University of Nebraska
2003-2004 Crop Management Winter Programs

Precision Agriculture – Data Management

Evaluation Summary
December 15, 2003

# of Participants = 10 # of Respondents = 8

1. **Please indicate your level of satisfaction with today's program.**

	#	%
Not Satisfied	0	0%
Somewhat Satisfied	3	38%
Very Satisfied	5	63%
No Response	0	0%

2. **Do you plan to make changes in your business/operation based on what you learned today?**

	#	%
Definitely Not	0	0%
Probably Not	0	0%
Probably Will	6	75%
Definitely Will	2	25%
No Response	0	0%

3. **Based on your experience today, will you attend future UNL Winter Crop Management programs?**

	#	%
Definitely Not	0	0%
Probably Not	0	0%
Probably Will	3	38%
Definitely Will	5	63%
No Response	0	0%

4. **Would you recommend this UNL Winter Crop Management program to others?**

	#	%
Definitely Not	0	0%
Probably Not	1	13%
Probably Will	3	38%
Definitely Will	4	50%
No Response	0	0%

5. How did today's program compare to other educational opportunities available to you?

	#	%
One of the Best	4	50%
Above Average	4	50%
Below Average	0	0%
One of the Worst	0	0%
No Response	0	0%

6. Based on your experience today, do you plan to improve your management of….

a. Spatial Data Sources Overview

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	1	13%	4	50%	3	38%	0	0%

b. Basic Data Layers

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	1	13%	3	38%	4	50%	0	0%

c. GIS Exercise (Data Importing)

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	1	13%	4	50%	3	38%	0	0%

d. Site-Specific soil Nutrients Management

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	0	0%	5	63%	2	25%	1	13%

e. Yield Data Application

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	0	0%	5	63%	3	38%	0	0%

f. Prescription Maps Development Exercise

Definitely Not		Probably Not		Probably Will		Definitely Will		No Response	
#	%	#	%	#	%	#	%	#	%
0	0%	0	0%	5	63%	1	13%	2	25%

7. What is your estimated value of the knowledge gained today and/or anticipated practice changes on a per acre basis?

	#	%
# of Responses	5	63%
No Response	**3**	38%
$ Per Acre	****Average***	**$5.80**

8. How many UNL Winter Crop Management Programs have you attended since 1997?

	** Total**	** Average**
# of Programs Attended	**43**	**6**
	#	**%**
# of "0"s	2	25%
# of Responses	7	87%
No Response	1	13%

9. Which of the following do you consider your <u>primary</u> occupation?

	#	%
Farmer	5	63%
Independent Crop Consultant	0	0%
Agribusiness Representative	3	38%
Public Agency Representative	0	0%
Other	0	0%
No Response	0	0%

10. Please indicate the number of cropland acres you manage/influence annually.

	#	%
1 to 5,000 acres	5	63%
5,001 to 10,000 acres	1	13%
10,001 to 25,000 acres	2	25%
25,001 to 50,000 acres	0	0%
Over 50,000 acres	0	0%
No Response	0	0%

The estimated combined dollar value per acre is $609,000.00

☐ Please check this box if you have already completed an evaluation for another 2003 - 2004 UNL Winter Crop Management Program. (Be sure to complete this evaluation too!)

# of Responses		**No Response**	
#	**%**	**#**	**%**
2	25%	6	75%

COMMENTS

11. As you reflect on today's program, how do you see this experience influencing your business and future work?

- I can see the potential cost savings by applying the concepts learned today.
- If I can simplify it, I can see it influencing my analysis of what I see and do in the decisions for fertility and seed.
- It will help me work on my maps and to write P prescription maps to use invariable rate. Hopefully to save money on fertilizer.
- Starting to do a better job of analyzing yield maps and using the sources out there. Also, starting to spend more time learning in the area of precision ag.
- Intensifying detail. Twenty years of soil samples to put together and three years of grids. This gives so much more confidence in what I'm doing.

- We are just getting started getting growers onto variable rate planting. It wasn't covered much today. I was hoping to get some planting knowledge!!

12. How can this program be improved?

- More time and computer lab time needed.
- Perhaps using more common software that the farmer uses, although higher end software expands my thinking!!
- The exercises seemed pointless to me when no one in the class uses AGIS. It was just basic software learning we will probably never use because no one wants to change their software.

13. What topics would you like to see addressed at next year's UNL Winter Crop Management programs?

- The completion of real time nitrogen application equipment!
- Nothing was really covered for using soil types as management zones for yield. What I took away is you thing zone managing is better than grid sampling where I think they have to be used together. As far as the soil electric conductivity, it is interesting, but I don't see a real benefit for $7/acre. Do you think a farmer should par $7/acre to find out that his soil survey line is 200 feet east of where it should be? I just don't think that that is of great benefit and the $7 would be better spent grid sampling!