Greetings to all Carroll County Agriculture and Natural Resource Enthusiasts and a Happy New Year’s 2015!

I hope that everyone had a great holiday season. I am excited that this month marks the one year anniversary of this newsletter and I hope that you are finding the information contained in each one both informative and useful. As I look forward to 2015, I have been busy putting together a host of education programs for this winter. Below you will find a list of the programs being offered that will be held here in the county as well as a few outside the county that I am teaching at. Additional details for all the programs are listed in this newsletter but can also be found on our newly updated Carroll County Extension website at carroll.osu.edu.

I hope that you will make plans to attend at least one program over the next couple months. My goal is to provide you with topics and subjects you find interesting as well providing you with current, up to date information in areas that affect your daily lives. If you have questions about any of the events or programs mentioned in this newsletter, please contact me at 330-627-4310 or email at smith.10015@osu.edu.

Winter Programs

2014 Farm Bill – Crops Program
Agronomy Webinars
2015 Ohio Beef Cattle School
Sheep and Goat Webinars
Tri-County Agronomy Day
Pesticide Exam (For New Applicators)
Pesticide Recertification Class
(Carroll and Columbiana Counties)
Fertilizer Training Class
Backyard Food Production Classes
North East Ohio Women In Ag Conference
Small Farms Conference
Livestock Selection and Management Classes for Junior Fair

I wish you the best for the New Year and I am looking forward to a great 2015 here in Carroll County.

Sandy Smith
The 2014 Farm Bill created program choices requiring land owners and producers to make several important decisions regarding their farms. The new legislation provides an opportunity to update program yields (formerly called base yields) and to reallocate program acres (base acres) to better reflect recent planting histories. Additionally, farmers can elect ARC-Individual, ARC-County, or PLC for their farm. This meeting will explain the basics of the program choices and introduce terminology used in the programs. The Farm Service Agency will also be in attendance to provide details on signing up and FSA rules.

The meeting will be held on Wednesday, January 21st from 6:30 – 8:30pm at the Carroll County Library. Pre-registration is requested in order to have materials for everyone. Please call the Carroll County Extension office to register.

**2015 Ohio Beef Cattle School**

**LOCATION**
Carroll County Extension Office
**TIME:** 7:00pm

- **January, 27th**
  - Capitalizing on the Historic Beef Economy
  - The Future of Antibiotic Use in Beef Cattle
- **February 10th**
  - Sustainable Beef Production
  - Manure Management & Fertilizer Applications Issues for Beef Producers
- **February 24th**
  - Beef Animal Handling & Facility Design
  - Forage Evaluation & Making Quality Dry Hay, Balage, & Silage

**PRE-REGISTRATION IS REQUIRED.** The registration fee is $10.00 per person per program and will be collected at the door. The registration fee is to help defray the cost of the program, handouts and light refreshments. Call the Carroll County Extension office to register at 330-627-4310. **Please note:** There must be at least 5 people registered by the Monday before each date in order for the class to be offered. You will be notified if the class is canceled.
3 hours of Pesticide Applicator Recertification Credits have been requested for attending. Current Pesticide Applicator License holders will receive their Fertilizer Certification by attending the afternoon sessions.

SCHEDULE OF EVENTS

8:30 am to 9:00 am
Registration and Refreshments

9:00 am to 12:00 pm
Pesticide Recertification Classes

12:00 pm to 1:00 pm
Lunch

1:00 pm to 4:00 pm
Fertilizer Certification Classes

Thursday
February 19, 2015
9:00am to 4:00pm

LOCATION:
Ohio FFA Camp Muskingum
3266 Dyewood Road, SW
Carrollton, OH  44615

Attention Farm Bureau Members:
As a benefit of your Ohio Farm Bureau membership you will receive a $10.00 discount for the program. Please provide your membership number when registering for the event.

PRE-REGISTRATION is REQUIRED. Cost for the day is $35 per person and lunch is included. Registration deadline is February 12th. You may call to pre-register at 330-627-4310 and pay at the door. Please have your Farm Bureau membership number available when registering. Make checks payable to OSU Extension. Please note that credit cards cannot be accepted. If you currently hold a Pesticide Applicator license and wish to receive your Fertilizer Certification you may attend the afternoon fertilizer sessions at no cost. Please call to register.

We gratefully acknowledge the continued help and financial support of our County Commissioners in Carroll and Jefferson Counties.

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: http://go.osu.edu/cfaesdiversity
2015 Sheep and Goat Webinar Series
Sponsored by: Ohio Sheep Improvement Association, OSU Sheep Team and OSU Extension
TIPS to Continue on the Roadmap to Productivity Improvement

February 2nd
Tips for Fine-Tuning Your Flock/Herd FAMACHA Program
-Clif Little, ANR Educator OSU Extension, Guernsey County

February 9th
Tips for Managing Major Sheep & Goat Diseases: OPP, CAE, Caseous Lymphadenitis, Johnes, Scrapie & Cache Valley Virus
-Dr. Eric Gordon, Associate Professor, OSU Veterinary Clinical Medicine

February 16th
Tips for Reducing Feed Losses From Silage & Hay
-Dr. Bill Weiss, Ohio State University, Animal Sciences

February 23rd
Tips for Improving Lambing & Kidding Percentages
-Dr. Susan Schoenian, University of Maryland Small Ruminant Specialist

The sessions will run from 7:00pm to 9:00pm each evening. Sign-in before each session will begin at 6:30pm and will allow some time for discussion, comments and questions before the formal program begins. See below for Registration Information.

2015 Agronomy Webinars

Tuesday, February 3rd
6:30 to 8:00pm
Agronomic Practices to Maximize Soybean Yield and Late Season Soybean Pest Issues

Tuesday, February 17th
6:30 to 8:00pm
Corn Interaction with Today’s Production Management Systems And What is the Latest on Ear Molds & Mycotoxins?

Tuesday, March 24th
6:30 to 8:00pm
Expectation of Manure Sourced Nutrients to Meet Crop Need and Alternative Applications Timing to Take Advantage of Nitrogen

PRE-REGISTRATION IS REQUIRED for both events listed above. The registration fee is $5.00 per person per session and can be paid at the door. The registration fee is to help defray the cost of program handouts and light refreshments. Please call the Carroll County Extension office to register at 330-627-4310. Please Note: There must be at least 5 people registered the day before each date in order for the session to be offered. You will be notified if the session is canceled.

Grazing Workshop
Thursday
January 22nd at 6:30pm
Location: Carrollton Ponderosa
Presented by the Eastern Ohio Grazing Council

This month’s topic will be: “Winter Pasture Damage & Feeding Systems to Avoid It!”
- Stockpiling for Winter Feeding
- Set Stock Bales
- Utilizing a “Sacrifice Area”
- Heavy Use Pads & Un-Rolling

Please come early to eat prior to the meeting. For additional information please contact Carroll SWCD at 330-627-9852.

2015 Ohio Maple Days

January 23rd
Wayne/Holmes County
8:00am to 4:30pm
This annual event is a great way to stay up to date! Pre-Registration is required for this event in. It will be located at the Mennonite Christian Assembly Church, 10664 Fryburg Rd, South of Fredrickburg. Call 330-263-3831 to register.
East Ohio
Women in
Agriculture
Conference

Who should attend:
Women and Young Women (high school age) who are interested, involved, or want to become involved in food, agriculture, natural resources, or small business.

2012 USDA Census data showed that the number of women farm operators was significantly large for our area of the state. Of the nineteen Ohio counties with over 500 women operators, ten are located in eastern Ohio including Ashtabula, Columbiana, Coshocton, Guernsey, Holmes, Medina, Muskingum, Stark, Washington and Wayne counties. Wayne County is largest in the state with over 800 women farm operators.

AGENDA
9:00 Registration, Network Fair & Breakfast
9:30 Welcome, Dr. Jacqueline Kirby Wilkins
10:00 Breakout 1
11:00 Breakout 2
12:00 Buffet Lunch
12:45 Key Note: Kristi Wilhelmy
1:40 Breakout 3
2:40 Closing and Door Prizes

Friday
March 27, 2015
9 A.M. – 3 P.M.

Kent State University at Tuscarawas
Founders Hall
330 University Drive NE
New Philadelphia, OH 44663

$55 adults/ $30 Students

Registration Deadline: March 13

For more information:
740-622-2265

Register online with credit card at www.regonline.com/womeninageast or complete and send this registration form.
Break Out Tracks & Sessions

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<tr>
<th>Track</th>
<th>Business &amp; Finance</th>
<th>Production – Made/ Grown</th>
<th>Entrepreneurial</th>
<th>Family &amp; Community</th>
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<td>Breakout Session 2</td>
<td>2-A Ready, Set, Go – Dianne Shoemaker, OSU Extension Field Specialist. Use your farm records to their full potential. Learn how farm analysis can improve your management.</td>
<td>2-B AgriAbility – Andy Bauer, OSU Extension, Ag Safety and Health. Not all Ag equipment is built with a woman in mind. Learn how to make it work for you!</td>
<td>2-C Dealing with the Daily Dilemmas of running a business. Same panel as 1-C. More tips and tricks and honest truth from our agri-business owners.</td>
<td>2-D Fresh Picked! Produce Protection – Linnette Goard, OSU Extension Field Specialist. Keep your garden and farm market produce safe from harvest to home.</td>
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<td>Breakout Session 3</td>
<td>3-A QuickBooks/Quicken: Finances &amp; Production Records – Bruce Clevenger, OSU Extension, Defiance Co. Poor record keeping can hurt your business. Learn how good record keeping can benefit you!</td>
<td>3-B Backyard Poultry – Sandy Smith, OSU Extension, Carroll Co. Chickens, ducks and more! Oh, my! Learn what it takes to have your own backyard poultry flock.</td>
<td>3-C AgriTourism – Deanna Vickery, Rivercrest Farm &amp; Event Center. Do others want to “visit” your agri-business? Hear how this business moved from small farm to popular desitination.</td>
<td>3-D History of Aprons – Kate Shumaker, OSU Extension, Holmes Co. Just for fun! Aprons are part of the “fabric” of our history. From the practical to the pretty – let’s tell their story.</td>
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<td>Special Youth Session</td>
<td>1-Y &amp; 2-Y (Note this session takes place during Breakout Sessions 1 &amp; 2) Young Women in Agriculture – Sydney Snyder, Ohio State FFA President; Caroline Miller, FFA District 4 President: Megan Whalin, FFA District 10 President</td>
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Registration Form

Name ____________________________________________
Address __________________________________________
Phone __________________________ Email __________________________
Breakout Sessions: 1 __________ 2 __________ 3 __________

Payment Enclosed: $ __________ for _____ Adult(s) and/or _____ Student(s)

Please register on-line with credit card at www.regonline.com/womeninageast or mail registration and payment to: OSU Extension, Coshocton Co, 724 S. 7th St, Coshocton, OH 43812

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: http://go.osu.edu/cfaesdiversity

The Small Business Development Center Program of Ohio (SBDC) program is funded in part through a cooperative agreement with the U.S. Small Business Administration. The SBDC program is also funded in part by the Ohio Development Services Agency. All opinions, conclusions or recommendations expressed are those of the author(s) and do not necessarily reflect the views of the SBA. Reasonable accommodations for persons with disabilities will be made if requested at least two weeks in advance. Contact Steve Schillig, District Director, at The Ohio Small Business Development Center at Kent State University at Tuscarawas, 330 University Drive NE, New Philadelphia, OH 44663 or 330-308-7479.
Agricultural Fertilizer Certification Training

Tuesday
March 10th
6:00 to 9:00pm

LOCATION:
Carroll County Extension Office

NOTE: This class is for producers who do NOT have their Pesticide Applicator License.

As a result of the agriculture nutrient management legislation, producers now have to obtain a Fertilizer Application Certification. This certification is required if you apply fertilizer (other than manure) to more than 50 acres of agricultural production grown primarily for sale. Please see the Nov/Dec 2014 issue of News & Views for additional information. (Available online at the following link: http://go.osu.edu/CarrollNewsandViews)

This class is FREE, but Registration is required. Please call the Carroll County Extension office to register at 330-627-4310.

Pesticide Applicators: For those producers who have an Ohio Pesticide Applicator license, certification can be obtained at the same time as your re-certification classes. Please see page 3 for an opportunity for you to earn the certification this year.

Pesticide Recertification Class

Monday
March 16th
6:00 to 9:00pm

LOCATION
Carrollton Friendship Center

Pre-Registration is required for this class. The cost is $35 and is payable the evening of the class. Please call the Extension office to register.

- This class is for applicators that are in need of their 3 credit hours to maintain their Pesticide License.
- If you would like to obtain your Agricultural Fertilizer Certification this year, please see Page 3 regarding Tri-County Agronomy Day. If you are unable to attend the entire day, you do have the option of attending only the afternoon session to meet the requirements for the Fertilizer Certification.
- A second class will be offered in Columbiana County on Wednesday, March 25th from 6:30pm to 9:30pm at 7989 Dickey Dr, Lisbon (Columbiana County Extension office). The cost of this class is $35 also. Please call the Carroll County Extension office for registration information.

Annual Dairy Banquet

The Annual Carroll County Dairy Banquet will be held on Saturday, March 7th at 12:00 noon at the Carrollton Friendship Center. Please call the Carroll County Extension Office (330-627-4310) to make a reservation before February 24th.

2015 Carroll County Dairy Princess Contest.

This contest is open to girls between the ages of 13-18 as of January 1st. There will be a Dairy Princess and a Runner Up chosen. Please call Tracy Evans at (330-771-3171) for an application. Interviews will be held prior to the banquet on March 7th.

2015 Ohio Beef Expo

Ohio Beef Expo will be March 20 thru March 22nd at the Ohio Expo Center in Columbus. This event showcases products like farm products, animal nutrition products, hay products, dairy newspaper, livestock supply, agricultural products and more.
Backyard Food Production Program

The Carroll and Harrison Soil and Water Conservation Districts, and NRCS along with OSU Extension will be offering a series of programs on Backyard Food Production for 2015. This is a great program for Gardeners of all skill levels.

Topics:
- Choosing a Garden Site
- Seed Selection and Propagation
- Planting Trees
- What Do I Do With These Cover Crops?
- What to Plant in Your Low Tunnel for a Spring Harvest

Thursday
March 12th
6:00PM

LOCATION:
SWCD/OSU Extension Office
613 North High Street
Carrollton

Due to the success of this program last year, we have expanded to include many new topics as well as additional “hand’s on” activities. This program encourages the utilization of your backyard or unused green space for food production while creating wildlife habitat and supporting the conservation of our natural resources.

Please call to register for all workshops so that we may have handouts available for all attendees. You may call the SWCD at 330-627-9852 or the Extension office at 330-627-4310 (You may call the day of the workshop to register).

Ohio Small Farm Conference

Saturday
March 28th, 2015

LOCATION:
ATI College Campus
Wooster, Ohio

This conference will give you the opportunity to choose from different seminars taught by extension professionals & industry leaders. There will be several different tracks to choose from and you can “mix and match” your sessions. Watch the next newsletter for details on how to register, cost and session descriptions. (Sandy Smith will be teaching a class on Backyard Poultry).

Quality Assurance Training

If you have children involved in the Carroll County Fair, following are the Quality Assurance Trainings for 2015. There will be 5 classes offered here in Carroll County. You will be required to pre-register for a class. Mark your calendar now to attend. Locations will be announced in the next newsletter.

- Monday, March 30th at 6:00pm
- Wednesday, April 15th at 6:00pm
- Thursday, May 14th at 7:00pm
- Thursday, June 4th at 7:00pm
- *Monday, June 15th at 6:30pm

*(There will be a $5 charge for EVERYONE attending this class)

With the exception of the June 15th class, the classes are FREE to Carroll County 4-H and FFA members. All attendees from other counties will be charged a $5 fee.

Livestock Selection & Management Classes

ANR Educator Sandy Smith will be teaching Livestock Selection and Management Classes for all Carroll County 4-H and FFA members. These classes are educational and will help youth choose healthy, quality animals that will allow you to be competitive at the Carroll County Fair. All classes will be held at the Extension office beginning at 6:30pm.

February 12th: Dairy Beef Feeder
February 25th: Swine
March 4th: Lamb/Goat
March 11th: Poultry
(Which will include Market Ducks)

This is a great opportunity for experienced members as well as those new to the project. Out of County and non-4-H/FFA members are welcome to attend for a $5.00 fee. Please call the office to register so that we can have enough handouts for everyone. You may register the day of the event.

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Carroll County Agriculture & Natural Resources

News and Views

DID EWE KNOW...)

**FEBRUARY is National Lamb Lover’s Month !!!**

- American lamb is *tender, delicious and available year-round.*
- American lamb is up to *10,000 miles fresher than imported lamb.*
- Lamb is an *excellent source of protein, vitamin B12, niacin, zinc and selenium.*
- On average, a 3-ounce serving of lamb has *only 175 calories.*
- American Lamb’s rich flavor doesn’t need a lot of seasoning...rub your lamb with a little **olive oil and season with salt and pepper.**
- You should try not to cut into lamb to check doneness—it releases the juices leaving the lamb dried out. **Use a good meat thermometer instead.**

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**SMOKY BARBECUED LEG OF AMERICAN LAMB**

recipe from americanlamb.com

**Ingredients**
- 5 pound butterflied American Lamb leg, trimmed
- 2 tablespoons chili powder
- 2 tablespoons paprika
- 1 tablespoon ground coriander
- 1 tablespoon ground cumin
- Salt and pepper, to taste
- 2 tablespoons honey
- 2 tablespoons ketchup

**Directions**

In a large bowl, whisk together chili powder, paprika, coriander, cumin, salt and pepper. Add lamb; toss to coat with the spices. Set aside for 1 hour.

Grill lamb over glowing coals (or a hot gas grill), or sear in an oiled grill pan over high heat until lamb is charred, 8 to 10 minutes. In a bowl, mix honey and ketchup. Turn lamb over; brush grilled side with honey glaze. Continue to grill until medium-rare (130°F), 8 to 10 minutes longer. Let rest for 10 minutes. Thinly slice lamb crosswise; serve with coleslaw.

**Servings:** 8
**Prep Time:** 10 Minutes
**Cook Time:** 20 Minutes

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Shale Gas Development and Your Drinking Water Supply

**Agenda:**
- Shale Gas Update for eastern Ohio
- Gas Well Drilling Basics (water use, hydro fracturing, waste water)
- Water Testing Strategies (baseline testing by industry, landowner testing)
- Management of Private Water Wells & Springs
- Analyzing Water Test Reports

**PRE-REGISTRATION IS REQUIRED.** The registration deadline is January 16th. To register please call Sarah Cross at 740-264-2212 or email cross.421@osu.edu.

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We gratefully acknowledge the continued help and financial support of our Carroll County Commissioners;
Robert Wirkner, Thomas Wheaton and Jeffrey Ohler.

Ohio State University Extension embraces human diversity and is committed to ensuring that all research and related educational programs are available to clientele on a nondiscriminatory basis without regard to age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, or veteran status. This statement is in accordance with United States Civil Rights Laws and the USDA.

Keith L. Smith, Associate Vice President for Agricultural Administration; Associate Dean, College of Food, Agricultural, and Environmental Sciences; Director, Ohio State University Extension; and Gist Chair in Extension Education and Leadership.