

Q17. Name: Chris Deal

Trial Title: Can We Reduce N Rates and Improve ROI?

Q1. How would you rate your overall change in knowledge from conducting this trial?

No change Some change Moderate change Large change Very large change

☐ ☐ ☒ ☐ ☐

Q2. Please explain.

It was a fairly straightforward question that underlay the trial: am I using too much N? So it was a significant amount of knowledge gained, but it was certainly important knowledge.

Q3. How likely are you to implement changes to your farm based on your trial's findings?

Not likely Slightly likely Fairly likely Likely Very likely Don't know

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Q4. Please explain.

The trial indicated (at least after 1 year) that I wasn't overapplying N.

Q5. Think back to your reasons for conducting this trial in the first place. How satisfied are you that the trial was designed to address those reasons? (i.e., the treatments you applied, the data you collected, etc. were appropriate for answering your question[s].)

Not satisfied Slightly satisfied Fairly satisfied Satisfied Very satisfied

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Q6. Please explain.

One of my biggest questions for several years has been whether I was being too aggressive with the amount of N I was using. This trial allowed me to explore that important question.

Q19. How helpful was this trial in identifying techniques for increasing the financial viability for your farm?

Not helpful Slightly helpful Fairly helpful **Helpful** Very helpful

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Q20. How helpful was this trial in discovering time-saving practices to improve work-life balance on your farm?

Not helpful Slightly helpful Fairly helpful **Helpful** Very helpful

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Q7. Please select your level of agreement with the following: "I made new observations or have new ideas to explore on my farm after conducting this trial." (NOTE: These may or may not be directly tied to the trial's findings.)

Don't agree Slightly agree Fairly agree **Agree** Strongly agree

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Q8. Please explain.

A good experiment usually results in new questions or ideas. This is the case here. A big question revolves around weather...if there had been different weather during the year, would the results be different? I wonder if the type of N (i.e. liquid vs. anhydrous) and/or the timing.

Q9. What was the most valuable aspect of conducting this trial, for you?

Gaining a level of affirmation for one of the most important decisions I have to make as a farmer: the quantity of inputs that I utilize.

Q10. What changes could be made to improve on-farm research trials in the future?

Continue to replicate. This was 1 trial on 1 farm for 1 year. The real value comes by increasing the "n" (i.e. number of samples) for these trials. If they can become regionalized, that would be great as well. Our soil in Greene County is certainly different from the soils in different parts of the state.

Q18. How likely are you to refer participating in PFI research trials to a friend or other farmers?

Not likely Slightly likely Fairly likely **Likely** Very likely

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Embedded Data

Q_URL: [https://practicalfarmers.sjc1.qualtrics.com/jfe/form/SV_5hDH70vGo25TiqW?](https://practicalfarmers.sjc1.qualtrics.com/jfe/form/SV_5hDH70vGo25TiqW?Q_CHL=gl&Q_DL=KCUqkeiJt5FHPdg_5hDH70vGo25TiqW_CGC_yp3JM7V4iDvRy97)
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Location Data

Location: ([42.0058](#), [-94.3941](#))

Source: GeoIP Estimation

