

First Cross-Training on April 2nd

Pre Cross Training Survey

1. How familiar are you with the purpose of CropManage and with its conceptual basis, ie determining irrigation based on crop evapotranspiration? (circle the response that best represents your current level of understanding and expertise)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use CropManage personally	I am able to explain to others how to utilize it.
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2. Have you worked with a grower to instruct them how to use CropManage? What did you learn from that experience – what issues did you have to overcome? What issues did the grower have to deal with? (use back of paper if you need more space)
3. How familiar are you with the information in the Nutrient Management toolkit available at <http://www.awqa.org/toolkits/nutrient-management/>?

Not At All Familiar	I have seen the website and looked through the tools once or twice.	I understand the range of tools on the site and could use them as a reference	I am able to refer farmers to 2-3 of the tools I think would help them and explain their use	I am aware of the range of tools and can select the most appropriate one for a grower and explain its use
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4. What is your current level of understanding of the following topics related to nitrogen budgeting:

A. How to consider/ factor in Cover Crop nitrogen and Rate of Demineralization (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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B. How to consider/ factor in Residual from previous crop and their Rate of Demineralization (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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C. How to consider/ factor in Irrigation water nitrate concentration (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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D. How to use information from a soil nitrate quick-strip test (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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5. How to use Nitrogen uptake curves for estimating plant nitrogen needs (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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6. How to utilize the nitrogen budget guidelines from NRCS (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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7. Do you know how to perform a soil nitrate quick test?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to perform the test	I am able to explain to others how to do it
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8. Do you understand why irrigation water management and nutrient management need to be co-managed?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to co-manage them	I am able to explain why and how to others
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9. Do you understand the concepts and tools for effective irrigation water management?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to co-manage them	I am able to explain why and how to others
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First Cross-Training on April 2nd

Post Cross Training Survey

1. How familiar are you with the purpose of CropManage and with its conceptual basis, ie determining irrigation based on crop evapotranspiration? (circle the response that best represents your current level of understanding and expertise)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use CropManage personally	I am able to explain to others how to utilize it.
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2. How familiar are you with the information in the Nutrient Management toolkit available at <http://www.awqa.org/toolkits/nutrient-management/>?

Not At All Familiar	I have seen the website and looked through the tools once or twice.	I understand the range of tools on the site and could use them as a reference	I am able to refer farmers to 2-3 of the tools I think would help them	I am aware of the range of tools and can select the most appropriate one for a grower and explain its use
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3. What is your current level of understanding of the following topics related to nitrogen budgeting:

- A. How to consider/ factor in Cover Crop nitrogen and Rate of Demineralization (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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- B. How to consider/ factor in Residual from previous crop and their Rate of Demineralization (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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- C. How to consider/ factor in Irrigation water nitrate concentration (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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D. How to use information from a soil nitrate quick-strip test (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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4. How to use Nitrogen uptake curves for estimating plant nitrogen needs (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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5. How to utilize the nitrogen budget guidelines from NRCS (Circle your selection)

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to use personally in nutrient budgets	I am able to explain to others how to utilize
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6. Do you know how to perform a soil nitrate quick test?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to perform the test	I am able to explain to others how to do it
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7. Do you understand why irrigation water management and nutrient management need to be co-managed?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to co- manage them	I am able to explain why and how to others
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8. Do you understand the concepts and tools for effective irrigation water management?

Not At All Familiar	I have limited knowledge	I understand the concepts	I am able to co- manage them	I am able to explain why and how to others
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9. What irrigation and nutrient management topics, tools and resources would you like to learn more about?