

GPS-Based Auto-Guidance Clinic

Evaluation Summary

September 11, 2006 * Grand Island, NE

of Participants = 75 # of Respondents = 51

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

	#	%
Not Satisfied	0	0%
Somewhat Satisfied	18	35%
Very Satisfied	33	65%
No Response	0	0%

2. Do you plan to make changes in your farm- or agri-business based on what you learned today?

	#	%
Definitely Not	0	0%
Probably Not	11	22%
Probably Will	31	61%
Definitely Will	6	12%
No Response	3	6%

3. Will you recommend this workshop to others?

	#	%
Definitely Not	0	0%
Probably Not	1	2%
Probably Will	34	67%
Definitely Will	16	31%
No Response	0	0%

4. What is your estimated value of the knowledge you gained today and/or anticipated farm- or agri-business management changes?

	#	%
# of Responses	10	20%
No Response	41	80%
\$ per Acre	Average	\$5.28

5. How did you learn about the 2006 GPS Auto-Guidance Clinic?

	# ¹	%
Newspaper	1	2%
Friend	19	37%
Direct mailing	1	2%
NeATA listserve	14	27%
Radio	0	0%
Midwest messenger	1	2%
Extension office	2	4%
Internet	13	25%
Other	2	4%
No Response	1	2%

6. Which of the following do you consider your primary occupation?

	# ¹	%
Farmer	22	43%
Public Agency Representative	0	0%
Independent Crop Consultant	7	14%
Educator	4	8%
Agribusiness Representative	7	14%
Other	18	35%
No Response	1	2%

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

	#	%	Acres
1 – 5,000	31	61%	77,500
5,001 – 10,000	0	0%	0
10,001 – 25, 000	7	14%	122,500
25,001 – 50,000	4	8%	150,000
> 50,000	2	4%	100,000
No Response	7	14%	N/A

Total acres represented at this field day 450,000
Total dollar value of this field day \$2,373,750

¹ Multiple answers were accepted

COMMENTS

8. As you reflect on today's program, how do you see this experience Please list two things you learned today that will influence your farm and/or business management.

- System differences, setup
- Information about decimeter correction services
- State of ISO standards
- Use of GPS to precisely apply chemicals, fertilizer, etc.
- Can cut input costs by reducing overlaps; allows for yield mapping
- Auto steering implement
- No guess rows so I can use implements with various row widths.
- The standardization of components to make purchasing easier.
- The benefits of GPS guidance systems to my customers
- Some of the limitations of the different GPS systems.
- Satellite signals
- RTK
- I learned how the ez-steer works.
- I also learned how the AgGPS works.
- The GPS and satellite features.
- How much this system is used across the continental United States.
- Good technology update
- I learned about differences in antenna types - signal quality
- I learned any product I buy should be compatible with ISO 11783
- We already are using AgLeader but will go to a better antenna to improve accuracy
- Learned more about Real Time Kinetics
- Compatibility systems RE: ISO 11783
- The accuracy of the different types of GPS systems
- How affordable the products are
- The money they save you because of the accuracy
- The amount of products and how they compare technologically and cost
- How much money and time they should save
- Plan to purchase Trimble guidance system so that I can integrate my sprayer and purchase RTK subscription.
- Still plan to purchase NORAC boom central system as Trimble still doesn't offer boom varying lift control.
- John Deere Starfire 2 system
- I learned that GPS and Auto Guidance systems will make farming easier by cutting cost and cut overlapping.
- GPS and Auto Guidance systems are cost efficient and you can get your money back by the money saved on chemical and fuel from overlapping.
- Price of the GPS system is very expensive but if you save money with it, it's worth it, but if it didn't, no one would pay it.

- It's nice that you can put different GPS software to different products and still work so you don't have to have all the equipment
- The Trimble light box and auto-steer you can make just about and line with any ? You want to, including on pivots
- You can buy your own base stat for relatively cheap for more than one system
- How the RTK system works
- All the different products out there and the systems and software they have
- Where you can ask questions to all companies
- Prices
- The different types of GPS
- How they all differ and are the same
- The precision and how to utilize it through multiple management practices.
- Ya?? And roll compensation will ensure accurate data - most all we farm is hills and unlevelled ground.
- Cost, possibility of upgrades.
- How it can be used on different brands of products.
- I learned about competitive systems - strengths and weaknesses
- How RTK works
- How the different systems compare with each other.
- This is all new to me and this seminar was very informative.
- I learned lots of new terms that will allow me to make good decisions as to whether or not this technology will eventually fit my operation.
- Think more about using these products
- Becoming more efficient
- That the cost of the technology will pay for itself in a short amount of time
- The technology will be upgradeable.
- Spray boom controls/guidance to stop overlap
- Planting guidance makes straighter rows easier to follow
- Prediction of GPS availability
- Upgrade from WAAS to OMNISTAN XP or HP
- Most of the equipment today is GPS ready. All you need to do is pick a controller.
- Products are user-friendly and easy to use; makes it easy for growers and operators to use.
- Products that are very diversified and what will provide the most benefit to our customers and our own equipment.
- What company is the best to team up with to give our customers the most value.
- New items coming down the line to plan for the future
- Comparing and contrasting different systems to find the best fit for our operation
- New products that are in the "pipeline".

- A general education on the capability of auto guidance in our farming operation and what it can and can not do.
- The levels of precision of the systems which are available.

9. What topics/programs would you like to see NeATA offer in the future?

- Well, Dave - good forum in which to make comparisons
- Vendors should have equipment on display.
- Variable Rating and mapping of fertilizer
- Precision Ag, how to use with KJSS method
- Look at zone sampling vs. grid
- Hands-on training
- Demos on computer showing how to operate and program
- More programs state wide
- Demos at workshop
- Be able to get more in detail
- More companies to present
- Combine calibration with AgLeader
- Sprayer calibration with AgLeader
- Electronic surveillance of pivots, grain bins, soil moisture, etc.
- More about sprayer GPS, auto boom
- Ag GPS Autopilot system
- John Deere
- Case New Holland
- Demos of the workshop
- Trimble
- John Deere Auto steer
- Case IH products
- I would like to see more on yield mapping
- Field prescriptions
- variable rates
- Demos at the workshop
- More light boxes
- How GPS works
- More info on StarFire
- Walk through some procedures
- Demo installation
- Felt like most of the information was repeat information from one speaker to the next.
- Variable rate
- Contour tracking
- More benefits; how much profit does it add to your operation.
- Pricing
- Packages that would fit me most

- Continue ride and drive
- Come out to producers' sites and run on their fertilizer
- Get these products in the hands of rural "smaller" operations as well.
- Some of the systems on hand so you can see them and how to use
- Signal bounce - metal buildings
- Direct command/Trimble's product/Viper (Raven)
- Machine steer performance - What is happening behind you? Mapping software school
- More hands-on
- Show how to install and calibrate and set up
- Show cost per acre savings; planting, spraying, and fuel savings
- Using satellite imagery
- Variable Rate Applications
- NRD subsidies for adopting different technologies
- If possible, more actual field demos or on-field trials
- Testimonials from producers about experiences
- VR seeding/fertilizer/chemical day
- Include research about what to "base" maps on
- Examples of "researched" cost savings

10. Additional comments.

- Include more pricing information
- I enjoyed the Case IH people. I also enjoyed the John Deere speaker.
- Well rounded and informative; good speakers; easy to listen to. I enjoyed the program. Thanks again. I enjoyed the John Deere and Case IH implement people and how they got along. It's funny to see how much people vary between brands
- Thanks or the information.
- Earlier in the day
- I thought it was very informative.
- Each session needs to be longer; speakers need more time
- The reason I don't (probably won't) recommend the workshop is because most of the companies have dealers in my area. For those really interested in learning more, I would definitely recommend it to them. Good workshop. Panel discussion was very good! Thank you.
- Learned a lot of good information.
- Maybe similar terms.
- I'm hearing, for the most part, a lot of the same things. I want to know more about which programs that I specifically would use, and what price I should be willing to pay in comparison to other products.
- Well organized!
- Need to talk about precision applying fertilizer and seed, variable rate.
- Why did Case IH and Trimble present the same products?