



THE IRRIGATOR

AUGUST 2021 • VOLUME 56



MICHIGAN STATE UNIVERSITY | Extension



IRRIGATION WEBINAR SERIES

Let's Talk Irrigation!

Topics that will be covered each week:

- Past and forecasted crop water usage compared to rainfall for the last week and next week. (5 minutes)
- Ways to improve irrigation management and efficiency - Irrigation Specialist from MSU and Purdue (15 minutes)
- New and expanding irrigation considerations - Lyndon Kelley (15 minutes)
- Updates on irrigation topics related to field crops, vegetable, fruit and ornamental crops by MSU and Purdue specialists and extension educators (15 minutes)
- Open Irrigation question and answer period (from chat or pre program e-mail questions). Please feel free to email irrigation related questions to Betsy Braid at braidbet@msu.edu before the programs.



Dates: July 7 & 21
August 4 & 18
September 1 & 15

Time: 12:00-1:00PM

Where: Zoom

Cost: Free

To register visit:
events.anr.msu.edu/irrigation21/

RUP credits will be available for these sessions.





TOPIC AGENDA

July 7

- Checkbook Irrigation scheduling concepts and tools - Dr. Younsuk Dong , MSU BAE, Irrigation Specialist
- Checklist for Planning Irrigation Systems - Lyndon Kelley, MSU/Purdue Extension, Irrigation Educator
- Opportunity to produce Annual Forage crop under irrigation in 2021? - Dr. Kim Cassida
- Irrigated Crop nitrogen management in a year with too much and too little water - Dr. James Camberato, Purdue University Soil Fertility Specialist

July 21

- Irrigating scheduling with the aid of soil moisture monitoring - Dr. Younsuk Dong, MSU BAE-Irrigation Specialist
- Where what and why do we irrigate in Michigan and Indiana - Lyndon Kelley, MSU/Purdue Extension, Irrigation Educator
- Irrigating corn to minimize infection period for Tar Spot - Marty Chilvers, MSU Pathologist
- Cover Crops in Irrigated Fields - Dean Baas, MSU Cover Crops Specialist

August 4

- Monitoring leaf wetness duration to predict disease infection period - Dr. Younsuk Dong, MSU BAE-Irrigation Specialist
- Irrigation water supply-how much water do I need? - Lyndon Kelley, MSU/Purdue Extension, Irrigation Educator
- Irrigation of blueberries and other small fruit - Mark Longstroth, MSU Fruit Educator Emeritus

August 18

- Irrigation management and efficiency - Dr. Younsuk Dong, MSU BAE-Irrigation Specialist
- Irrigating fresh market vegetables for top quality - Dr. Ron Goldy, MSU Vegetable Educator Emeritus
- Irrigating Tree Fruit - Nikki Rothwell, MSU Tree Fruit Educator, Northwest Horticulture Experiment Station
- Irrigation for Ornamental Horticulture - Dr. Tom Fernandez

September 1

- Timing the last irrigation - Dr. Younsuk Dong, MSU BAE-Irrigation Specialist
- Timing and designing your project for minimized cost - Lyndon Kelley, MSU/Purdue Extension, Irrigation Educator
- Considering growing cereals under irrigation - Opportunity to provide change in rotation, produce second crop soybeans or snaps, annual forage and better manage fertility and weeds - Dennis Pennington, MSU Wheat Production Specialist

September 15

- Maximizing Irrigation energy efficiency- how much energy did I use compared to the average? - Younsuk Dong
- Water Use Registration and Reporting - Lyndon Kelley, MSU/Purdue Extension- Irrigation Educator
- Michigan Site Specific Review options and the alternatives for registration - Andy Lebaron MI-Egel

PREVENTATIVE MAINTENANCE

September 1 to December 31

FALL WINTERIZATION/PREVENTATIVE MAINTENANCE PROGRAM

- Pivot Center Service
- Intermediate Tower Service
- End Tower Service
- Inspect Booster Pump

We provide a detailed report with recommended repairs.

Call for more information

- Swing Arm Corner Service
- Well Winterization
- Riser Winterization
- Centrifugal Pump Winterization

**SAVE ON DOWN TIME NEXT YEAR!
Call to schedule now!**



ZEB'S BACK!!!



Zeb Rice

Please help us welcome Zeb Rice back to FSI as our build crew leader!

Zeb went to Lakeview High School in. He started working at Farm Services Inc. in 2003 as a build crew member and then as a service tech. He also worked as a combine crew member when we were offering custom combining services. In 2012, Zeb went to work for Chapin Family Farms but returned to FSI in June.

Zeb lives in the Lakeview area with his wife, Cate and his daughter Ella. He enjoys hunting, boating, hiking in the UP, and traveling with his family in his spare time.

If you see Zeb building your new Reinke pivot.

Notes from Jason's desk ... Don't do it - It could get expensive!



Jason Preston
FSI General Manager

As Reinke system owners everyone knows that our pivots start with the push of the button in the control panel. This button momentarily overrides the safety circuit to allow the forward/reverse contactors in the panel to latch in. If the safety circuit on the system is closed, the system will continue to run when the button is released, which is typically a second or two, or sometimes a little longer if it is an old, buried wire corner system. Holding the button in any longer than this will allow the machine to run and ignore any safety issues that may exist on the system such as being up against a barricade, or an overwatering timer tripped or out of alignment condition.

There are times it may be necessary to hold the button to realign the system, reset the overwatering timer or pull a system away from the barricade. When doing this, it is imperative that you know what is going on with the machine, either with an assistant who has good communication or the operator having full view of the system and what is happening in the field (OTHERWISE J- DON'T DO IT!).

We have repaired many systems that have been crashed because operators are holding the button in and not paying attention to what is going on. These are often very expensive bills that can be avoided by thinking about what you are doing before you do it.

So the next time the system does not stay latched in when you start it, INVESTIGATE first! If needed, call FSI and talk with a tech who will be able to walk you through any possible issues.

FARM SERVICES, INC.

4840 North Greenville Road
Lakeview, MI 48850

Come see us at



AUGUST 17-18



4840 N GREENVILLE RD • LAKEVIEW, MI 48850
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FARM IRRIGATION • COMPLETE SERVICE & REPAIR

