2013 Update Mtg: Tile Drainage SARE Project

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Tile drainage SARE project

Carolyn DeMoranville, Peter Jeranyama, Casey Kennedy, Hilary Sandler
Develop recommendations for BMPs for tile drainage
  ◦ Installation specs
  ◦ Maintenance

Work with a team of early adopters

Compare pre-drain to post-drain installation and to undrained controls
Questions to be researched

- Best vertical and horizontal spacing
- Longevity and how to extend it
- Installation and maintenance methods
- Use for irrigation
- Utility in new or renovated beds
- Interaction with weeds, other pests – can we reduce pesticide use?
Growers participate by helping us study tile drains

- Join the project
- Install drains with advice from the ‘team’
- Keep and share certain records
What records?

- Sketch or description of installation
- Cost to install
- Pesticide use and scouting reports, weed map, fertilizer use, yield
- Irrigation records
- Maintenance, challenges
Today’s pre-survey (green)

- Questions 1 and 2
  - Your info on acres and if you have tiles drains

- If you have no tiles installed SKIP to #10

- If you have drains continue with #3
Today’s pre-survey (green)

- **Question 3**
  - Depth – inches to top of pipe
  - Between – in feet

- **Question #4**
  - Plans for next 3 season – numbers of acres
Today’s pre-survey (green)

- Question 5
  - Why drains?

- Question 6 – what changed when you added drains?
  - Puddles
  - Moisture status
  - other
Today’s pre-survey (green)

- **Question 7**
  - Change in yield after adding tiles drains?

- **Question 8**
  - Change in pesticide use?
  - Weed management?

- **Question 9**
  - Change in irrigation?
Question 10

- Why not drains?
- Plans to install any?
- What knowledge would increase your chances of adding drains?
Join the project???

- Put your contact info on the back

- There may be some money to pay for drains
  - Depending on level of participation and available funds