<table>
<thead>
<tr>
<th>DATE</th>
<th>EVENT</th>
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| Jan 9-11   | **Michigan Agri-Business Association Annual Winter Conference & Trade Show** | Lansing Center, 333 E. Michigan Ave., Lansing  
To register: [www.miagbiz.org](http://www.miagbiz.org) |
| Jan 12     | **Pest & Crop Management Update Meeting**                    | 8:30 AM - 3:30 PM - Comfort Inn & Suites, Mt. Pleasant, $25  
To register: [https://events.anr.msu.edu/IPMcropsmgmt2017/](https://events.anr.msu.edu/IPMcropsmgmt2017/)  
5 CCA & 4 RUP Credits |
| Jan 17     | **2017 Bean & Sugar Beet Symposium**                        | Horizons Conference Center, 6200 State St., Saginaw  
To register: Karlie Witkop (989) 895-4026 |
| Jan 20     | **Managing Farm Stress Workshop**                           | AgroLiquid, St. Johns  
10 AM - 2 PM (lunch included, no charge to attend)  
To register: [http://msue.anr.msu.edu/events/managing_farm_stress](http://msue.anr.msu.edu/events/managing_farm_stress)  
Or Clinton County MSUE (989) 224-5241 |
| Jan 25-26  | **Great Lakes Crop Summit**                                 | Soaring Eagle Casino & Resort, Mt. Pleasant  
10 RUP, 10 CCA, Phase 1 MAEAP Credit if entire summit is attended  
To register: [http://www.greatlakescropsummit.com/registration](http://www.greatlakescropsummit.com/registration) |
| Jan 30 - May 8 | **Beginning Farmer Webinar Series**                        | $45 for the entire series or $10 per webinar  
| Feb 2-4    | **Great Lakes Regional Dairy Conference**                   | Bavarian Inn & Conference Center  
To register: [http://glrdc.msu.edu/](http://glrdc.msu.edu/) |
| Feb 9      | **Pesticide Review & Test - Isabella County**               | 9:00 AM (review), $20  
1:00 PM (test)  
Isabella County Building, Room 320  
To register for the review: Isabella County MSUE (989) 317-4079  
To register for the test: 1-800-292-3939  
3 RUP Credits |
| Feb 13 - Mar 27 | **Field Crops Webinar Series**                             | $15 for entire series or $5 per webinar  
1 RUP Credit per webinar attended  
To register: [http://msue.anr.msu.edu/events/fieldcropswebinarseries2017](http://msue.anr.msu.edu/events/fieldcropswebinarseries2017) |
| Feb 24     | **Pesticide Review & Test - Clinton County**                | 9:00 AM (review), $20  
1:00 PM (test)  
Clinton County Fairgrounds, St. Johns  
To register for the review: Clinton County MSUE (989) 224-5241  
To register for the test: 1-800-292-3939  
RUP Credits |
| Mar 4-11   | **ANR Week**                                                 | East Lansing, MSU  
For more information: [http://anrweek.canr.msu.edu/](http://anrweek.canr.msu.edu/) |
| Mar 15     | **Midwest Cover Crops Council Conference**                  | Crowne Plaza Grand Rapids - Airport, 5700 28th St, SE  
To register: [events.anr.msu.edu/MCCCanualmeeting](http://events.anr.msu.edu/MCCCanualmeeting) |
| Mar 22     | **Pesticide Review & Test - Gratiot County**                | 8:00 AM (review), $20  
1:00 PM (test)  
RESD Building, Ithaca  
To register for the review: Gratiot County MSUE (989) 875-5234  
To register for the test: 1-800-292-3939  
4 RUP Credits |
### 2017 Midwest Cover Crops Council Conference

**March 15, 2017**  
**7:30 AM - 4:30 PM**  
**Crowne Plaza Grand Rapids - Airport (5700 28th Street, SE, Grand Rapids)**

**Cost:**  
Regular - $85 ($100 after January 31)  
Graduate Student - $50 ($60 after January 31)

Register online at: [http://events.anr.msu.edu/MCCAnnualMeeting](http://events.anr.msu.edu/MCCAnnualMeeting)

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### Making Cover Crops Work - Experiences from the Field

**Morning Joint Session**

8:30-8:45  
Welcoming Remarks  
Ron Hendrick, Dean of the College Agriculture and Natural Resources  
Michigan State University

8:45-9:45  
**Keynote: Cover Crop Termination:** Considerations when selecting herbicides and the potential for resistance  
Dale Shaner, Retired USDA-ARS—University of Colorado

9:45-10:00  
Morning Break / Vendor Time

**Concurrent Sessions**

Sessions will feature presentations about experiences from the field on making cover crops work delivered by a researcher/educator and farmer team. Three tracks will provide cover crop information on field crop, vegetable crop and forage/grazing systems. Each session includes ample time for questions from the audience.

### Morning Concurrent Session Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Track 1</th>
<th>Track 2</th>
<th>Track 3</th>
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| 10:00-10:45 | Nathan Johanning /Adam Dahmer (IL) Challenges and successes of no-till and cover crops in Southern Illinois | Ben Phillips/Mike Yancho Jr. (MI) I can’t believe it’s not butternut on plastic! Year two rye cover and fertility | Mike Buis (ON)  
Lessons from over 10 years of grazing cover crops in beef production |
| 10:45-11:30 | Anita Dille/Josh Lloyd (KS) Use of cover crops for weed suppression in field crops in Kansas | Ajay Nair (IA) tentative Cover crops and conservation tillage systems in organic broccoli, peppers and squash | Rachel Martin/Jon Nelson (MI) Cover crops & forage-finshed beef: A 3-year study of forage quality |
| 11:30-12:15 | Fred Warner/George Bird (MI) Interactions between cover crops and nematodes in diverse MI field crops | Laura Van Eerd (ON) Long-term cover cropping in conventional vegetable systems. Soil health & tilling | Kevin Shelley (WI) Winter rye cover crop and forage comparison in Wisconsin – five year results |

12:15-1:15  
Lunch / Vendor Time

### Afternoon Concurrent Session Schedule

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<th>Track 2</th>
<th>Track 3</th>
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<tr>
<td>1:15-2:00</td>
<td>Lisa Holscher (IN) How Indiana moved from 184,000 acres of cover crops to 1.1 million acres in 5 years</td>
<td>Nathan Johanning (IL) Experiences with cover crops and no-till vegetables production in southern IL</td>
<td>Richard Ehnhardt (MI) Grazing cover crops and small ruminants</td>
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<tr>
<td>2:00-2:45</td>
<td>Dave Hooker (ON) tentative Long-term experiment in diversity and cover crops in corn-soybean-wheat rotation</td>
<td>Dan Brainard/Ben Werling / Ralph Ooman (MI) Mustard family cover crops pest management in vegetables</td>
<td>Jerry Lindquist/Chris Harrington (MI) Grazing multi specie cover crops with beef cattle – the MI experience</td>
</tr>
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### Afternoon Joint Session

2:45-3:30  
Afternoon Break / Poster Session / Vendor Time

3:30-4:30  
**Interseeding Cover Crops into Field Crops Systems: Geography makes a Difference**  
Karen Renner – Michigan State University  
Marisol Berti – North Dakota State University

4:30-4:45  
Conference Wrap-up  
Closing Remarks  
Dean Baas, Michigan State University Extension
MANAGING FARM STRESS
WORKSHOP

Farmers and those within the agricultural industry have a tendency to be eternal optimists, but with all of the variability in agriculture, there are times when we can become overwhelmed and stressed more than usual.

January 20, 2017
10 a.m. - 2 p.m. (lunch included)
AgroLiquid
3055 W. M-21, St. Johns

MSU Extension has developed a workshop specially designed for people who work with agricultural producers and farm families who want to know more about managing farm-related stress and learn ways to approach and communicate with those in need.

The workshop will include:
• Adam Kantrovich discussing the present agricultural market situation with an overview of how this has affected a farm’s financial situation and cash flow.
• Roger Betz discussing his experiences working with farm families that are under financial distress.
• Suzanne Pish highlighting the detrimental impact of stress on our body and state of mind, providing information on how to recognize some of the warning signs of depression, self-harm and mental illness.

To register, go to www.events.anr.msu.edu/ManagingFarmStressClinton16 or call 989-224-5241.

MICHIGAN STATE UNIVERSITY Extension
Visit msue.anr.msu.edu/managIngfarmstress
Irrigated Field Crops Update

Friday, Jan.6, 2017, 8:30 am - 12:00 pm - Farm Services, Inc., 4840 N. Greenville Rd., Lakeview MI call 989-352-8411
Monday, Jan. 23, 2017, 8:30 am - 12:00 pm - Michigan Valley Irrigation, 2071 Main St., McBride, MI
RSVP to 989-762-5028 or via email @ mvlakeview@gmail.com.
Tuesday, Jan. 24, 2017, 8:00 am - 3 pm - Holiday Inn Kalamazoo West, 2747 S. 11th St., Kalamazoo MI, to make a reservation call Koviack Irrigation 269-273-3010 by Friday, January 13, 2017 **
Friday, Jan. 27, 2017, 8:30 am - 12:00 pm - Michigan Valley Irrigation, 14265 Beadle Lk. Rd., Battle Creek, MI
RSVP to 269-565-4426 or via email @ frontdesk@mvidc.com
Thursday, Feb. 9, 2017, 8:30 am - 12:00 pm - Advance Farm Supply, 450 8th St., Burr Oak, MI call 269-489-5031
Friday, Feb. 10, 2017, 8:30 am - 12:00 pm - Co-Alliance, 16724 Bakertown Road, Buchanan, MI
RSVP to 269-695-6823 or via email @ carl.wagner@co-alliance.com

The meeting will earn participants two Certified Crop Advisor Soil & Water Management credits, 0.5 CCA crop management credits and a phase 1 credit Michigan Agricultural Environmental Assurance Program. Application has been made for two Restricted Use Pesticide credits.

**The Koviack Irrigation meeting at the Holiday Inn West in Kalamazoo will continue after lunch with an industry representative from Zimmatic Irrigation.

Welcome—Host Business

- Integrating checkbook irrigation scheduling with soil moisture monitoring (Steve Miller/Lyndon Kelley)
  - Checkbook irrigation scheduling and Soil moisture monitoring
  - Interpreting and integrating results

- Michigan water policy and irrigation implications (Steve Miller/Lyndon Kelley)
  - Michigan riparian doctrine, water rights conflicts
  - Michigan Large Volume Water Withdrawal (LQW) Registration and reporting system
    - Water Withdrawal Assessment Tool and site-specific review process
  - Unregistered (LQWW) -new opportunities.

- Using irrigation for fertilizer and chemical application (Steve Miller/Lyndon Kelley)
  - Chemigation equipment, backflow and required safety equipment
  - Irrigation for germination and incorporating chemicals

- Irrigated crop management (Bruce MacKellar or local field crops educator)
  - Achieving adequate stands and hybrid selection in irrigated or highly productive corn
  - Managing Nitrogen, Sulfur, Phosphorus, and Potassium in irrigated soils
  - Emerging Pest Problems

Irrigators, crop consultants, irrigation industry professionals and agricultural agency personnel can all benefit from this program.
Growers, consultants and agribusiness professionals are invited to participate in a series of seven online programs addressing field crop production and pest management in 2017. Participants will learn how to enhance their corn, soybean, small grain, forage and potato production systems in the coming season, and have an opportunity to ask questions of MSU agriculture experts. These live webinar programs can be viewed independently online. Registration is $15.00 for the full series of seven webinars or $5.00 per individual webinar session. One MDARD Pesticide Recertification Credit will be available through each event for application to one of the following categories: Private Core, Commercial Core, or Field Crops.

All programs will be held Monday evenings 7pm-8pm EST

**February 13**th
- Resurgence of Western Bean Cutworm
  Dr. Chris Difonzo, MSU

**February 20**th
- Controlling Resistant & Troublesome Weeds
  Dr. Christy Sprague, MSU

**February 27**th
- Soybean SDS & Wheat Stripe Rust Mgmt.
  Dr. Martin Chilvers, MSU

**March 6**th
- Selecting Wheat Inputs Wisely
  Dennis Pennington, MSU

**March 13**th
- Nutrient Mgmt. Research in Field Crops
  Dr. Kurt Steinke, MSU

**March 20**th
- Soil Fertility for Forage Production
  Dr. Kim Cassida, MSU

**March 27**th
- Cover Crops for Potato & Soybean Systems
  Dr. Erin Hill, MSU

Visit [events.anr.msu.edu/FieldCropsWebinarSeries2017](http://events.anr.msu.edu/FieldCropsWebinarSeries2017) to register and access connection information.

Contact James DeDecker at (989) 734-2168 or dedecke5@msu.edu for more information, or by February 6th, 2017 to request accommodations for persons with disabilities.

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Farms Will Need To Focus On Their Business Profitability in 2017

Visit District Farm Management Educator Dennis Stein’s website (https://msu.edu/~steind/) for farm management tools, such as:

- **Crop & Livestock Budget Estimates**
- **2017 Custom Machine & Work Rate Estimates**
- **Rental Agreements**
- **Commodity Marketing & Business Resources**

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**MSUE News for Field Crops**
msue.anr.msu.edu/topic/info/field_crops

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Accommodations for persons with disabilities may be requested by contacting the MSU Extension office at (989) 317-4079 at least 7 days prior to the scheduled event to ensure sufficient time to make arrangements. Requests received after this time will be met when possible.

Paul Gross, Extension Ag Educator
grossp@anr.msu.edu

Nonie Gross, Secretary
Kara Lynch, Extension Educator
Sabrina McGee, SNAP-ED PI
Kristi Schreibler, 4-H Program Coordinator
Belinda Laughlin, Master Gardener Coordinator