

MISSOURI YOUNG FARMERS

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**Save the Date:
Young Farmer
State Convention:
Feb. 5-6, 2016
in Columbia**

*Background Photo by JoAnn
Diffenderfer.
See more photos by
JoAnn of the Summer
Tour on pages 4-5.*



Chillicothe Members Enjoy Young Farmers

Meet the Lowreys. Derek is a fifth generation farmer from Laredo. Sarah was raised on a small farm in Bethany. They are pictured above with their child Macey, who is 17 months old. Both both belong to the Chillicothe Young Farmers Chapter. Derek farms with his father and younger brother. The family raises corn, soybeans, background cattle, and has a sizeable haying operation.

Sarah is a Farm Loan Officer for the Grundy County Farm Service Agency and aids beginning and at-risk farmers to secure agricultural financing. "Our favorite memory from Young Farmers is visiting with other farmers at state convention about running their farm operations," says Sarah. In their spare time, Derek collects and restores John Deere two cylinders, and Sarah enjoys horses and participates in team and ranch sports. She also helped make a quilt that was auctioned at the state convention.

"We would like to tell readers that even though this is the computer age, that Young Farmers is a great organization to be involved with and a great way to network with other farmers," says Sarah. "We have received the most valuable information by talking with other farmers who are out in the field making management decisions on a daily basis."



FRESH PERSPECTIVES



FCS Financial & Farm Credit 100 Fresh Perspectives Search

FCS Financial and Farm Credit have proudly supported the men and women of rural communities and agriculture during the last century, and we appreciate the vision it takes to remain successful over time in rapidly evolving, thriving rural industries. As we enter our 100th year, we are launching Farm Credit 100 Fresh Perspectives: a search to identify 100 leaders who are shaping the future of rural America and agriculture. As part of this effort, Farm Credit will contribute \$100,000 to further the efforts of 10 distinguished honorees.

How to Enter

Do you know a dynamic leader with a fresh perspective in one or more of the categories below?

1. Consider: Identify the category or categories that best represent your nominee's area of influence.

2. Click: Go to FCSFinancial100.com for entry materials.

3. Complete: Submit a nomination form and short essay. Nominations accepted until December 18, 2015.

Selection and Recognition

A panel of experts on rural matters, including Farm Credit leaders and representatives from around the agriculture industry, will evaluate and select the top 100 honorees who showcase the ability to build appreciation for rural communities and agriculture, and further contribute to a vibrant future for rural America.

Farm Credit 100 Fresh Perspectives honorees will have the opportunity to share their stories, inspire with their vision and demonstrate their leadership through several opportunities during Farm Credit's centennial year.

The final 100 honorees will be announced in the spring of 2016. Of these, 10 distinguished honorees — one from each nomination category — will receive a \$10,000 award to help further their contributions to a thriving rural America. These individuals will also be recognized at a special event in Washington, D.C., in 2016.

We know infinite fresh perspectives are innovating in rural communities and agriculture. We appreciate your help in bringing them forward to share their stories.

Categories

Farmers and ranchers, as well as individuals who represent other agribusinesses, cooperatives, academic institutions, government agencies, community and nongovernment organizations will be recognized in the following categories:

Leadership (over 21)

Youth Leadership (21 and younger)

Rural Policy Influence

Beginning Farmer or Rancher Achievement

Entrepreneurship and Innovation

Sustainability and Natural Resource Conservation

Financial Stewardship

Mentoring and Volunteerism

Agriculture Education and Community Impact

Rural and Urban Connection

Nominate a leader today at FCSFinancial100.com



The President's Pen

Greetings from Central Missouri. I hope everyone got to plant all of their corn and soybeans this year. I know of a lot of acres that did not get planted.

We recently had our Missouri Young Farmers/Young Farm Wives State Tour at Mexico, Missouri. It was a very well planned tour. The tour stops were very interesting and informative. I would like to thank all of our sponsors for their support and all those that helped with the tour stops. Thanks to all the Mexico chapter members.

Well, haying season is in full swing as I write this, and I see a lot of hay being mowed and baled. I know the hay season is a little late due to all the rain we had. I hope everyone got their hay baled.

We are planning the State Convention that will be February 5-6, 2016, at Columbia. We are planning a mini tour for Friday and several interesting workshops Saturday. I hope everyone can attend.

See you in Columbia in February!

Your MYF/YFW president,
Robert A. Chrisman



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Summer Tour Highlights Mexico



The 2015 Missouri Young Farmer/Young Farm Wives Summer Tour was hosted by the Mexico Young Farmers on July 30 to Aug. 1. Tour photos, supporters and stops are featured on the next two pages. Thanks to all who donated and volunteered to put on an excellent 2015 tour!



Thanks to our 2015 Summer Tour Supporters:

Meals:

- Mexico Young Farmers
- Eddie Sydenstricker
- Mexico FFA
- Audrain Cattlemen
- MFA Agriservices
- Farm Credit Services
- Missouri Farm Bureau

Tour Stops (on next page)

Other Donors:

- MFA Foundation
- Poet
- Ennis Implement

Other Special Thanks:

- Missouri FFA chapters that were willing to bring students
- Attendees that made time in their busy schedules
- JoAnn Diffenderfer for Photography



Thanks to our 2015 Tour Stops

Danuser
 Missouri Plant Science Center
 Jaws
 Sygen
 Paul Dubbert
 Sydenstrickers
 Simmons Stables
 Joe Stuckensneider
 Mid America Biofuels/ADM
 MFA Tub Plant
 Brinker Farms
 Stanton Brothers



2015 Scholarship Winners

Congratulations to the 2015 MYF/YFW Scholarship winners. The students are pictured left with names, colleges and hometowns listed below.

Front Row

RayAnn Armstrong, NWMSU, Cameron
Natalie Hoehn, SEMO, Farmington

Back Row

Jonathan Rhoads, MSU, Springfield
Phillip Wattenbarger, MSU, Marshall
Rylyn Small, SEMO, East Prairie



Herbicide wind drift likely to increase with new soybean varieties

New soybean varieties resistant to weedkillers 2,4-D and dicamba are expected to be available to Missouri producers next year, pending regulatory review.

The new varieties offer more options for soybean producers contending with the growing number of weeds resistant to glyphosate and other herbicides. But there's a downside.

Use of these herbicides likely will increase the risk of drift and tank contamination, says Mandy Bish, senior research specialist at the University of Missouri.

"Spray tank contamination, especially with dicamba, is going to be a huge concern," Bish says.

Farmers spraying dicamba or 2,4-D should thoroughly wash spray tanks before using them to treat fields with crops that aren't resistant to those herbicides.

When cleaning spray tanks, the third time is the charm, she told visitors at a recent MU Extension pest management field day at MU's Bradford Research Center in Columbia.

A research team including Bish and MU Extension weed scientist Kevin Bradley found that a triple rinse—water, then ammonia, then water again—minimizes the risk of

injuring crops that aren't resistant to dicamba and 2,4-D, she said. Single- and double-rinse cleanings reduced yields.

Check operator manuals and the herbicide labels to learn how to properly rinse and clean sprayers after use, Bish says. Some machinery dealers suggest using commercial tank-cleaning products.

Pay special attention to boom lines in sag areas, she says. Work your way down the boom, checking for plugged nozzles. The last nozzle on the boom is where build-up is worst. Flush screens carefully. Even small amounts of residue can contaminate lines.

In addition to tank contamination, another concern is the risk of herbicides drifting from their intended targets, Bish says.

The Environmental Protection Agency says up to 70 million pounds of pesticide are wasted to drift each year.

Both 2,4-D and dicamba can cause significant economic loss for ornamental or commercial crop growers. "Good neighbors follow good practices," Bish says.

She advises producers to check wind speed and direction before spraying. MU's weather stations report real-time wind speeds to

help figure drift risk. Go to agebb.missouri.edu/weather/stations for weather data.

In general, drift risk lessens when herbicides are applied at wind speeds from 3 to 10 mph. But sometimes what appears to be a good day to spray, due to low wind, is possibly the worst, Bish says.

Temperature inversions, when air near the ground is cooler than the air above, can happen when winds are less than 2-3 mph.

Spray particles hang in the air instead of reaching plants. Dew can prevent spray from being absorbed. "Dicamba and 2,4-D are more volatile than many other herbicides and more prone to move off-target due to temperature inversions," Bish explains.

Dew or frost, horizontal smoke patterns, ground fog in low-lying areas and clear skies in the evening indicate possible inversion.

Pesticide applicators and beekeepers can view www.driftwatch.org, an online registry of the locations of sensitive crops.

Using color-coded flags is another method to alert growers to the type of soybean being grown in

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National Institute will Highlight Charleston Area

Register now for the National Institute in Charleston. The brochure is below. Visit nyfea.org for more information.

2015 NYFEA Institute December 9th – 12th, 2015 Charleston, South Carolina - Registration Form



Hotel:

Charleston Marriott, 170 Lockwood Blvd., Charleston, SC 29403. Phone: hotel direct 843-723-3000, Reservation direct 800-228-9290

Hotel webpage: www.marriott.com/hotels/travel/chsmc-charleston-marriott/

Note: NYFEA attendees notify the hotel of desire for NYFEA Institute rate (\$119 / night - until block is filled or deadline of 11/18/2015).



Schedule

Wednesday, Dec. 9

- 1:00 PM NYFEA Board of Directors
- 4:00 PM NYFEA Delegates Meeting
- 6:30 PM Executive Secretaries Dinner Meeting

Thursday, Dec. 10

- 7:00 AM Breakfast
- 8:00 AM Charleston Tours
- 1. Charleston Tea Plantation - 2. Angel Oak - 3. Clemson University Coastal Research Center -
- 4. Lunch on their own (\$10 cash) and Downtown Charleston Tours
- 6:00 PM Dinner on the Yorktown Aircraft Carrier, Patriot's Point, Charleston Harbor

Friday, Dec. 11

- 6:00 AM Breakfast
- 7:00 AM South Carolina Agricultural Tours
- 1. Ellore Gin Company - 2. Carolina Peanut Co. - 3. Rast Farms - 4. Haigler Farms - 5. Lunch at Lone Star Barbecue - 6. Tour of Middleton Plantation - 7. Tour of Charleston Ports
- 6:00 PM Dinner and Tour at Boone Hall Plantation

Saturday, Dec. 12

- 7:00 AM NYFEA Delegate Meeting
- 8:00 AM Breakfast and Ag Decision Makers College featuring insight on SC Agriculture
- 10:00 AM Ag Communication Award Program
- 11:30 AM Salute to South Carolina Lunch
- 1:30 PM Conclusion of Ag Communication Award Program
- 4:30 PM NYFEA Live Auction
- 6:00 PM Evening Activities – Banquet and presentation of John Deere Ag Communication Award
- 8:00 PM Entertainment – Nashville Recording Artist & SC FFA Alumni; Doug McCormick



Register On Line at NYFEA website www.nyfea.org and click on **Institute Brochure**

If a computer is not available, you can mail Registration Form and Registration Fees (payable to NYFEA) to:

NYFEA: P. O. Box 20326, Montgomery, AL 36120

Early Bird Registration Deadline: October 15, 2015 (Late registration add \$25 to cost)

Name(s): _____ YF State: _____ Area: _____ Chapter: _____

Address: _____ City, State and Zip: _____

Email Address: _____ Phone: (____) _____ - _____

(Registration will be confirmed utilizing email)

NYFEA Attendance to all events: \$295 each # _____ @ \$295 = _____ **NYFEA**

Weekend Rate # _____ @ \$195 = _____

(great for SC Young Farmers and others who want to get away for Friday / Saturday only)

NYFEA Daily Rate is \$110 each day Thursday # _____ @ \$110 = _____

NYFEA Daily Rate is \$110 each day Friday # _____ @ \$110 = _____

NYFEA Daily Rate is \$110 each day Saturday # _____ @ \$110 = _____

NYFEA Student Rate is \$265 all events # _____ @ \$265 = _____

(Students must attend AG Decision Makers College & YALE on Saturday. Student rate includes 3 nights hotel and registration. Students must be willing to share a room if the room rate component is included)

Child Registration (under age 10) # _____ @ \$50 = _____

Child Registration (age 10 – 15) # _____ @ \$175 = _____

Child Registration (16 +) # _____ @ \$295 = _____

TOTALS DUE: _____

If having trouble with registration, contact nyfea-main@nyfea.org or call 334-546-9951. The webpage is www.nyfea.org.

Missouri Farm to School Conference

Growing Together

October 20, 2015

University of Missouri's Bradford Farm,
4968 Rangeline Road, Columbia MO

University of Missouri Extension is hosting a statewide Farm to School conference. This one day conference will feature an exciting array of speakers that will discuss how schools and producers can work together to increase the amount of local products served in school meal programs. The conference will include time for school food service staff and local producers to meet and network. Local farmers, processors, distributors, school personnel and others interested in the use of local foods in schools should attend.

Register at: muconf.missouri.edu/farmtoschool/

Cost: \$30.00



Continued from page 6

a field. Each type of soybean is associated with a different color flag.

Be aware of nearby land when spraying, Bish says. Grapes for Missouri's \$1.6 billion wine industry are especially susceptible to 2,4-D damage in mid-April when grapes break bud.

To learn more about the potential impact of the off-target movement of 2,4-D and dicamba herbicides, go to weed-science.missouri.edu/extension/pdf/synthetic%20auxins2.pdf.

For more information about controlling drift, the MU Extension publication "Controlling Drift of Crop Protection Materials" (G1886) is available for download at extension.missouri.edu/p/G1886.

Upcoming Missouri Ag Events

MISSOURI AG CALENDAR

Thanks for dates provided by Missouri Department of Agriculture

2015

Sept. 10-Nov. 24: American Royal Livestock Show in Kansas City

Oct. 2-4: Ozark Farmfest in Springfield

Oct. 3: Harvest Fest in Jefferson City

Nov. 5-8: AFA Leaders Conference and A LOT Meeting in Kansas City

Nov. 15-16: MO-AG Conference in Columbia

Dec. 16-18: Governor's Conference on Agriculture in Osage Beach

Wurdack Field Day at Hugo Wurdack Research Center, Cook Station

October 5: Horticulture and Agroforestry Research Center Field Day, New Franklin

2016

Feb. 9: Missouri Pork Expo

February 5-6: Missouri Young Farmers State Convention

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