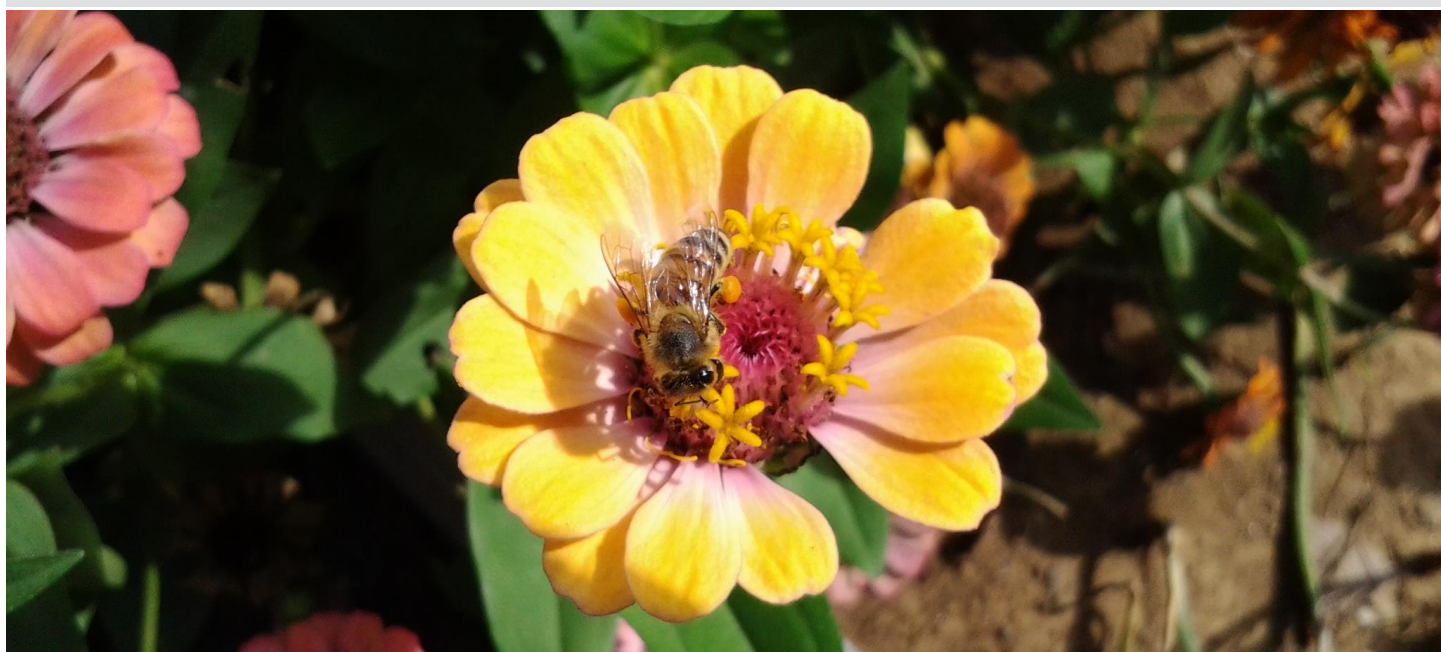


NEWSLETTER

NOBLE COUNTY AGRICULTURE AND NATURAL RESOURCES

SEPTEMBER | 2016



Goodbye Summer. Hello Autumn.

Page 2: Crop Progress Reports
Pages 3-4: Market Reports
Pages 5 -12: Upcoming Events
Page 13: Grazing
Management After Drought
Page 14: Recipe &
Announcements and
Reminders

Noble County Extension Office
46049 Marietta Rd., Suite 2
Caldwell, OH 43721
Phone: 740-732-5681
Fax: 740-732-5434
Email: gelley.2@osu.edu
URL: noble.osu.edu

Dear Readers,

It won't be long before the Autumn Equinox is upon us. September 22nd is the first official day of fall. You can already feel the change in the air. The change of the seasons always seems bittersweet to me. The dog days of summer are gone and crisp autumn days are on the way. So are many area events and festivities! This month's newsletter is packed full of information about upcoming events. Be sure to mark your calendars and don't forget to RSVP if needed. I hope you made it out to the Noble County Fair, that you will find time to enjoy the warmth of the last days of this very hot and humid summer, and that the harvest season will yield good things for you and your loved ones.

Sincerely Yours,

Christine Gelley

Christine Gelley- OSU Extension Educator



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

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For more information: <http://go.osu.edu/cfaesdiversity>.



OH-CW3516

Ohio Crop Weather

August 29, 2016

Week Brings Rains, Severe Weather

The state received varied amounts of rain along with strong winds and tornadoes that caused limited damage, according to Cheryl Turner, Ohio State Statistician with the USDA's National Agricultural Statistics Service. The week started off dry, helping hay harvest and other field work. Scattered rains moved in by mid-week and lingered through the weekend. Western and northeastern portions of the state benefitted most. There were 5 days available for fieldwork for the week ending August 28th. Disease and insect pressure remained high for **corn** in many areas. Growers reported tip back on ears, the likely result of either unfavorable pollination conditions or early season nitrogen loss. **Soybean** progress continued to track along the five year average. **Hayfields** and **pastures** received a boost where rains were abundant.

Soil Moisture: Week Ending 08/28/16

| Item | Very short | Short | Adequate | Surplus |
|------------------------|------------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) |
| Topsoil moisture | 8 | 27 | 58 | 7 |
| Subsoil moisture..... | 11 | 29 | 56 | 4 |

Crop Progress : Week Ending 08/28/16

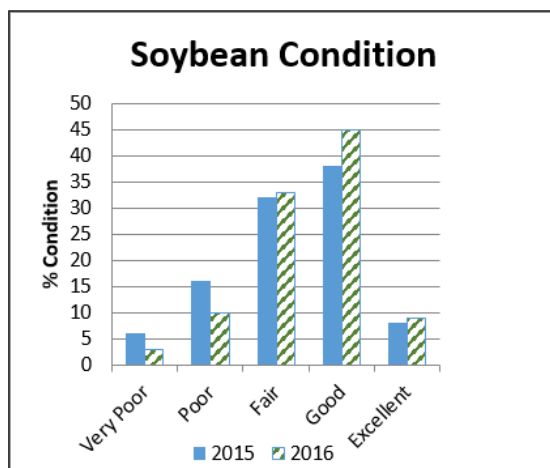
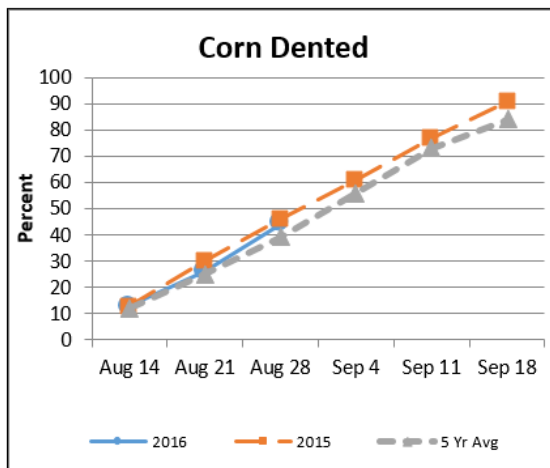
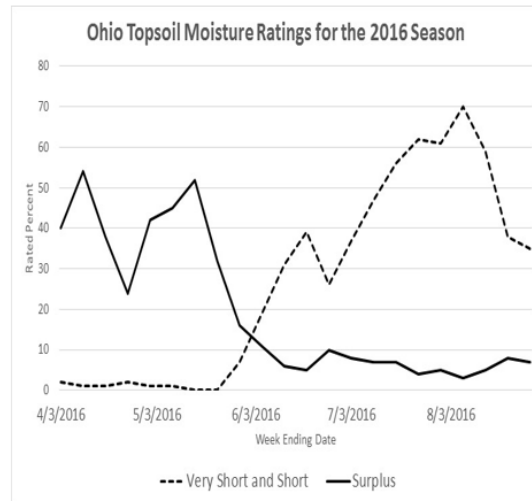
| Crop/Activity | Percent Completed | | | |
|--------------------------------|-------------------|-----------|-----------|----------------|
| | This week | Last week | Last year | 5 Year average |
| Days Suitable for Fieldwork .. | 5.0 | 3.4 | - | - |
| Corn Dough..... | 86 | 77 | 84 | 83 |
| Corn Dented | 44 | 26 | 46 | 39 |
| Corn Mature | 4 | 0 | 1 | 2 |
| Corn Harvested for Silage..... | 4 | 0 | 9 | NA |
| Soybeans Setting Pods | 95 | 92 | 94 | 94 |
| Soybeans Dropping Leaves..... | 4 | 0 | 2 | 5 |
| Alfalfa Hay 3rd Cutting | 82 | 75 | 72 | NA |
| Alfalfa Hay 4th Cutting..... | 11 | 0 | NA | NA |
| Other Hay 2nd Cutting..... | 88 | 86 | 80 | 93 |
| Other Hay 3rd Cutting..... | 39 | 28 | 31 | NA |

Crop Condition: Week Ending 08/28/16

| Crop | Very poor | Poor | Fair | Good | Excellent |
|-----------------------|-----------|-----------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Corn..... | 6 | 14 | 35 | 39 | 6 |
| Soybeans | 3 | 10 | 33 | 45 | 9 |
| Alfalfa Hay | 2 | 13 | 33 | 46 | 6 |
| Other Hay | 4 | 17 | 31 | 42 | 6 |
| Pasture and Range.... | 9 | 18 | 31 | 34 | 8 |

Media Contact: Cheryl Turner · (614) 728-2100

P.O. Box 30239 · Lansing, MI 48909-9983
(517) 324-5300 · (855) 270-2709 FAX · www.nass.usda.gov





Agricultural Prices

ISSN: 1937-4216

Released August 31, 2016, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Prices Received for Field Crops and Fruits – United States: July 2016 with Comparisons

| Commodity | 2011 Base Price | July 2015 | June 2016 | July 2016 |
|--|--------------------|-----------|-----------|-----------|
| Field crops | | | | |
| Austrian winter peas dollars/cwt | 19.50 | (D) | (D) | (D) |
| Barley, all dollars/bushel | 4.79 | 5.19 | 5.39 | 5.00 |
| Feed dollars/bushel | 4.59 | 2.97 | 3.37 | 3.18 |
| Malting dollars/bushel | 4.83 | 5.73 | 5.70 | 5.32 |
| Beans, dry edible dollars/cwt | 34.60 | 27.50 | 29.80 | 31.90 |
| Canola dollars/cwt | 23.10 | 18.10 | 18.80 | 16.60 |
| Chickpeas, all dollars/cwt | 35.70 | 29.90 | 30.40 | 33.80 |
| Large dollars/cwt | 39.20 | 30.60 | 34.90 | 33.90 |
| Small dollars/cwt | 23.40 | (D) | 28.50 | 33.30 |
| Corn dollars/bushel | 6.02 | 3.80 | 3.82 | 3.60 |
| Cotton, Upland dollars/pound | 0.880 | 0.693 | 0.590 | 0.613 |
| Cottonseed dollars/ton | 131.00 | (NA) | (NA) | (NA) |
| Flaxseed dollars/bushel | 14.20 | 11.50 | 8.44 | 8.48 |
| Hay, all, baled dollars/ton | 159.00 | 152.00 | 134.00 | 131.00 |
| Alfalfa dollars/ton | 176.00 | 172.00 | 142.00 | 140.00 |
| Other dollars/ton | 119.00 | 120.00 | 116.00 | 113.00 |
| Lentils dollars/cwt | 27.50 | 30.10 | 40.40 | 36.50 |
| Oats dollars/bushel | 3.42 | 2.33 | 1.98 | 1.89 |
| Peanuts, in-shell dollars/pound | 0.252 | 0.230 | 0.195 | 0.190 |
| Peas, dry edible dollars/cwt | 13.60 | 11.30 | 13.00 | 11.60 |
| Potatoes dollars/cwt | 9.78 | 8.62 | 9.83 | 9.23 |
| Rice, all dollars/cwt | 13.70 | 11.60 | 11.50 | 11.80 |
| Long dollars/cwt | 12.30 | 9.95 | 10.60 | 10.70 |
| Medium and short dollars/cwt | 18.40 | 17.40 | 13.90 | 14.60 |
| Sorghum grain dollars/cwt | 10.70 | 7.68 | 6.32 | 6.09 |
| Soybeans dollars/bushel | 12.50 | 9.95 | 10.20 | 10.20 |
| Sunflowers, all dollars/cwt | 29.00 | 26.40 | 20.10 | 18.90 |
| Wheat, all dollars/bushel | 7.44 | 5.23 | 4.20 | 3.75 |
| Winter dollars/bushel | 6.93 | 5.15 | 3.97 | 3.56 |
| Durum dollars/bushel | 9.22 | 8.74 | 6.50 | 6.47 |
| Other spring dollars/bushel | 8.33 | 5.15 | 4.61 | 4.48 |
| Hard red winter dollars/bushel | 7.07 | 5.21 | 3.84 | 3.32 |
| Soft red winter dollars/bushel | 6.77 | 4.69 | 4.45 | 4.16 |
| Hard red spring dollars/bushel | 8.38 | 5.13 | 4.61 | 4.48 |
| White dollars/bushel | 6.58 | 6.34 | 4.75 | 4.63 |
| Fruits | | | | |
| Citrus, equivalent on-tree | | | | |
| Grapefruit dollars/box | 7.47 | 9.33 | 13.78 | 15.26 |
| Lemons dollars/box | 12.30 | 37.34 | 30.43 | 27.74 |
| Oranges dollars/box | 8.16 | 10.79 | 8.51 | 8.28 |
| Tangelos dollars/box | 3.50 | (S) | (S) | (S) |
| Tangerines and mandarins dollars/box | 15.30 | (S) | (S) | (S) |
| Non-citrus, fresh | | | | |
| Apples ¹ dollars/pound | 0.325 | 0.190 | 0.382 | 0.401 |
| Grapes ¹ dollars/ton | 628.00 | 1,340.00 | 1,880.00 | 1,540.00 |
| Peaches ¹ dollars/ton | 507.00 | 937.00 | 785.00 | 1,030.00 |
| Pears ¹ dollars/ton | 559.00 | 635.00 | 1,050.00 | 866.00 |
| Strawberries dollars/cwt | 104.00 | 60.20 | 60.50 | 59.40 |

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received for Vegetables and Livestock – United States: July 2016 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

| Commodity | 2011 Base Price | July 2015 | June 2016 | July 2016 |
|--|--------------------|-----------|-----------|-----------|
| Vegetables, fresh ¹ | | | | |
| Asparagus dollars/cwt | 37.50 | (S) | 134.00 | (S) |
| Beans, snap dollars/cwt | 69.00 | (D) | (S) | 107.00 |
| Broccoli dollars/cwt | 41.60 | 38.20 | 49.30 | 36.40 |
| Cantaloupes dollars/cwt | 16.50 | 26.20 | 17.50 | 20.60 |
| Carrots dollars/cwt | 30.80 | 29.90 | 31.80 | 29.90 |
| Cauliflower dollars/cwt | 47.00 | 31.10 | 62.20 | 41.00 |
| Celery dollars/cwt | 22.50 | 17.10 | 18.80 | 17.70 |
| Corn, sweet dollars/cwt | 30.70 | 33.70 | 25.40 | 29.50 |
| Cucumbers dollars/cwt | 18.70 | 25.30 | 24.40 | 21.00 |
| Lettuce dollars/cwt | 24.30 | 18.80 | 25.90 | 26.00 |
| Onions ² dollars/cwt | 11.90 | 31.90 | 27.70 | 26.70 |
| Tomatoes dollars/cwt | 51.20 | 41.30 | 32.00 | 30.40 |
| Livestock | | | | |
| Calves dollars/cwt | 142.00 | 275.00 | 168.00 | 145.00 |
| Cattle, all beef dollars/cwt | 115.00 | 149.00 | 125.00 | 119.00 |
| Cows ³ dollars/cwt | 71.60 | 113.00 | 80.90 | 81.50 |
| Steers and heifers dollars/cwt | 117.00 | 150.00 | 127.00 | 120.00 |
| Milk cows ⁴ dollars/head | 1,420.00 | 2,030.00 | (NA) | 1,730.00 |
| Hogs, all dollars/cwt | 66.50 | 58.70 | 60.60 | 59.40 |
| Barrows and gilts dollars/cwt | 66.80 | 59.50 | 61.00 | 60.10 |
| Sows dollars/cwt | 57.90 | 40.00 | 49.20 | 44.50 |
| Dairy and poultry | | | | |
| Milk, all ⁵ dollars/cwt | 20.10 | 16.70 | 14.80 | 16.10 |
| Fat test percent | 3.71 | 3.61 | 3.68 | 3.65 |
| Broilers, live ⁶ dollars/pound | 0.459 | 0.510 | 0.580 | 0.520 |
| Eggs, all ⁷ dollars/dozen | 0.969 | 1.90 | 0.539 | 0.651 |
| Market ⁷ ⁸ dollars/dozen | 0.796 | 1.80 | 0.230 | 0.361 |
| Turkeys, live ⁹ dollars/pound | 0.680 | 0.848 | 0.865 | 0.866 |
| Adjusted for seasonal variation | | | | |
| Eggs, all dollars/dozen | 0.979 | 1.85 | 0.55 | 0.63 |
| Seasonal factor percent | 101 | 103 | 98 | 103 |
| Milk, all dollars/cwt | 20.20 | 17.20 | 15.20 | 16.60 |
| Seasonal factor percent | 100 | 97 | 97 | 97 |

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

¹ Point of first sale.

² Includes some processing.

³ Beef cows and cull dairy cows sold for slaughter.

⁴ Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

⁷ Mid-month price.

⁸ Also referred to as table eggs.

⁹ Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

Prices Received for Beef Cattle and All Hogs by Month – United States: 2016 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

| Month | Beef cattle ¹ | | | All hogs ² | | |
|-----------------|--------------------------|-------------------|-------------------|-----------------------|-------------------|-------------------|
| | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 |
| | (dollars per cwt) | (dollars per cwt) | (dollars per cwt) | (dollars per cwt) | (dollars per cwt) | (dollars per cwt) |
| January | 138.00 | 164.00 | 130.00 | 61.20 | 57.40 | 43.60 |
| February | 144.00 | 159.00 | 132.00 | 65.50 | 50.40 | 49.60 |
| March | 148.00 | 160.00 | 135.00 | 81.90 | 50.30 | 50.00 |
| April | 148.00 | 162.00 | 131.00 | 88.80 | 49.00 | 51.00 |
| May | 146.00 | 160.00 | 128.00 | 82.80 | 58.90 | 57.20 |
| June | 147.00 | 155.00 | 125.00 | 84.80 | 59.90 | 60.60 |
| July | 156.00 | 149.00 | 119.00 | 93.30 | 58.70 | 59.40 |
| August | 158.00 | 148.00 | | 83.20 | 59.00 | |
| September | 157.00 | 139.00 | | 75.70 | 54.50 | |
| October | 161.00 | 128.00 | | 77.00 | 55.50 | |
| November | 167.00 | 129.00 | | 66.70 | 45.90 | |
| December | 164.00 | 122.00 | | 64.30 | 42.80 | |

¹ Cows and steers & heifers.

² Barrows & gilts and sows.



Farm Science Review 2016

Farm Science Review (FSR) 2016 will be held Sept. 20-22 at the Molly Caren Agricultural Center near London, Ohio. Farm Science Review offers farmers and other visitors the opportunity to learn about the latest agricultural innovations from experts from the College of Food, Agricultural, and Environmental Sciences (CFAES) at The Ohio State University.

Farm Science Review offers visitors nearly 180 educational presentations and opportunities presented by educators, specialists and faculty from Ohio State University Extension and the Ohio Agricultural Research and Development Center (OARDC). Annually FSR draws between 110,000 and 130,000 farmers, growers, producers and agricultural enthusiasts from across the U.S. and Canada and offers more than 4,000 product lines from 630 commercial exhibitors. The full schedule of events and presentations is available online at <http://fsr.osu.edu> or at your county Extension office. **Advance tickets for the Farm Science Review are \$7 and are available until September 18th at the following Noble County locations: Noble County OSU Extension Office, L & H Tractor, Agland Co-op, Jones Feed, and M&M Feed and Supply.** Tickets are \$10 at the gate. Children 5 and younger are admitted free. **Hours are 8 a.m. to 5 p.m. Sept. 20-21 and 8 a.m. to 4 p.m. Sept. 22.**

If you plan to visit FSR for more than one day, there are many lodging options available in the London area. Some offer discounts for FSR attendance, be sure to mention it when making reservations. Golf carts will be permitted on the grounds for visitors with a documented disability or a doctor's excuse. Privately owned carts are permitted on the grounds, but must be checked in with a \$10 fee and rentals will be available from The Golf Cart Company. Call 1-800-589-8833 to make reservations.

Farm Talk Lunch

You are invited!

The inaugural Farm Talk lunch will be held at Patty's Place on October 2, 2016 from 12-1 P.M. Farm Talk will be held on a rotational basis around Noble County and serve as a chance for agriculturalists to meet for discussion about current events and pressing issues in agriculture. RSVPs are appreciated, but not required. For more information or to RSVP contact Agriculture and Natural Resources Educator-Christine Gelley at the Noble County OSU Extension office. After lunch head a couple minutes down SR 215 to the Eastern Agricultural Research Station to celebrate their 50th anniversary from 2-5 P.M. at 16870 Bond Ridge Road.

Discussion Topic: Success and Struggles of Summer 2016

Sunday,

October 2

12-1 P.M.

Location: Patty's Place
46855 Marietta Road
Caldwell, OH 43724

Cost: Menu Pricing

Contact: 740-732-5681
gelley.2@osu.edu



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noble.osu.edu

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For more information:
<http://go.osu.edu/cfaesdiversity>.

EASTERN AGRICULTURAL RESEARCH STATION 50-YEAR CELEBRATION AND FIELD DAY



SUNDAY, OCTOBER 2, 2016 • 2 – 5 P.M.

Eastern Agricultural Research Station
16870 Bond Ridge Road (Township Road 126)
Caldwell, OH 43724

Program

Please join us in celebrating the 50-year anniversary of The Ohio State University's Eastern Agricultural Research Station, originally known as the Eastern Ohio Resource Development Center or EORDC, located in Noble County, Ohio.

Learn about the 50 years of progress in southeastern Ohio's agriculture by Ohio State University's personnel.

The Station's dedication program begins at 2 p.m. followed by wagon tours of the facility and grounds. OARDC and OSU Extension experts will be on hand to share research impacts from the past, the present and for the future of southeastern Ohio's agriculture and natural resources.

Topics

- Grazing and Forage Management
- Beef Cattle Production
- Sheep Production
- Environmental Resources
- Ruminant Nutrition

Registration

Free and open to the public; no registration necessary.

History

The Eastern Agricultural Research Station was established in 1965 through the purchase of a 728-acre block of hilly land near Belle Valley in Noble County. This land, along with 40 acres acquired later on, is known as Unit I. The Station's size was significantly increased in 1966, when the Union Carbide Corporation and the Baker-Noon Coal Company donated an additional 1,325 acres that had been extensively strip-mined for coal. This area is known as Unit II and was the subject of land reclamation experiments through the 1990s.

Directions

2 miles east of Belle Valley Exit off I-77 on State Route 215 (Noble County, Ohio)

For more information

Wayne Shriver

740-732-2682 • shriver.13@osu.edu

oardc.ohio-state.edu/branches/branchinfo.asp?id=8



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A collage of six images showing various plants and animals in a conservatory. The images are arranged in a horizontal strip. From left to right: 1. A close-up of bright yellow flowers with dark centers. 2. A tall palm tree in a conservatory with a glass roof. 3. A large glass conservatory with a steep, gabled roof. 4. A black butterfly with white and red markings on its wings, perched on a yellow flower. 5. A dense bush with many small red flowers. 6. A close-up of a yellow flower with a dark center.

Garden guests enjoy delightful surprises, quiet moments, and lots of fun as they explore 10 acres of beautiful outdoor gardens and the 18,000-square-foot Eleanor Armstrong Smith Glasshouse.

6:30 AM Board bus at Washington County Fairgrounds in Marietta.
7:00 Pickup at Caldwell Park & Ride
11:00 Guided Tour of Gardens
12:00 Lunch. Please indicate your sandwich choice on registration form.
12:45 –1:40 Tour Gardens on your own.
1:40 Board Bus and go to Hirt's Gardens in Wadsworth OH
4:30 Stop at Dutch Valley Restaurant. Shop and eat dinner at 5:30
8 Stop at Caldwell Park & Ride
8:30 Arrive in Marietta

In addition to offering unforgettable experiences with plants, the Garden of today commits itself to enriching people's lives and educating them about the importance of plants to people and the natural world. This educational focus has been present from the beginning and has strengthened over time.

Presented by Ohio State University Master Gardener Volunteers
of Washington County



Please check where you would like to board the bus.
 Marietta
 Caldwell


Please check your bag lunch selection below. Included in the bag lunch are chips, dessert and soft beverages.

| | | | |
|--|---|--|--|
| Delì Italian with Provolone Capicola, Salami, Pepperoni, Provolone, Basil Aioli, Lettuce, Tomato on Crusty Italian Bread | Smoked Turkey & Aged Cheddar Smoked Turkey, White Cheddar, Whole Grain Mustard, Lettuce, Tomato on 12 Grain Bread | Santa Fe Chicken Wrap Grilled Free Range Chicken, Chipotle Spread, Cucumber, Tomato, Shredded Lettuce in Tomato Wrap | Grilled Vegetable Salad Portabella Mushrooms, Zucchini, Squash Tomatoes Grilled and bedded on Romaine Lettuce, Balsamic Vinaigrette |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Name _____ Person traveling with _____
 Address _____
 City _____ State _____ Zip _____ Phone _____
 Cell Phone _____ Email Address _____

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.

Roger Rietmeyer, Associate Dean and Director, Ohio State University Extension

For Deaf and Hard of Hearing, please contact Ohio State University Extension using your preferred communication (e-mail, relay services, or video relay services). Phone 1-800-750-0750 between 8 a.m. and 5 p.m. EST Monday through Friday. Inform the operator to dial 614-292-6181.

Beef School

Oct 4, 11, 2016 — 5:30 to 8:00 p.m.

Oct 15, 2016 —10 a.m.—2 p.m.

Eastern Ag Research Station
in Belle Valley, Ohio

| Date & Location | Topic | Presenter |
|------------------------------------|--|---|
| October 4, Ag Research Station | <ul style="list-style-type: none">• Veterinary Update• Buy or Raise Heifers• Niche Cattle Markets | Phil Lowe, DVM John Grimes, OSU Extension Beef Coordinator |
| October 11, Ag Research Station | <ul style="list-style-type: none">• Keeping Heifers in the Herd• Beef Cattle Minerals• Preparation for Calving | Clif Little, OSU Extension Educator Dr. Steve Boyles, OSU Beef Specialist Wayne Shriver, EARS Station Manager |
| October 15, Ag Research Station | <ul style="list-style-type: none">• Hay Storage Costs• Weed control/vs Mowing• RYZUP• Forage Plots• Organic Beef Requirements• Pasture Management• Sprayer Calibration | Mark Landefeld, OSU Extension Educator Chris Penrose & Clif Little, OSU Extension Educators; Wayne Shriver, EARS; Jim Mizik, Technician SWCD Dan Lima, OSU Extension Educator Christine Gelley, OSU Extension Educator Casey Brooks, Program Administrator SWCD Jason Tyrell, Technician SWCD Dr. Erdal Ozkan, OSU Ag Engineer |



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Sponsors include:

Farm Credit Mid-America of Cambridge
Guernsey Noble Soil & Water Conservation Districts
Ohio State University Extension:
Belmont, Guernsey, Monroe, Morgan, Noble Counties

Beef School

Return this section with fee
Required by Sept 26

attending _____ @ "\$15 for one or all days"= \$_____ enclosed

Make checks payable
& send to:
OSU Extension
PO Box 300
Old Washington, OH 43768

I/We will be attending:
(check all that apply)

_____ Oct. 4
_____ Oct. 11
_____ Oct. 15

Name _____

Address _____

Phone _____

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Sheep School

October 6, 2016 &
October 13, 2016
5:30 to 8:30 p.m.



Eastern Agricultural Research Station in Belle Valley, OH

This program will highlight breeding your flock to fit the market and lamb carcass traits.

| Date | Topic | Presenter |
|--------------|--|--|
| October 6th | Breeding for the Market | Daryl Clark, Retired OSU Extension Educator |
| | Creating a Conducive Lambing Environment | Wayne Shriver, EARS Station Manager & EARS Staff |
| | Hoof Trimming Demo | Ed Pickenpugh, EARS Staff |
| | Forages for Sheep | Christine Gelley, OSU Extension Educator |
| October 13th | Lamb Dinner & Fellowship | |
| | Lamb Carcass Orientation: A Look at the End Product- Live Carcass Demonstration | Dr. Lyda Garcia, OSU Meat Science Professor |

Cost is \$5 for October 6, \$25 for October 13th, or \$30 for both nights.

Please pre-register by Sept. 22nd by using the form below.

For more information call 740-732-5681 or email gelley.2@osu.edu.



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Ohio State University Extension

Guernsey, Noble, Monroe, Belmont and Morgan Counties
Eastern Ohio Agricultural Research and Development Center

Sheep School

Cost is \$5 for October 6, \$25 for October 13th, or \$30 for both nights.

**Return this section
with fee to the address
below by Sept. 22.**

Make checks payable to:
OSU Extension
46409 Marietta Rd., Suite 2
Caldwell, OH 43724

Nights Attending _____ **# attending** _____ = \$ _____ **enclosed**

Name

Address

Phone

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis.

For more information: <http://go.osu.edu/cfaesdiversity>.

Prevent Zika Virus, West Nile Virus & Other Mosquito-borne Diseases

Fight the Bite! Drain. Avoid. Spray.

Eliminate breeding sites around the farm!



Store buckets, feed pans & anything that can hold water for more than a few days



Refill watering tanks weekly, keep algae-free, and replace mosquito dunks monthly



Check for water collecting in tractor seats and other equipment stored outside



Drain water every week from wagons and truck beds



Prevent old tires and tarps from collecting water



Fill in driveway and barnyard puddles, and where rain drips from eaves



Keep pond shores mowed and free of vegetation



Clean up debris and trash



Turn over any unused watering or feed troughs



Drain all grain unloading pits

Protect Yourself from Biting Mosquitoes

- Wear long, loose and light-colored clothing
- Use insect repellent with DEET, Picardin or lemon-eucalyptus oil



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Hands on • Showmanship • Leadership • OSU Tailgate • Fitting Contest • Giveaways

Ohio

Cattlemen's Camp

Oct 15-16, 2016



Anybody showing cattle is invited to attend!

Join in on the 2-day event for the opportunity to learn day-to-day care of your cattle project. Also, gain showmanship and clipping experience while learning about the cattle industry. Camp participants are encouraged to bring their calves along for "hands-on" experience and learning; however it is not required for participants to bring a calf. If more than 1 participant per family attends, families can choose to bring 1 calf per kid or 1 calf per family. We will dive into cattle care, leadership, and also have a little fun with a tailgate as the Buckeyes take on the Wisconsin Badgers Saturday evening! Bring the entire family! Breakout sessions will be offered specially tailored to age-specific groups.

Meals will be provided.

Ohio Cattlemen's Camp RSVP

Due October 1 - 50 Chutes Available (First Come, First Serve by RSVP)

1 Participant Name, Shirt Size, and Age

2 Participant Name, Shirt Size, and Age

3 Participant Name, Shirt Size, and Age

4 Participant Name, Shirt Size, and Age

5 Participant Name, Shirt Size, and Age

Address _____

City _____ State _____ Zip _____

Phone: () - _____

E-mail: _____

Are you planning to bring an animal? Yes ☐ How many? _____
No ☐

Participant Registration \$75 _____ x \$75 = \$ _____

Family Registration \$300 (up to 5) \$300 = \$ _____

Family registration rate applies to attendees from the same address. Total = \$ _____

Make checks payable to the Ohio Cattlemen's Association
Visa, MasterCard or Discover accepted

Card Number: _____

Expiration Date ____ / ____

Signature _____

Ohio Cattlemen's Association 10600 U.S. Hwy 42 • Marysville, OH 43040 • 614.873.6736 • beef@ohiobeef.org

Grazing Management After Drought

– [Sandy Smith](#), OSU Extension Educator, Carroll County (This article first appeared in the August 24, 2016 issue of *Farm and Dairy*)

When the rains return after experiencing drought conditions for most of the summer, that fresh green color that appears can have a tempting effect on farmers. Farmers can be tempted to open the gates and let their livestock graze wherever they want. Keeping managed grazing practices in place can help to get those dry pastures healthy again for this fall and next spring grazing.

Pasture damage: The amount of damage dry weather can cause on pastures depends on climate, soil type, forage species, fertility, and grazing management practices. A prolonged dry spell can limit a pasture's forage output, and make pasture plants more sensitive to the effects of overgrazing and soil compaction. It can also cause an increase in weeds, some of which can be toxic to animals and compete with desired grasses.

Root systems: The plants' root systems are very important in helping pastures survive the stress from drought and over-grazing, and are essential for soil stability and erosion control. A lack of moisture can suppress plant growth and root development. Without adequate roots, plants cannot pull moisture and nutrients from the soil. One way to ensure that plant roots are able to do this is to allow animals on to pastures for short periods of time and rotate them so the pastures have longer rest periods between grazing. This can be accomplished by denying animals access to pasture when grass is less than 4 inches tall and not allowing them access to that area again until the grass grows back to 8-10 inches tall.

Weeds: Stay on top of weeds as they thrive in dry conditions. Weeds grow early in the season, before soil moisture becomes a factor. Weeds compete with desirable pasture plants for sunlight, nutrients and water. So if the weeds in your pastures are out of control, clip those areas to give your forage species a chance to reestablish themselves.

Fertilizer: Fertilizer applications during dry conditions are not recommended. You should perform a soil test and identify what nutrients the pasture is lacking and then apply fertilizers only when the soil moisture is adequate to maintain their availability in solution and increase nutrient uptake.

Management: Use caution, because under dry and drought type conditions, plants tend to accumulate nitrate, which can increase the chances of nitrate poisoning in livestock. Remember that dry weather does not impact everyone to the same extent and even multiple pastures within the same farm may not be affected the same way. Impact on pastures will depend on how they have been managed in the past.

Pasture management decisions after a drought situation cannot be separated from the usual pasture management plan that should be based on forage species, pasture conditions and stocking rate requirements. The right grazing management decisions should maximize your farms' productivity and minimize any future problems.

September is More Matters Month

Here's the challenge: Make half your plate fruits and veggies.
Give this recipe a try:



Oven Fried Chicken Salad

Prep Time: 45 minutes

Category: Salads

Serves: 4

Cups of Fruits & Vegetables per Serving: 2

Ingredients

1 pound chicken breast, boneless and skinless
2 large egg whites
2 tablespoons skim milk
3/4 cup plain bread crumbs
1 teaspoon onion powder
1 teaspoon garlic powder
1 teaspoon dried basil
1 tablespoon parmesan cheese
3 cups romaine lettuce, shredded
3 cups baby spinach
1 cup fresh tomatoes, diced
3/4 cup green peas, frozen, thawed and drained
1/2 cup yellow sweet corn, frozen, thawed and drained
1 cup fresh bean sprouts
1/3 cup navy beans (small white beans), rinsed
6 tablespoons Ranch Dressing

Directions

Season bread crumbs with onion powder, garlic powder, basil, and parmesan cheese.

Mix together well and place in a zip top bag.

Place coated chicken strips, a few at a time, in seasoned bread crumbs, and shake to coat all sides.

Place breaded strips on a non-stick cookie sheet and bake in the oven for 20 minutes, until golden brown.

Toss lettuce with spinach to mix well.

Place 1 1/2 cups of mixed salad on four large plates, then add even amounts of chicken breast strips.

Next, top salads with evenly portioned amounts of diced tomato, peas, corn, white beans and bean sprouts.

Drizzle 1 1/2 tablespoons of dressing over each salad.

Serve.

Each serving provides: an excellent source of vitamin A, vitamin C and fiber and a good source of calcium, folate, magnesium and potassium.

Nutritional Information

| | |
|-----------------------------|--------------------|
| Calories: 409 | Carbohydrates: 35g |
| Total Fat: 15.1g | Cholesterol: 71mg |
| Saturated Fat: 2.0g | Dietary Fiber: 6g |
| % of Calories from Fat: 33% | Sodium: 582 mg |
| Protein: 34g | |

Recipe Credit

Recipe was developed for the Produce for Better Health Foundation by Chef Mark Goodwin, CEC, CNC. This recipe meets PBH and Center for Disease Control and Prevention (CDC) nutrition standards that maintain fruits and vegetables as healthy foods.

SEPTEMBER ANNOUNCEMENTS & REMINDERS

- OSU Extension of Monroe & Belmont Counties will offer a free and unbiased seminar on the topic "Understanding the Sale of Royalties and Mineral Rights" on Tuesday, September 13th from 7:00-9:00 p.m. at the Woodsfield Library. Please register by calling 740-472-0810.
- There are two upcoming Fall Pasture Walks sponsored by OSU Extension of Monroe & Belmont Counties on September 15th in Barnesville and October 24th in Jerusalem. Call 740-695-1455 for more details.
- Noble County Soil & Water Conservation District Annual Meeting will be on Thursday, October 20th. Call 740-732-4318 for more details.
- The Switzerland of Ohio Polled Hereford Association will meet on Saturday, October 29th at the OSU Extension Regional Office on SR 215 at 7:00 p.m.
- You can now follow Noble County OSU ANR on Twitter, Instagram, and Pinterest! Links to these sites can be found at the county website: noble.osu.edu.
- Check out Christine's ANR blog at u.osu.edu/gelley.2 and the Buckeye Hills ANR blog at <http://u.osu.edu/bhanr/>.