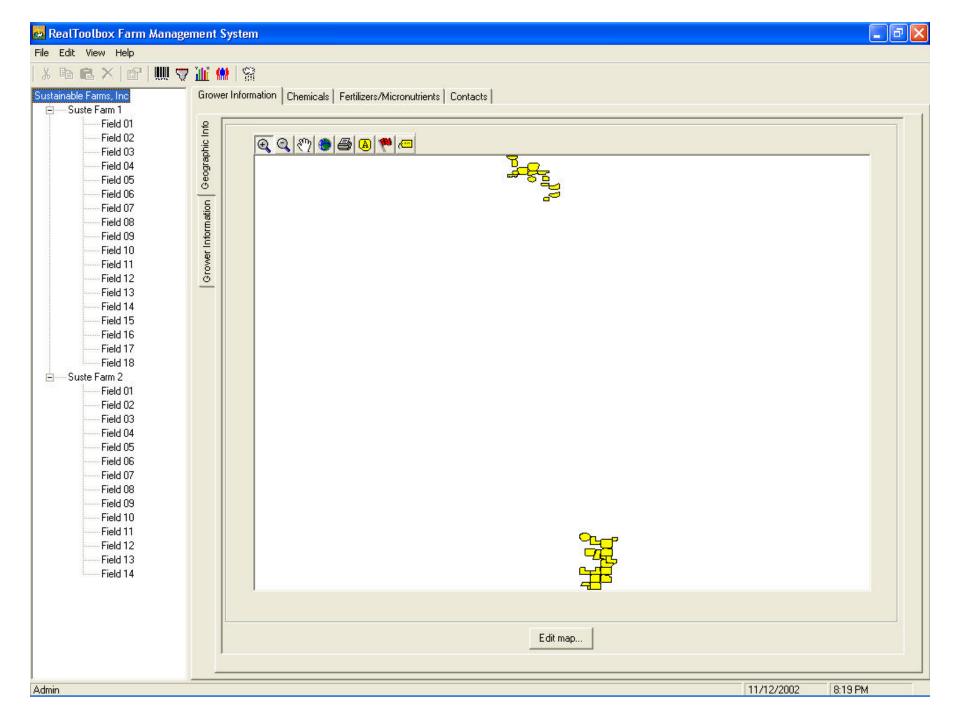
- > Field Activities
- > Planting
- > Scouting
- > Disease
- > Insects
- > Weeds
- > Harvest
- Storage
- Quality
- > Field Information
- > Reports

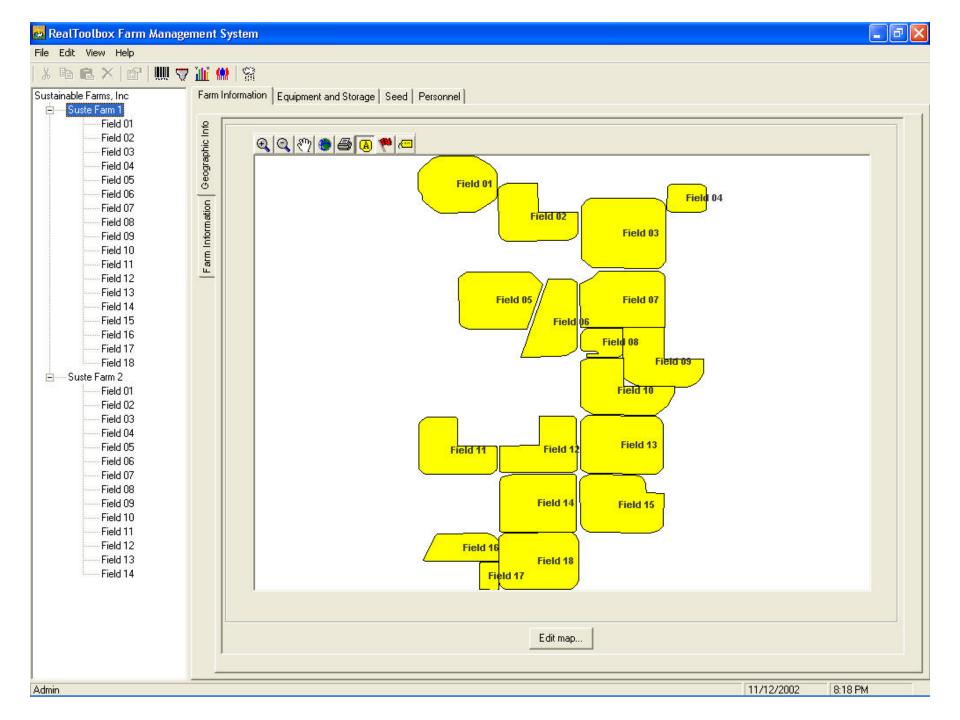


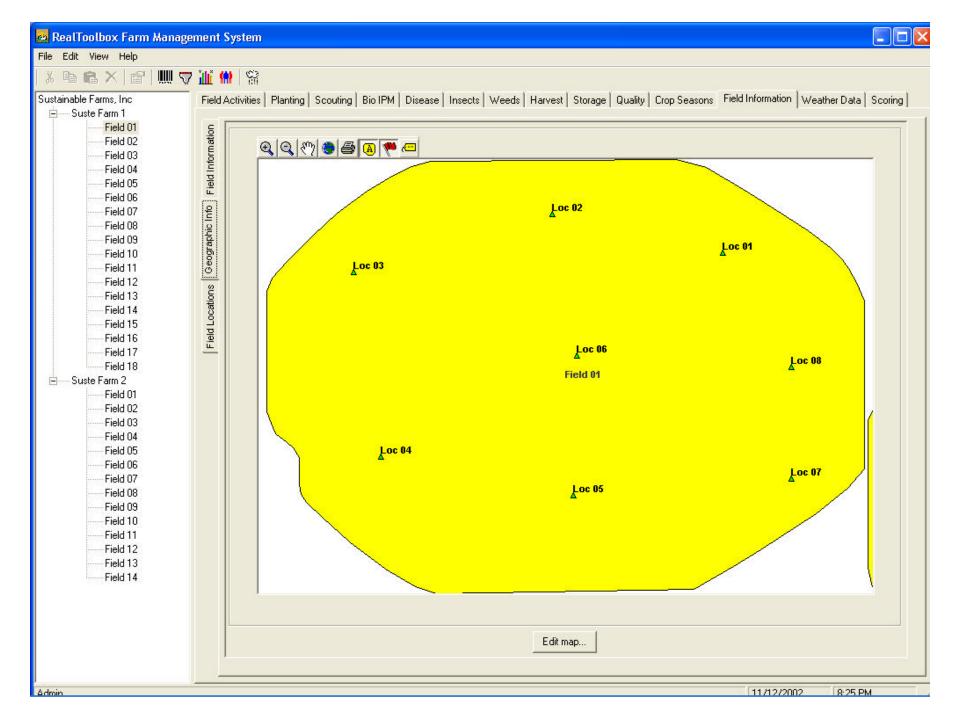
Reporting

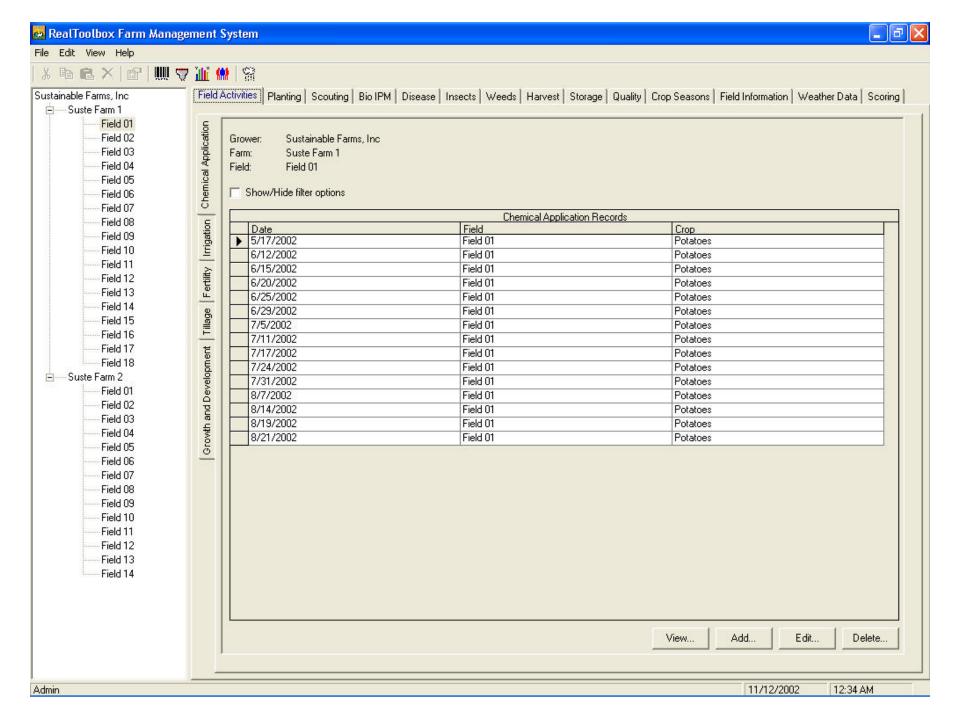
Menu of Reports at Each Level

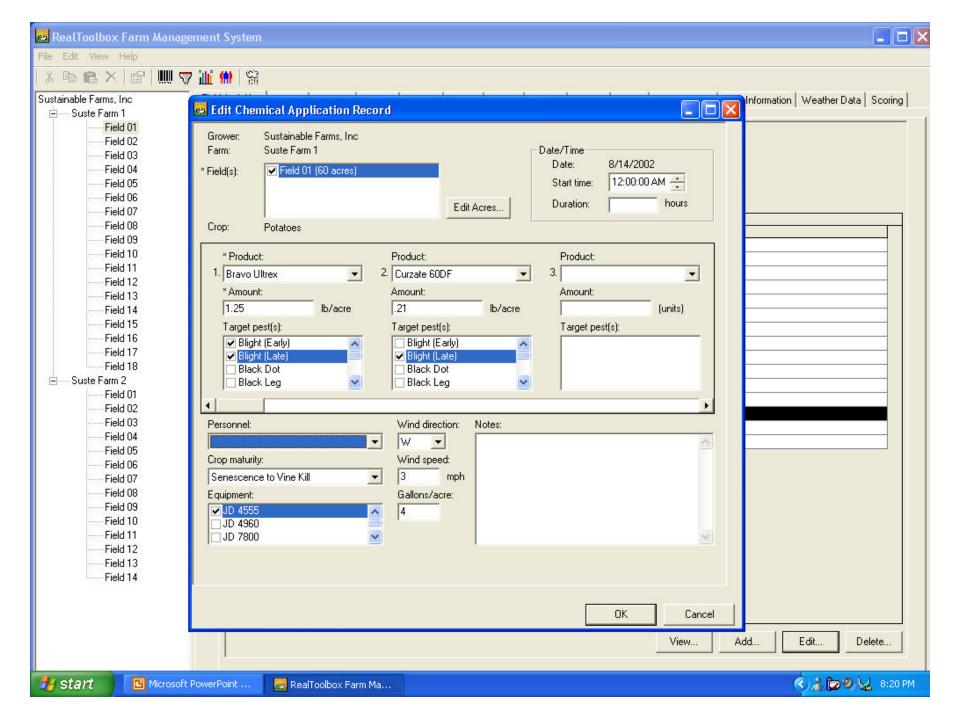
- Grower (Contact, All Farm Info.)
 - > Farm (Budget, Equipment, etc.)
 - > Field (Scouting, WPS, etc.)

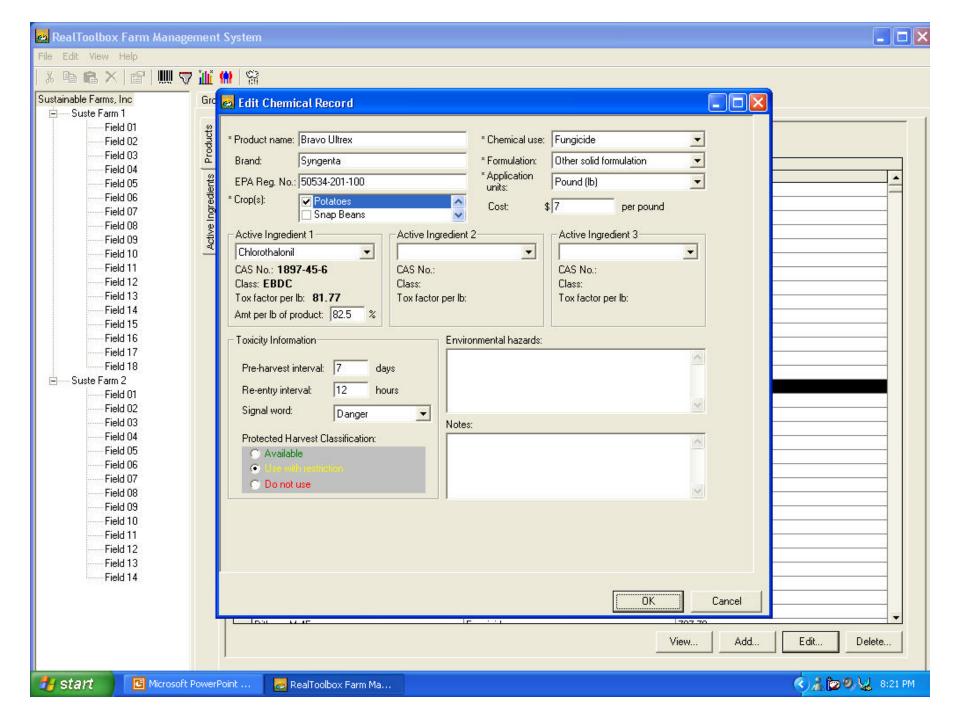


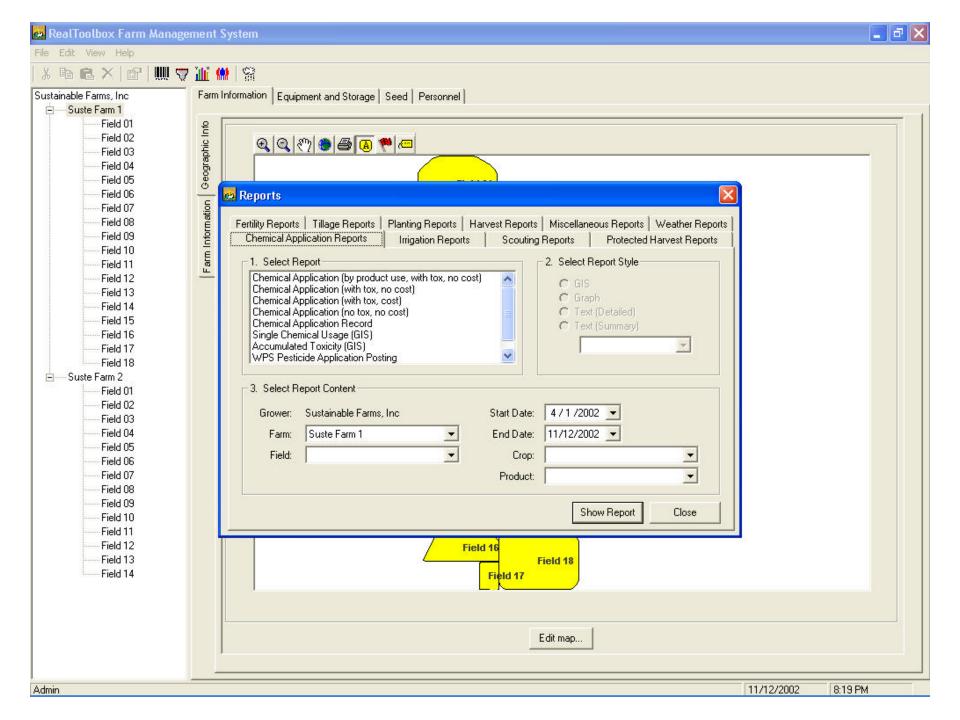


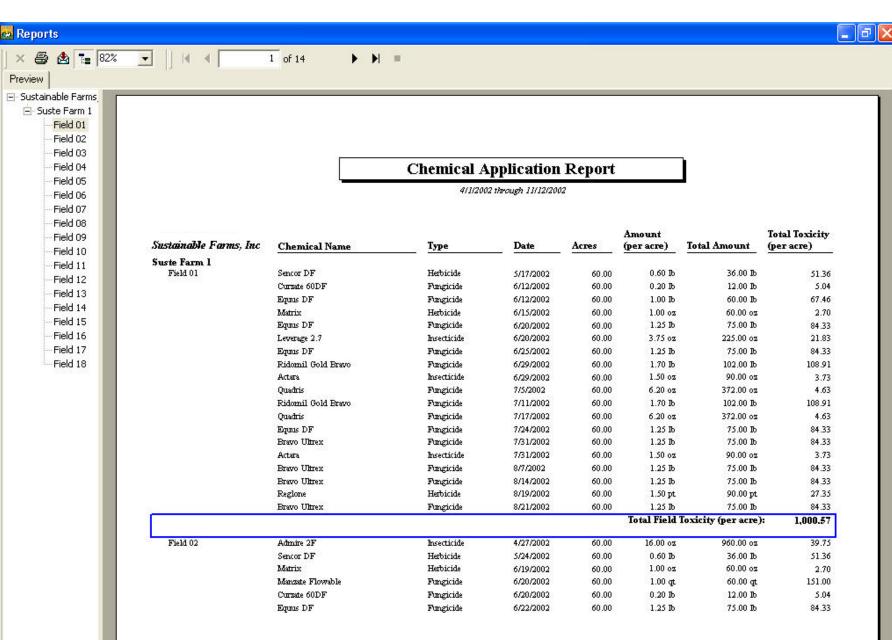






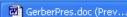


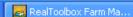




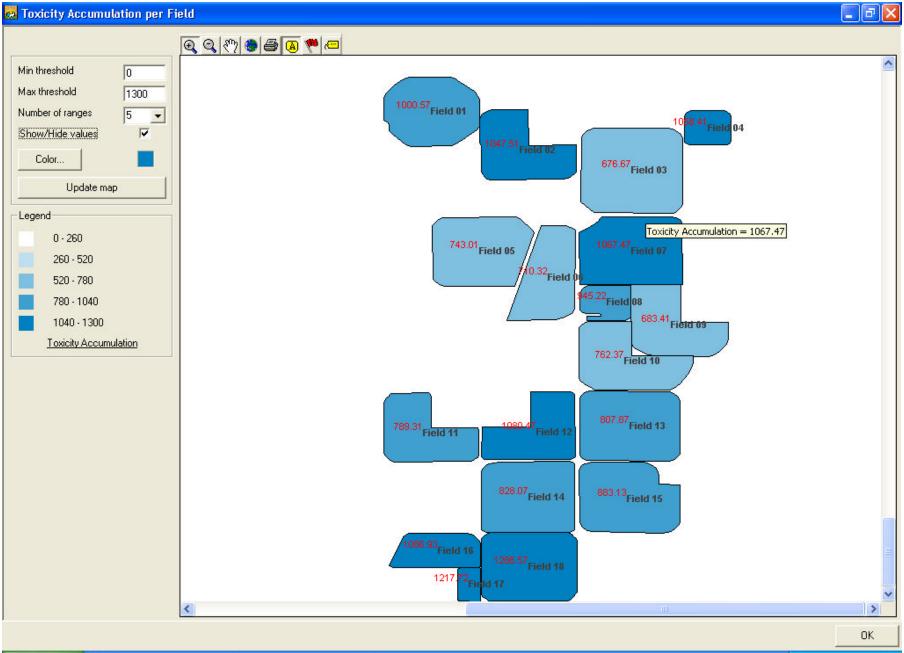
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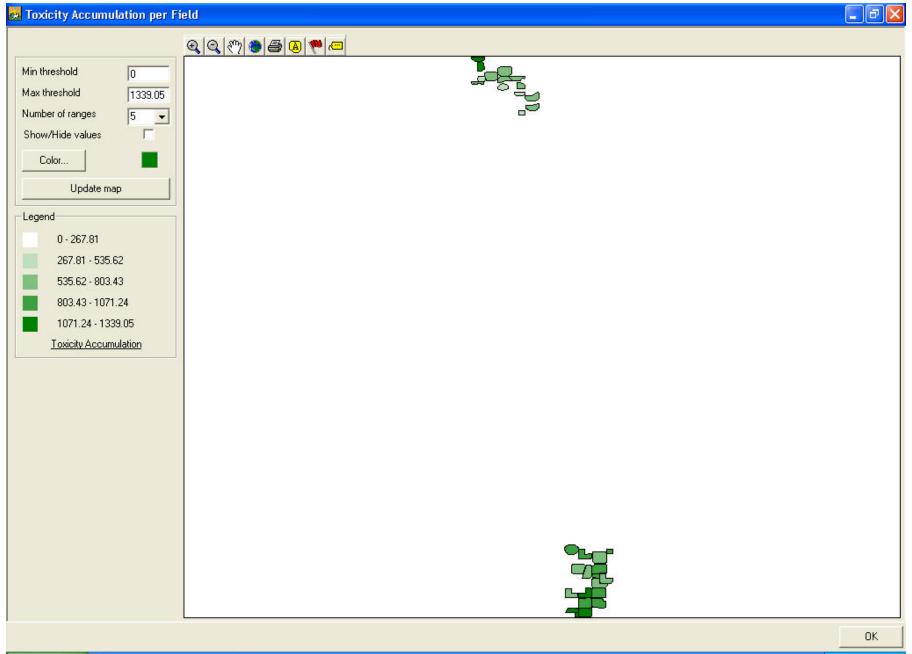


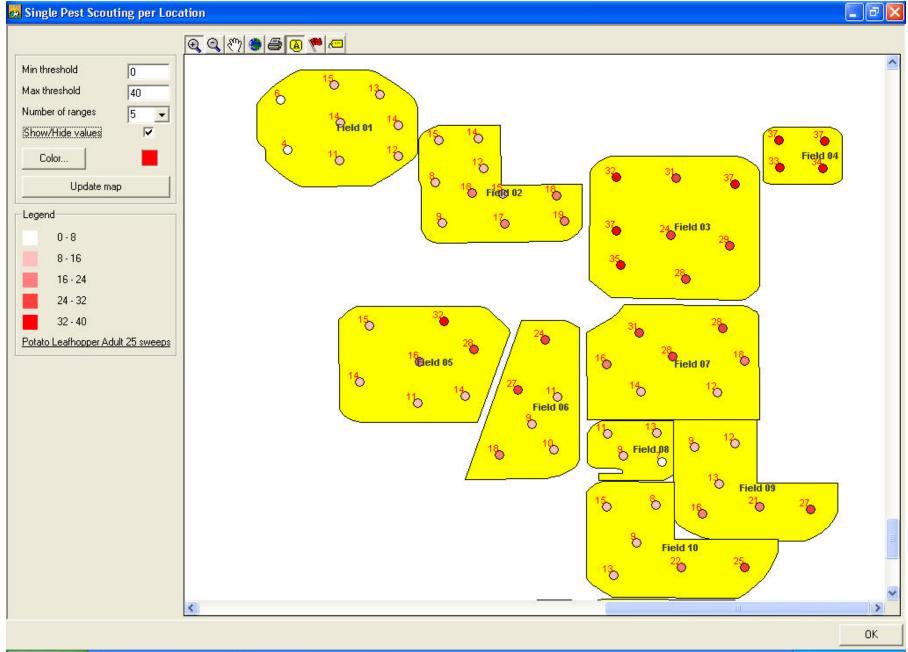


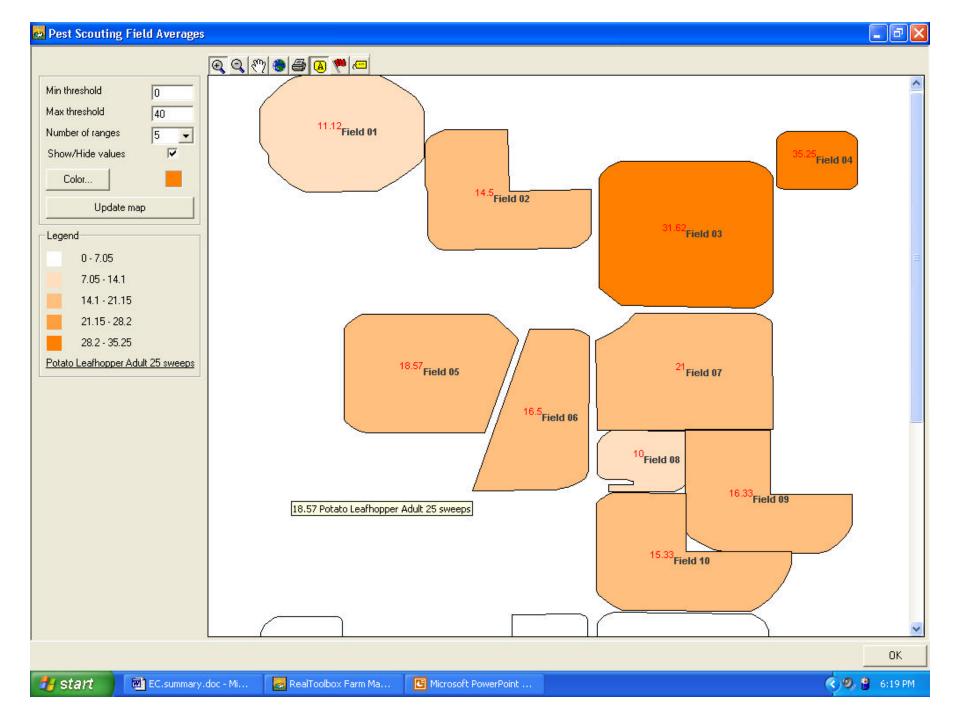


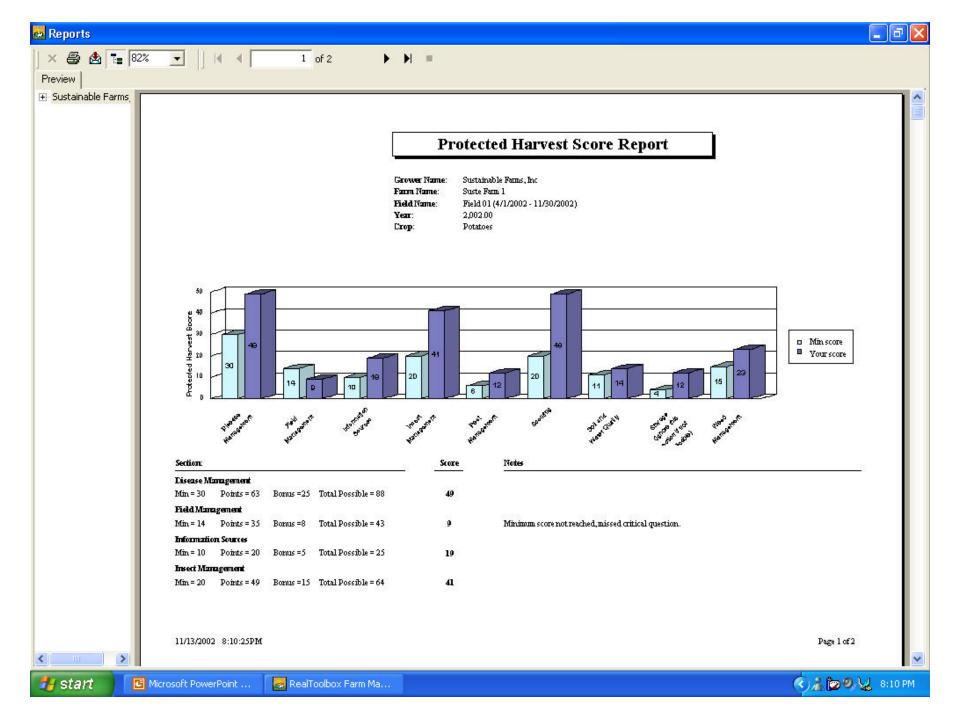












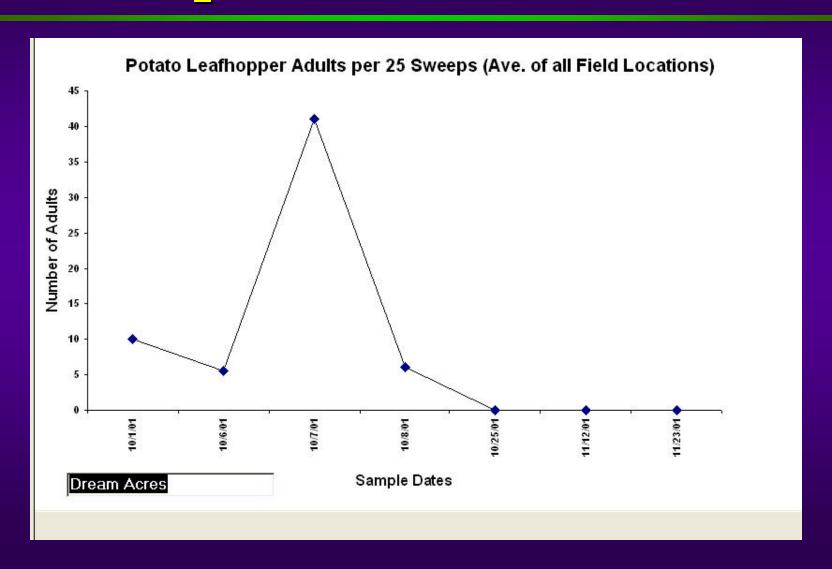
Example: Industry Summary

Insecticide and Miticide Summary Report for the Wisconsin Potato Project

from 1/1/01	to	12/31/01
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Block name	Input Date	Chemical name	Rate per Acre	Acres treated	Total applied
Dream Acres					
	6/1/2001	Ambush 2E	2	60	120
nn dy					
Randy's Front 80					
	4/2/2001	Ambush 2E	3	80	240
1					
Deana's back 60					
	6/1/2001	Ambush 2E	2	60	120
	Dream Acres on dy Randy's Front 80	Date Dream Acres 6/1/2001 an dy Randy's Front 80 4/2/2001 a Deana's back 60	Date name Dream Acres 6/1/2001 Ambush 2E andy Randy's Front 80 4/2/2001 Ambush 2E a Deana's back 60	Date name Acre Dream Acres 6/1/2001 Ambush 2E 2 and y Randy's Front 8θ 4/2/2001 Ambush 2E 3 a Deana's back 6θ 3	Date name Acre treated Dream Acres 6/1/2001 Ambush 2E 2 60 and y Randy's Front 8θ 4/2/2001 Ambush 2E 3 80 a Deana's back 6θ 9

Example: Seasonal Trends



Relational Databases

- * Build Relational Reports:
 - Pest Levels by Plant Date
 - Field Practices by Storage Quality
 - * Anything in the database....

TRENDS NOT NECESSARILY
EXPERIMENTAL DATA





*Real*ToolBox



