

9-2014

## NEBLINE, September 2014

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# The NEBLINE

University of Nebraska–Lincoln Extension in Lancaster County

## 4-H Youth Showcase Their Achievements at Super Fair

MANY 4-H YOUTH choose to exhibit their project(s) and participate in contests at county and state fairs. The 2014 Lancaster County Super Fair was held July 31–Aug. 9 at the Lancaster Event Center. This was the fourth year the Lancaster County Fair was 10 days. Over 700 4-H/FFA exhibitors showcased nearly 5,500 exhibits (including static exhibits, Clover Kids, animals and contest entries). A special thank you to all the volunteers and sponsors who helped make 4-H & FFA at the fair possible!

“The 2014 county fair was a great success,” said Extension Assistant Cole Meador who coordinates the 4-H livestock and dog projects. “This was the fourth fair I was a part of and I can honestly say it was by far the smoothest one yet! I think the cool, pleasant weather had a lot to do with it, but Lancaster Event Center staff, superintendents, organized families and eager youth all had a role in the successful fair! Each livestock judge told me after their respective shows that the Lancaster County Fair may not have huge numbers of livestock, but the quality is the deepest they’ve seen at any show they’ve judged. That is a testament to the hard work and dedication put forth by the parents and youth of Lancaster County.”

Extension Publication and Media Assistant Vicki Jedlicka said, “I have two favorite parts of the fair. Seeing 4-H youth share their animal projects with the public, especially the rabbit, llama and poultry exhibitors who invite kids to pet their animals. And seeing how proud 4-H’ers are of their exhibits. I was in the Lincoln Room and one boy wanted to show me his ‘Hog Wild For 4-H’ poster which had won a purple ribbon. I asked him if he had a pig and he said no, he just liked the saying. He also liked his brother’s poster saying ‘Hop Into 4-H.’”

“Volunteers are the heart of 4-H and it is especially obvious during fair time,” said Extension Associate Tracy Anderson who coordinates static exhibits, the Style Revue, Table Setting Contest and more. “It is amazing to see all the 4-H leaders, moms, dads and other volunteers all come together. Whether it is creating the display area in the Lincoln Room prior to the fair, volunteering on static judging day, volunteering in the 4-H Council Food Booth or any number of other volunteer efforts occurring during the fair — it is absolutely amazing! A person can look in nearly any direction and see volunteers giving a hand!”



Nearly 2,335 4-H static exhibits were entered and displayed in the Lincoln Room.



There was a 71% increase in poultry exhibitors and birds from last year, reflecting a national increase in backyard flocks and in part because of the new poultry club, The Egg Basket. New this year was a Poultry Judging Contest and Breed Identification Contest.



The Dairy Goat show was the largest in several years. A new goat club for urban youth, the Go Go Goat Getters, contributed to the increase.



Table Setting contest



Dog obedience

See 4-H Super Fair top exhibits on page 7 of this issue. Complete 4-H/FFA ribbon results and many photographs are at <http://lancaster.unl.edu/4h>.



Lancaster County has the largest 4-H county fair horse show, with 39 horse events spanning six days. This year, 176 horse exhibitors competed in 1,275 total entries.



4-H Clover Kids ages 5–7 talked about their exhibits during Show & Tell.

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Know how. Know now.



# Avoid These Canning Practices!

Alice Henneman, MS, RDN  
UNL Extension Educator

Each year our Extension office receives questions about whether a canning practice is safe. Here are some of the unsafe practices still being used and why they are unsafe, based on information from the National Center for Home Food Preservation (NCHFP). For more information about canning, visit NCHFP at <http://nchfp.uga.edu> and the University of Nebraska–Lincoln Home Food Preservation web pages at <http://food.unl.edu/preservation>.

## Canning a recipe you made up yourself can be unsafe.

NCHFP: Under-processed, low-acid foods run the risk of allowing survival of *Clostridium botulinum* and its spores, and consumption of these foods can lead to botulism, an often fatal disease, and one that involves expensive health-care costs and health complications for those that do survive. Again, there is no formula for converting a process time for one low-acid food to another food or jar size. Too many characteristics of the particular food and processing procedures can influence the rate of heating. If you are experimenting with untested recipes for pickled products or other acidified foods such as salsas and there is not enough acid to treat them as a boiling-water canned

food, you may also end up with the same risk of botulism by under-processing. Even if you have an acid food and do not process it long enough, food spoilage can result.

## Using a small pressure saucepan/cooker to can foods is not recommended.

NCHFP: Pressure cookers have less metal, are smaller in diameter and will use less water than pressure canners. The result is the time it takes a canner to come up to processing pressure (that is, the come-up time) and the time it takes the canner to cool naturally down to 0 pounds pressure at the end of the process (known as the cool-down time),



Using a small pressure saucepan/cooker, such as this, is NOT recommended for canning.

will be less than for the standard pressure canner. The come-up and cool-down times are part of the total processing heat used to establish USDA process times for low-acid foods. If the heat from the come-up and cool-down periods is reduced because these times are shortened, then the heat from the process time at pressure alone may not be enough to destroy targeted microorganisms for safety. That is, the food may end up under-processed. Under-processed, low-acid canned foods are unsafe and can result in foodborne illness, including botulism poisoning, if consumed.

## Open-kettle canning and the processing of freshly filled jars in conventional ovens, microwave ovens and dishwashers are not recommended.

NCHFP: These practices do not prevent all risks of spoilage. Steam canners are not recommended because processing times for use with current

models have not been adequately researched. Because steam canners do not heat foods in the same manner as boiling-water canners, their use with boiling-water process times may result in spoilage. It is not recommended pressure processes in excess of 15 PSI be applied when using new pressure canning equipment. So-called canning powders are useless as preservatives and do not replace the need for proper heat processing. Jars with wire bails and glass caps make attractive antiques or storage containers for dry food ingredients, but are not recommended for use in canning. One-piece zinc porcelain-lined caps are also no longer recommended. Both glass and zinc caps use flat rubber rings for sealing jars, but too often fail to seal properly.

## Green beans must be canned in a pressure canner.

NCHFP: Canning low-acid vegetables, meats, fish and poultry requires the use of a pressure canner. Spores of *Clostridium botulinum* bacteria, as found naturally in soils, are very, very heat resistant. Even hours in the boiling water canner will not kill them if they are inside your jars of beans. Left alive after canning, they will eventually germinate into actively-growing bacterial cells that will produce a deadly human toxin when consumed. The bacteria like the conditions inside closed jars of low-acid foods (such as vegetables and meats) sitting at room temperature, so they must be killed during the canning process for safe storage.

Jars of improperly canned vegetables and meats can contain the deadly botulism toxin without showing signs of spoilage. People who see their beans spoiling after under-processing them (not using enough heat when canning them) may also have jars that contain botulism toxin because they are showing signs of under-processing by other spoilage that might include cloudy, bubbling liquid and jars that pop open after initially sealing.



Making up your own canning recipe is dangerous!

Photos: Alice Henneman, UNL Extension in Lancaster County

Quick, Tasty, Healthy,  
5-Ingredient Recipes

Tuesday, Oct. 28, 6:30–8 p.m.

Bryan Medical Center East  
Plaza Conference Center, 1600 S. 48th St.

Pre-registration is required by calling 402-481-8886

Free Class

Alice Henneman, registered dietitian nutritionist and UNL Extension Educator, will share tips, recipes and an extensive handout for making quick, delicious and nutritious 5-ingredient dishes. Five is the magic number for ingredients we want in a recipe. Whether we're making a main dish, soup, salad, sandwich or side dish, our eyes begin to glaze over as the number of ingredients goes beyond five. Learn to cook delicious dinners in less time (and for less money!) than it takes to eat out. You probably already have, or can easily stock up on, most of the staples, so there's little shopping for extra ingredients.

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444 Cherrycreek Road, Lincoln

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The NEBLINE

THE NEBLINE is published monthly (except December).  
Mailed to more than 11,000 households in Lancaster County  
and can be read online at <http://lancaster.unl.edu/nebline>.

Photo on front page flag and page headers by PRANGE Aerial Photography

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# September is National Preparedness Month

National Preparedness Month is sponsored by the U.S. Department of Homeland Security's Ready Campaign to encourage Americans to take simple steps to prepare for emergencies in their homes, businesses and communities.

It is never too early or too late to prepare for a disaster. September is the month set aside to encourage everyone to get READY — be prepared.

To start, follow these four steps:

- **Be informed.** Know the hazards and risks in your area. Learn what you need to do to get ready for them.
- **Make a family emergency plan,** so you know how you would communicate with and find your loved ones if a disaster hit. For example, think about how you would reach your kids at school; your spouse at work. If you had to evacuate, where would you go. Thinking this through in advance will make a big difference.
- **Build an emergency supply kit** both at home and in the car — that includes water, food and first aid

supplies to help you survive if you lose power or get stranded in your car. This is especially important for dealing with icy roads and snowstorms this winter. Go to <http://ready.gov> to find a list of suggested supplies.

- **Get involved** — Be an advocate and educator for safety and emergency preparedness within your community. Contact your local Citizen Corps.

Each family should have a plan for communicating during a disaster. FEMA (Federal Emergency Management Association) give these tips for good family communication in time of disaster:

1. Identify a contact, such as a friend or relative, who lives out-of-state for household members to notify they are safe. It may be easier to make a long-distance phone call than to call across town, so an out-of-town contact may be in a better position to communicate among separated family members.

2. Be sure every member of your family knows the phone number and has a cell phone, coins or a prepaid phone card to call the emergency contact. If you have a cell phone, program

a person(s) as “ICE” (In Case of Emergency) in your phone. If you are in an accident, emergency personnel will often check your ICE listings in order to get a hold of someone you know. Make sure to tell your family and friends you’ve listed them as emergency contacts.

3. Teach family members how to use text messaging (also known as SMS or Short Message Service). Text messages can often get around network disruptions when a phone call might not be able to get through.

4. Subscribe to alert services. Many communities now have systems that will send instant text alerts or e-mails to let you know about bad weather, road closings, local emergencies, etc. Sign up by visiting your local Office of Emergency Management website [www.nema.ne.gov](http://www.nema.ne.gov).

Good family communication is important at all times, but it especially important during disasters as all family members may not be at the same location. Start now to develop an emergency plan for your family. For additional information on being prepared for a disaster, go to <http://ready.gov>.



UNL Extension has started “The Learning Child Blog” at <http://child.unl.edu/learning-child-blog> which provides resources, training and support for parents, teachers and caregivers of children ages 0–8. Here is a recent entry.

## Activities to Help Me Grow!

**Lisa Poppe**  
UNL Extension Educator

I want to help my child learn and be ready for school, but sometimes I feel like the day is so busy I can't fit in one more thing! Do you have ideas for activities we can do together that won't take extra time?

Every day errands and chores are a great time to involve your child and help them learn and grow. Parents and caregivers often think they need to use computer software, videos or workbooks for “learning” but actually, young children learn from every day experiences and learn best when they are involved in hands-on activities. Plus, they love to help and be part of what you are doing.

Here are some ideas to help you get started with suggestions for different ages of children.

1. Talk about what you are doing. It may feel funny at first, especially with a small infant or toddler who cannot talk back to you or ask questions. Try to pretend you are on a cooking or “do it yourself” show while your infant or toddler is watching you or playing by your side.

You can describe the actions you are doing while cooking or working in the garden. Describe what you see around you as you are driving in the car or at the grocery store. Your child is learning new words and concepts just by hearing you talk.

2. Read signs and words around you. Children learn printed words carry a message from the signs and words that are in their world. Try pointing out the signs of familiar stores, traffic signs and signs with information. You might be surprised at how quickly your child learns to point out “S-T-O-P Stop!” Through these experiences, children learn letters come together to form words and these words carry a message...key things for readers to know!

3. Laundry time is math time? Even toddlers can sort out all of the socks from a basket of laundry. Preschoolers may be able to match the socks into pairs. Young children can fold simple things like pillow cases, washcloths and towels. Try giving your child their own little basket and asking them to sort or fold a certain type of laundry. They are learning early math skills of classification, shapes, fractions, (learning to fold in halves and

quarters) and building their sense of competence as they help you.

4. Dusting, picking up and direction following? Try giving your child a damp rag and asking them to dust certain surfaces. Make it a game by giving interesting directions ... “Can you dust three things that are green? Can you pick up all of the purple blocks and put them in the basket?” Then encourage your child to look for furniture or the toys that you have described. Being able to follow directions and use clues are both important early learning skills. Children may be motivated when you make a job a game.

5. Let's watch things grow together! Your child will enjoy working by your side in the garden. They may enjoy planting seedlings or flowers with you. They can learn important science skills about their natural world when working by your side. A small child-sized rake can be fun to use in the fall. Children can help bag leaves, pickup sticks and dig up weeds in the garden if you show them how to identify plants that are weeds.

Work and play side by side with your child and they will be learning every day!



## ASK LORENE

### FAMILY LIVING TIPS

Lorene Bartos, UNL Extension Educator

#### Q: Do I need to clean my dishwasher?

**A:** Every appliance we use needs to be cleaned to keep it in good working condition. The dishwasher is no different. Cleaning the dishwasher should be done several times a year. The American Cleaning Institute suggests the following steps to keeping your dishwasher in good working order.

- Read the manufacture's use and care manual for cleaning recommendations. If you have lost the manual, contact the manufacturer.
- Scrub the rubber gasket with a toothbrush and wipe the residual crumbs off with a damp cloth.
- Pull out the racks and check the drain. Be sure to remove any objects that may block the drain.
- You can place a dishwasher-safe cup filled with plain white vinegar on the top rack of the dishwasher and run the dishwasher to remove unpleasant odors.
- Use a soft cleanser or baking soda to scrub away any remaining stains.
- There are also appliance cleaners available to consumers who don't want to go it alone. Be sure to read the product label prior to use.

“Ask Lorene” by mail: Attn. Lorene Bartos, UNL Extension in Lancaster County, 444 Cherrycreek Road, Suite A, Lincoln, NE 68528; email [lbartos1@unl.edu](mailto:lbartos1@unl.edu); or phone 402-441-7180.

## Stepping On Workshop to Reduce Falls, Sept. 8–Oct. 20

What is Stepping On? Stepping On is a program that has been researched and proven to reduce falls in older people. It consists of a workshop that meets for two hours a week for seven weeks. Workshops are led by a health professional and a peer leader — someone who, just like you, is concerned about falls. In addition, local guest experts provide information on exercise, vision, safety and medications.

Aging Partners and University of Nebraska–Lincoln Extension will present the workshop on Mondays, Sept. 8–Oct. 20, 1–3 p.m. at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. Call 402-441-7575 to register. \$3 per class suggested contribution. You'll learn exercises and strategies to help prevent you from falling.



## 2014 Household Hazardous Waste Collections

These collections are for households only. Only residents of Lincoln and Lancaster County can bring items to collections.

**SOME ITEMS YOU CAN BRING FOR DISPOSAL:** Thermometers, thermostats containing mercury, solvents, oil-based paint, paint thinner, stripper, stain, old gasoline, transmission fluid, pesticides, small propane cylinders. You can dispose of compact fluorescent light bulbs at these waste collections.

**DO NOT BRING** latex paint, fertilizers, medicines/pharmaceuticals, electronics & computers, large propane cylinders, tires, used oil, batteries, antifreeze or ammunition.

For more information or if you have questions how to recycle or dispose of items not accepted, call the Lincoln-Lancaster County Health Department at 402-441-8021 or go to [www.lincoln.ne.gov](http://www.lincoln.ne.gov) (keyword: household).

**Saturday, Aug. 23 • 9 a.m.–1 p.m.**  
Veyance Technologies: 4021 North 56th St.

**Saturday, Sept. 13 • 9 a.m.–1 p.m.**  
Lincoln Industries: 600 West E St.

**Saturday, Oct. 11 • 9 a.m.–1 p.m.**  
Woods Park: South 31st & J St.

**Friday, Nov. 14 • 9 a.m.–1 p.m.**  
Appointment Only: Call 402-441-8021 to schedule

**Latex paint is not accepted at Household Hazardous Waste Collections. Usable latex paint can be taken to EcoStores Nebraska's paint exchange on Sept. 13, 9 a.m.–2 p.m. at 530 W. P St., 402-477-3606.**



# Fall is the Best Time for Control of Tough Weeds

**Sarah Browning**

*UNL Extension Educator*

Fall is the best time of year to control tough perennial weeds on the farm or acreage. At this time of year they begin moving carbohydrates from the leaves down to the roots for winter storage. If herbicides are applied now, they are transported to the roots along with the carbohydrates killing the entire plant instead of just the leaves. And even if the chemical doesn't completely kill the weed, the plant goes into winter in a weakened condition and is much more susceptible to winter kill. Finally, the potential for 2,4-D and dicamba herbicide drift damage to non-target species is lessened in the fall.

Fall is also the best time to control winter annual weeds, such as henbit, marestail and the mustards (field pennycress, shepherds purse, tansy mustard, blue mustard, etc). Winter annual weeds germinate in the fall, overwinter as a green plant, and begin growing again in early spring. They complete their life cycle and go to seed in the spring or early summer. In fall they can be killed as they germinate with pre-emergent herbicides, or targeted as young plants with post-emergent products.

Before applying any herbicide, know the weeds you are trying to control. Get help from your local garden center or UNL Extension office if you're not sure. Fall control of annual weeds like crabgrass, foxtail, knotweed or purslane



In fall, thistles are in the rosette stage, which is the best time to control them. Pictured is a musk thistle rosette.

Joseph M. DiTomaso, University of California - Davis, Bugwood.org



Cattails are one of the most common weeds on acreages with ponds.

Image Copyright Miss Steel. This work is licensed under the Creative Commons Attribution-Share Alike 2.0 Generic Licence.

is unnecessary and wasteful. These weeds only live for one summer, and naturally die in fall. In fall, it's best to focus on tough perennial weeds including musk thistle, Canada thistle, field bindweed, poison ivy, curly dock and cattails.

## Lawns

Weeds are opportunistic, taking advantage of thin areas in a lawn to grow and thrive. So the best way to prevent future weed problems is to overseed and thicken lawn turfgrass stands. The best time for overseeding Kentucky bluegrass and tall fescue is Aug. 15–Sept. 15. With good preparation and application, young grass plants can grow well even while weeds are present. Use caution with herbicide applications on new seedings.

If chemical control is needed spot treatments, or spraying individual weeds, saves money on chemicals. Broadcast applica-

tions are a waste of money if only a few weeds are present. Many products are available for broadleaf weed control and may contain 2, 4-D, quinclorac or triclopyr. These products are selective and won't damage grass, but use them with caution in landscape beds since accidental spraying or spray drift can damage shrubs and ornamental plants. Quinclorac is particularly effective at controlling difficult weeds like wild violets.

## Pastures

Fall is an excellent time to control perennial weeds in pastures and waste areas. The post-emergent herbicides mentioned above are effective against thistles, curly dock and poison ivy. There is an extended window to apply herbicides from mid-September through late October. Best control will be achieved when daytime temperatures are above 60°F, but good control can be obtained

even when temps are in the 50's most years.

Target winter annuals in the fall with post-emergent herbicides when the seedling plants are small and have not had time to store much energy in their root system.

Downy brome is a common winter annual pasture weed. Most seeds germinate in the fall but some may germinate during warm spells in winter and early spring. Plants produce a seed head in June, then mature and die in July. In warm season pastures and CRP, take advantage of the winter annual growth habit to control downy brome using glyphosate.

Glyphosate applied in late fall or early spring when warm season grasses are completely dormant will kill downy brome plants without harming the dormant species. Allow 8 weeks for the herbicide to completely kill the downy brome before grazing or harvesting.

Note: Glyphosate is a non-selective herbicide and will injure or kill cool season grass and broadleaf species that are actively growing at the time of application.

## Ponds

Cattails are one of the most common weeds on acreages with ponds. In fall, mechanically removing the tops of cattails is one way to keep them in check and eventually obtain control. Ideally, plants should be cut below the water line. If they must be cut above the water line, the water level should be raised to submerge the cut stems at least eight inches.

Research in Iowa (Weller, 1975) found cutting shoots two or three times during the growing season before flower production, reduced cattail stands by 95–99% in one year. A single cutting in August followed by submergence resulted in 80% control. It is important to remove all dead and live cattail stems to achieve this control.

Power equipment used to cut cattails includes sickle mowers and hand operated power trimmers equipped with metal cutting wheels instead of strings. Hand scythes, machetes (corn knives) and long-handled shovels also can be used to manually cut cattails close to the shoreline.

**Note: With all chemical applications, be sure to read and follow all directions on labels and use the recommended personal protective equipment.**

## Predicting Last Irrigation of the Season for Crops

**Paul Hay, Extension Educator**

*UNL Extension in Gage County*

The irrigation management objective near the end of the season for fully-watered crops, should be to provide enough water in the root zone to carry the crop to maturity and produce top yields while leaving the soil fairly dry. The winter and spring rain and snow will hopefully refill the dry soil profile. Although this goal sounds challenging, it can be achieved if field information is available. The following information is necessary to predict the amount of water needed to take the crop through to maturity: crop maturity level, predicted water use by the crop to full maturity, remaining available water in the soil and predicted rainfall before crop maturity.

Corn at the R5+ growth stage would have the starch line about halfway out on the kernel. This is the full dent stage. From this point on the corn will need 2.25 inches of water to reach full maturity. The combination of soil moisture available as indicated by watermark sensors, plus rainfall and irrigation need to supply the needed 2.25 inches of water to achieve full yield potential. Yield potential could fall as much as 20 bushels per acre without this needed moisture at the end of the grain fill period.

Soybeans first flower and develop

short pods. The pods elongate to full length with newly-developed pods growing rapidly in early August. The beans then enlarge in the pods from mid-August till early September. Water during the bean fill period is critical to soybean yield. When soybeans reach the R6.5 stage, the leaves begin to yellow on the plant. At this point, soybeans still need 1.9 inches of water to reach maturity at the full yield potential for this time. The combination of soil moisture available as indicated by watermark sensors, plus rainfall and irrigation, need to supply the needed 1.9 inches of water to achieve full yield potential. Yield potential could fall as much as 10 bushels per acre without this needed moisture at the end of the bean fill period.

Determining the amount of available water in the root zone is a key point of information needed to predict the last irrigation. Watermark sensors should be used to record soil water content in the crop's active root zone. This means monitoring soil water content in the top 3 feet for corn, grain sorghum and soybeans. Roots will penetrate deeper into the soil, but little water will be used from these depths. The watermark sensor readings combined with the stage of growth for the crop, will guide us to determine needed irrigation to realize the full yield potential of the crop.

## UNL Extension Water Meter Calculator App Now Available

A University of Nebraska–Lincoln Extension app will help irrigators calculate the amount of water pumped by their irrigation pumping plant.

The Water Meter Calculator App allows the user to store data, such as field size in acres, flow meter units and allocation and annual irrigation caps for each field.

The user inputs the beginning and ending meter reading and the app calculates the amount of water pumped for the field and on a per-acre basis. The app keeps track of total water pumped for the irrigation season, the remaining allocation for future years, the annual

cap remaining as well as any annual cap penalties.

The developers of the Water Meter Calculator App include: Chuck Burr, Tim Lemmons and Tom Dorn, all UNL Extension Educators, and Bryan Lubeck and Shirlee Poyser, both of the Lower Republican River Natural Resources District. It was made by Jeff Abele of Move Creative, LLC.

The Water Meter Calculator App is available for download at the Apple App Store and Google Play store for \$1.99.

*Source: IANR News Service*

## UNL Releases CornWater Irrigation Management Online Tool

University of Nebraska–Lincoln researchers and educators are pleased to announce the release of the testing version of the CornWater program. CornWater is an online, real-time decision support tool to help irrigators determine when to irrigate corn fields in Nebraska. To make irrigation recommendations, CornWater evaluates, in the real-time mode, available soil water at different soil depths and possible corn-water stress based on up-to-date weather data, user-input crop information (including date of planting, hybrid maturity, plant population) and basic

soil properties (including soil texture, soil water status at planting time, soil rooting depth and soil surface residue coverage rate).

To use the CornWater program, a user must register (for free) for an account at the program website (<http://hprcc3.unl.edu/cornsoywater/cornwater/>). The user can then add their fields to the program. Note a field will not be added to a user's account if the program can't find a weather station within 20 miles of the field.

*Source: UNL Cropwatch*



## Flowers That Tower

Mary Jane Frogge  
UNL Extension Associate

Tall perennial plants in your flower beds can bring a sense of drama to your landscape. If you have the space, consider a few of these giants.

**Compass plant, *Silphium laciniatum*** — This native perennial attracts butterflies. A tall, sturdy plant that grows to 9 feet tall. Features sunflower-like flowers that are 5 inches wide with yellow rays and yellow centers. Basal leaves usually orient themselves on a north-south axis so as to minimize intense overhead sun exposure, thus giving rise to the common name. Slow to establish and may not flower until the second or third year.

**Joe-Pye weed, *Eupatorium purpureum*** — Very showy with purple flower clusters in the fall. Grows to be 4–7 feet tall. Prefers moist soil and full sun to part shade.

**Boltonia, *Boltonia asteroides*** — This plant has

showy, white, aster-like flowers in late summer. It will get 5–7 feet tall and may need staking. Thrives in any garden soil and spreads rapidly in moist conditions. Prefers full sun.

**Common sneezeweed or False sunflower, *Helenium autumnale*** — Showy, yellow flowers in late summer. This plant is 3–6 feet tall. Very adaptable, but prefers moist soil and full sun.

**False Indigo, *Baptisia australis*** — Forms large clumps. Grows 3–5 feet tall. Blue flowers bloom in spring. Prefers full sun to part shade.

**Goatsbeard, *Aruncus dioicus*** — Stately perennial that produces creamy-white plumes of blossoms in early summer. Will grow in sun to part shade. Reaches heights of 4–6 feet.

**Queen-of-the-prairie, *Filipendula rubra*** — Tall and wind tolerant. Reaches heights of 6–8 feet tall. Flowers are large, 6–9 inch pink clusters. Prefers moist-wet conditions and full sun to part shade.

**Russian sage, *Perovskia atriplicifolia*** — This sage has aromatic gray-green leaves and pale blue flowers in the summer. It prefers well-drained soil and full sun. Russian sage will grow to be 3–5 feet tall.

**White Mugwort, *Artemisia lactiflora*** — Creamy-white flowers appear in late summer. Attractive foliage reaches 4–6 feet tall. Grows in full sun or part shade.



Compass plant

Soni Cochran, UNL Extension in Lancaster County



Common sneezeweed or False sunflower



False Indigo

Kim Todd, UNL Extension Horticulture Specialist



Joe-Pye weed

Nebraska Statewide Arboretum



Queen-of-the-prairie



Russian sage

## GARDEN GUIDE

### THINGS TO DO THIS MONTH

Mary Jane Frogge, UNL Extension Associate

Do not wait for frost warnings to move your plants indoors. Temperatures of 45°F or lower can damage many tropical house plants.

Select accent plants for your landscape that will provide autumn colors. Trees with red fall color are flowering dogwood, red maple, sugar maple, Norway maple, red oak and scarlet oak. Shrubs with red fall foliage include sumac, viburnum, winged euonymus and barberry.

Before the first frost, dig up caladiums. Allow them to dry and store them in a dry place for the winter.

Allow plants to finish the summer growth cycle in a normal manner. Never encourage growth with heavy applications of fertilizer or excessive pruning at this time. Plants will delay their dormancy process that has already begun in anticipation of winter in the months ahead. New growth can be injured by an early freeze.

Collect okra seed pods, gourds, sumac seed heads, rose hips and other suitable materials for dried arrangements. Air dry these materials in a dark, cool location.

Perennial phlox can be divided about every third or fourth year. Divide big clumps of perennial phlox into thirds. Early fall or early spring are the best times to plant or transplant them.

Divide lily-of-the-valley.

Pot up chives, parsley and other herbs to extend the growing season in the house.

Tree wound paints used after pruning are no longer recommended as they can slow healing and may promote decay.

If pesky seedlings of woody plants, such as elm, mulberry, hackberry or maple are found growing in your yard, remove them as soon as possible. If left too long, they will take over gardens and other landscape plantings.

Fall is a good time for improving your garden soil. Add manure, compost and leaves to increase the organic matter content.

Plant peonies now, but make sure the crowns are buried only 1½–2 inches below ground level. Planting them deeper than 2 inches may keep them from blooming.

Root cuttings from annual bedding plants such as begonias, coleus, geraniums and impatiens. These plants can be overwintered in a sunny window and provide plants for next year's garden.

Pears should be picked at the hard ripe stage and allowed to finish ripening off the tree. The base color of yellow pears should change from green to yellow as the fruit approaches maturity.

Be sure to keep strawberry beds weed free. Every weed you pull now will help make weeding much easier next spring.

Rake up leaves, twigs and fruit from crabapple trees and dispose of them in the trash to help control apple scab disease.

Water newly-planted trees and shrubs to provide sufficient moisture and prevent winter damage. Add a 2-inch layer of an organic mulch, such as shredded bark, around the base of plants to retain soil moisture and regulate soil temperature.

## Cicada Killers and Steel-Blue Cricket Hunters

Barb Ogg  
UNL Extension Educator

There are several species of large wasps in Nebraska which dig burrows in the soil in the midsummer. The cicada killer wasp is alarming to some because it is huge — it can be 2 inches long! It is black with yellow markings on the thorax and abdomen with rusty colored wings. Another species, sometimes referred to as the steel-blue cricket killer, is about 1¼ inches long and is a beautiful metallic blue color with black wings.

Both these species are solitary wasps. This means each wasp lives independently and does not depend on other members of a colony to share in the raising of young or maintaining a nest. These solitary wasps usually paralyze insects or

spiders which become food for the next generation of wasps.

Female cicada killer wasps capture, sting and paralyze annual cicadas in July and August and place them in cells located at the end of a tunnel they have dug in the ground. Each tunnel is about 1/2-inch in diameter and extends 10–20 inches into the ground. After placing one or two paralyzed cicadas in each cell, the female deposits a single egg on the cicada and then closes the cell with dirt. Each burrow may have as many as 10 cells. After only a day or two the larval wasp emerges from the egg and feeds on the paralyzed cicada. It passes through the winter as a fully developed larva. It pupates the next spring and emerges as the adult wasp in the summertime.

The steel blue cricket hunter has a similar life cycle, but provi-

sions its cells in the ground with crickets. Iridescent females are often observed on the ground, flicking their wings, keenly watching for an unguarded cricket.

Unlike yellow jackets and other social wasps, these solitary wasps are not aggressive. The females have the capability to sting (after all they sting and paralyze their prey), but they don't attack people unless they are handled. Males cannot sting and do not dig in the soil, but hang around in groups near breeding locations, aggressively posturing for available females.

These wasps prefer soft soil or sand to dig their burrows and rarely dig in established areas. They choose sites with well-drained, light-textured soils in full sunlight near trees harboring cicadas.

Because these wasps rarely

sting people, control is not justified, but these wasps can cause homeowner stress because of all the activity around the nesting site. If burrows are concentrated in an area, consider covering the soil with shade cloth, plastic sheets or plastic mesh to prevent the wasps from digging in the soil. Dust formulations of insecticides can be used in the burrows, but it may not completely prevent emergence of wasps the next year. Some studies have shown liquid pyrethroid insecticides, applied into the burrows can be helpful.

Being patient always works well — these wasps die after they have provisioned their burrows.



Photos: Jim Kalisch, UNL Department of Entomology

Cicada killer wasp (approximate size)



Steel-Blue Cricket Hunter (approximate size)





## HEART OF 4-H VOLUNTEER AWARD

### KayCee Wanser

Lancaster County 4-H is proud to announce KayCee Wanser as winner of September's "Heart of 4-H Award" in recognition of outstanding volunteer service.

She has volunteered with the Fantastic 4 4-H club for four years, helping with their community service projects such as Kiwanis Karnival and activities with Union Manor Apartments, a residence for senior citizens. The club's six members have already volunteered more than 500 hours in 2014. Fantastic 4 is a Nebraska Club of Excellence and has been a Lancaster County Super Fair Outstanding 4-H Club winner for five years. KayCee has also presented and helped present workshops at 4-H Clover College.

"I enjoy the opportunity to teach the youth of our community about volunteerism by showing them just how much fun it can be," she says. "I also enjoy the lasting relationships I have been able to create over the past few years and look forward to the new ones I am soon to create. I have particularly enjoyed the opportunity to work with youth and see them grow and develop. There is nothing better than watching kids complete projects all while gaining self-esteem, building character and maturing with the pillars of 4-H!"

Lancaster County 4-H thanks KayCee for donating her time and talents. Volunteers like her are indeed the heart of 4-H!



## State Fair 4-H Tickets

Get ready for fun at the 2014 Nebraska State Fair, Friday, Aug. 22 through Monday, Sept. 1 at Fonner Park in Grand Island! For a schedule of 4-H at the state fair, results, and more, go to <http://4h.unl.edu/nebraskastate-fair>. State Fair information is at [www.statefair.org](http://www.statefair.org).

The Lancaster County Extension office has a limited number of \$4 exhibitor tickets for 4-H exhibitors and their immediate family only. These can be purchased at the office at 444 Cherrycreek Road (cash or check only, no credit cards).

Public gate admission will be \$10, with \$5 days Aug. 25 & 27. Children 6-12 will be \$3 every day and children 5 and under will be free every day.

General parking on the fairgrounds is free. Preferred parking is \$10.

## 4-H Teen Council Invites New Members



Teen Council members lead the 4th & 5th Grade Lock-In

4-H Teen Council is a leadership organization for youth in grades 7-12. Meetings are held the second Sunday of each month at 3 p.m. at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. The next meeting will be Sunday, Sept. 14 at 3 p.m.

4-H Teen Council members:

- participate in several community service activities
- plan, set up and facilitate the annual 4th & 5th grade Lock-In
- are involved in other leadership activities

For more information or to join, contact Tracy at [tracy.anderson@unl.edu](mailto:tracy.anderson@unl.edu) or 402-441-7180.

## Livestock Booster Club Scholarships



The Lancaster County 4-H Livestock Booster Club awards two \$500 college scholarships each year. The Husker Auto Group sponsored one of the scholarships this year. Brandon Sieck and Justine Nelson were presented the scholarships at the Lancaster County Super Fair 4-H/FFA Livestock Premium Auction.



## State 4-H Horse Expo Results



Champion Team in Senior Horse Judging



Reserve Champion Team in Junior Horse Judging



The 2014 Fonner Park State 4-H Horse Exposition was held July 13-17 at Grand Island. 424 exhibitors from over 50 counties participated in 1,214 total entries. Here are the Lancaster County 4-H'er purple ribbon winners. Complete results are at <http://animalscience.unl.edu/anscdistrictstate4-hshowresults>.

### Senior Judging Contest

Lancaster 2 team (1st place): Kate Rawlinson (1st place individual), Caitlin Davis (4th place individual), Hailey Hula (6th place individual), Nicole McConnell (7th place individual), coached by Roger Bell

### Junior Judging Contest

Lancaster team (2nd Place): Madison Sobotka (1st place individual), Ellie Bunz (7th place individual), Katherine Cooper (8th place individual), coached by Roger Bell

### Junior Hippology Contest

Lancaster 2 team (Second Place): Ashley Clegg, Katherine Moyer, coached by Andy Dearthmont

### 4 & 5 year old Mares

Grace Kim

### Junior Showmanship

Aubrey Hayes, Madison Sobotka

### Senior Showmanship

Marissa Carlson, Morgan Chipps, Anna Heusinger, Grace Kim, Sierra Nelson, Bailee Peters, Bailey Peterson, Bailee Sobotka

### Senior Western Horsemanship

Anna Heusinger, Grace Kim, Bailee Peters, Bailey Peterson

### Junior Western Horsemanship

Olivia Wennstedt

### Senior Western Pleasure

Bailey Peterson (Champion), Audrey Heusinger, Sierra Nelson, Sydney Scow

### Trail Horse

Haylie Pointer

### Ranch Horse Pleasure

Ashley Bradbury (Reserve Champion)

### Hunter Hack

Haylie Pointer (Champion)

### Senior Hunter Under Saddle

Anna Heusinger (Reserve Champion), Grace Kim, Bailee Peters

### Advanced Hunter Under Saddle

Marissa Carlson (Champion), Megan Luedtke, Bailee Sobotka

### Advanced Hunt Seat Equitation

Marissa Carlson (Champion), Bailee Sobotka (Reserve Champion)

### Elementary Dressage

Kate Rawlinson (Champion), Bailee Sobotka (Reserve Champion), Marissa Carlson, Megan Luedtke

### Senior Pole Bending

Anna Heusinger

### Senior Barrels

Nicole Finkner (Reserve Champion), Anna Heusinger, Grace Kim

### Working Ranch Horse

Dylan Schmidt, Jadin Vogler

### Break-Away

Dylan Schmidt, Mackenzie Wolfe

### Daily Team Roping-Header

MaKenzie Mayer

## Horse Awards Night, Oct. 2

Come one and all! The annual Lancaster County 4-H Horse Awards Night will be Thursday, Oct. 2, 6:30 p.m. at the Lancaster Extension Education Center, 444 Cherrycreek Rd., Lincoln. The Horse VIPS Committee will provide snacks. Awards presentation includes Incentive Awards, Horsemanship Levels, Horse Course Challenge, All-Around Awards, Herdsmanship, Top County Fair Judging buckles and ribbons, and a few surprise awards! Come help celebrate the outstanding accomplishments of the 2014 Lancaster County 4-H horsemen! More details to follow.





4-H/FFA complete results  
and photos are online at  
<http://lancaster.unl.edu/4h>



Ch=Champion; Res=Reserve

## Top Static Exhibits

### GENERAL AREAS

Poster: Kylie Hansen  
Club Banner: Rabbits R Us  
Quilt: Eliana Babcock  
Top Dog Static Exhibit: Joli Brown

### SCIENCE, ENGINEERING & TECHNOLOGY

Aerospace: Taylor Yakel  
Woodworking: Steven Weitz  
Safety: Riley Weitz  
Overall Science, Engineering & Technology: Colin Henshaw

### FOOD & NUTRITION

Yeast Bread: Elizabeth Norton  
Quick Bread: Joli Brown  
Food Preservation: Anne Greff  
Cake/Pie: Anna Sump  
Cookie: Cadence Watson

### HOME ENVIRONMENT

Home Environment: David Swotek  
Home Environment: Rose Ingracia  
Home Environment: Anna Sump

### CHILD DEVELOPMENT

Child Development: Rose Ingracia

### PHOTOGRAPHY

Unit 1: Addison Henshaw  
Unit 2: Sophie Polk  
Unit 3: Natalie Meckel  
Career Exhibit: Mariana Tines

### CLOTHING

Clothing Level 1: Eliese Schwinck  
Decorate Your Duds: Eliese Schwinck  
Knitting: Harper Lawson  
Crochet: Eliana Babcock  
Clothing Level 2: Chloe Hammond  
Clothing Level 3: Renae Sieck

### HORTICULTURE

Vegetable Exhibit: Colin Henshaw  
Herb Exhibit: Laurel Frogge  
Annual Flower Exhibit: Zachary Pittman  
Perennial Flower Exhibit: Laurel Frogge  
Rose Exhibit: Bailee Gunnerson  
Specimen Plant: Jared Nielsen

### CONSERVATION & WILDLIFE & FORESTRY

Conservation & Wildlife Exhibit: Sophie Polk  
Forestry Exhibit: Keren Carlson

## Top Contest Awards

### PLANT SCIENCE

Horticulture Contest: Abigail Babcock  
Tree Identification Contest: Grace Dowd

### PRESENTATION

Ch Sr Presenters & Premiere Presenters: Nate Becker & Taylor Nielsen  
Res Ch Sr Presenters: Abigail Babcock & Valerie Gabel  
Ch Inter Presenter: Rose Ingracia  
Res Ch Inter Presenter: Nathaniel Gabel  
Ch Jr Presenter: Halsten Hutchings  
Res Ch Jr Presenter: Toby Jordan

### STYLE REVUE

Ch Style Revue: Haley Zabel  
Res Ch Style Revue: Kylee Plager  
Ch Shopping in Style: Chloe Hammond  
Res Ch Shopping in Style: Sheridan Swotek  
Clothing 1: Carman Kinkaid  
Decorate Your Duds: Bailee Gunnerson  
Make One/Buy One: Kylee Plager  
Upcycled Garment: Emily Pillard  
Apron: Karter Kincaid

### TABLE SETTING

Jr Picnic: Grace Spaulding  
Jr Casual: Livia Swanson  
Jr Birthday: Julia Cooper  
Inter Picnic: Eric Jr Vander Woude  
Inter Casual: Katie Borcharding  
Inter Birthday: Emma Lanik  
Inter Formal: Valerie Gabel  
Sr Picnic: Lydia Clarke  
Sr Casual: Sheridan Swotek  
Sr Formal: Paige Borcharding

### LIVESTOCK JUDGING

Sr Ch: Renae Sieck  
Inter & Jr Ch: Stashia Patiz



### ELITE SHOWMANSHIP

1st Place: Madalyn Scott  
2nd Place: Kylee Plager  
3rd Place: Allison Docter  
4th Place: Taylon Lienemann  
5th Place: Cassie Meyer

## Top Animal Exhibits

### BEEF

Ch Supreme Breeding Heifer: Lauren Robertson  
Res Ch Supreme Breeding Heifer: Renae Sieck  
Ch Supreme Feeder: Brett Heinrich  
Res Ch Supreme Feeder: Peyton Goracke  
Grand Ch Market Heifer: Ashtyn Cooper  
Res Grand Ch Market Heifer: Caitlyn Walbrecht  
Grand Ch Market Steer: Brett Heinrich  
Res Grand Ch Market Steer: Brandon Sieck  
Supreme Ch Showmanship: Brett Heinrich  
Ch Sr Showmanship: Taylon Lienemann  
Ch Inter Showmanship: Skylar Lienemann  
Ch Jr Showmanship: Brett Heinrich

### DAIRY CATTLE

Overall Ch Showmanship: Cassie Meyer  
Ch Sr Showmanship: Yahsmin Gorji  
Ch Inter Showmanship: Cassie Meyer  
Ch Jr Showmanship: Isabella Hytrek  
Sr Ch Holstein Heifer: Cassie Meyer  
Jr Ch Holstein Heifer: Cassie Meyer  
Sr Ch Cross Breed Heifer: Cassie Meyer  
Jr Ch Cross Breed Heifer: Cassie Meyer  
Jr Ch Jersey Heifer: Catherine Hytrek  
Jr Ch Milking Shorthorn Heifer: Benjamin Meyer

### BUCKET CALF

Ch Bucket Calf Jr Division: Megan Lange  
Res Ch Bucket Calf Jr Division: Heather Lange  
Ch Bucket Calf Inter Division: Cassie Meyer  
Res Ch Bucket Calf Inter Division: Kaleb Sorge

### SHEEP

Grand Ch Market Lamb: Madalyn Scott  
Res Grand Ch Market Lamb: Cole Cooper  
Ch Exhibitor Bred & Owned Market Lamb: Trevor Spath  
Res Ch Exhibitor Bred & Owned Market Lamb: Cole Cooper  
Supreme Ch Breeding Ewe: Riley Scott  
Ch Sr Showmanship: Allison Docter  
Ch Inter Showmanship: Cole Cooper  
Ch Jr Showmanship: Kila Jordon

### SWINE

Ch Overall Market Swine: Jaclyn Heinrich  
Res Ch Overall Market Swine: Jordan Nielsen  
Ch Sr Showmanship: Madalyn Scott  
Ch Inter Showmanship: Kylie Gana  
Ch Jr Showmanship: Brett Heinrich  
Ch Breeding Gilt: Judson Tietjen  
Res Ch Breeding Gilt: Trevor Spath  
Ch Pen of Three: Drew Doak  
Res Ch Pen of Three: Nicolette Larsen

### MEAT GOAT

Grand Ch Meat Goat: Lilian Bogle  
Res Ch Meat Goat: Lilian Bogle  
Ch Meat Goat Showmanship: Kylee Plager  
Res Ch Meat Goat Showmanship: Lilian Bogle  
Ch Jr Showmanship: Jayden Hamel



### DAIRY/PYGMY GOAT

Ch Sr Showmanship: Sheridan Swotek  
Ch Jr Showmanship: Corianna Kubicek  
Ch Overall Alpine Goat: Corianna Kubicek  
Res Ch Overall Alpine Goat: Corianna Kubicek  
Ch Overall Nigerian Goat: Corianna Kubicek  
Res Ch Overall Nigerian Goat: Corianna Kubicek  
Ch Overall Nubian Goat: Corianna Kubicek  
Res Ch Overall Nubian Goat: Genevieve Moyer  
Ch Toggenburg Goat: Corianna Kubicek  
Ch Overall Pygmy Goat: Genevieve Moyer  
Res Ch Overall Pygmy Goat: Katherine Moyer  
Ch Sr Pygmy Goat Showmanship: Genevieve Moyer  
Ch Jr Pygmy Goat Showmanship: Katherine Moyer

### LLAMA/ALPACA

Ch Sr Showmanship: Alyssa Jensen  
Ch Inter Showmanship: Olivia Waters

### POULTRY

Best of 4-H Poultry Show: Evan Merrell  
Ch Sr Showmanship: Stella Uiterwaal  
Ch Jr Showmanship: Linara Carlson  
Ch Large Fowl: Evan Merrell  
Res Ch Large Fowl: Judson Tietjen  
Ch Water Fowl: Kristen Benes  
Res Ch Water Fowl: Izac Martin  
Ch Bantam: Sophia Bonifant  
Res Ch Bantam: Sophia Bonifant  
Ch Guinea Fowl: Kristen Benes  
Res Ch Guinea Fowl: Kristen Benes  
Ch Overall Poultry Pet Class: Judson Tietjen  
Res Ch Overall Poultry Pet Class: Linara Carlson

Judging Contest Sr Ch: Abigail Babcock  
Judging Contest Jr Ch: Eliana Babcock  
Breed ID Contest Sr Ch: Christine Cooper  
Breed ID Contest Jr Ch: Zachary Pittman

### RABBIT

All-Around Showman Award Ch: Alyssa Zimmer  
All-Around Showman Award Res Ch: Emily Harms  
Best 4 Class: Abigail Scott  
Best 4 Class Res: Ian Maahs  
Best 6 Class: Emma Sondgeroth  
Best 6 Class Res: Rhianna Metcalf  
Ch Sr Showmanship: Austin Hurt  
Ch Inter Showmanship: Bailee Gunnerson  
Ch Jr Showmanship: Luke Harms  
Judging Contest Sr Ch: Austin Hurt  
Judging Contest Inter Ch: Alyssa Zimmer  
Judging Contest Jr Ch: Ayla VanAsperen  
Breed ID Contest Sr Ch: Austin Hurt  
Breed ID Contest Inter Ch: Emily Harms  
Breed ID Contest Jr Ch: Rhianna Metcalf  
Quiz Bowl Sr Ch: Austin Hurt  
Quiz Bowl Inter Ch: Joli Brown  
Quiz Bowl Jr Ch: Carter Smith

### DOG

Ch Trophy Showmanship: Ivy Dearthmont  
Ch Inter Showmanship: Bethany Wachter  
Ch Beginning Jr Showmanship: Maleah Jamison  
Pre-beginning Agility A - Level 1 Ch: Emely Troy  
Pre-beginning Agility B - Level 1 Ch: Bethany Wachter  
Beginning Agility A - Level 2 Ch: Jacob Chipps  
Inter Agility - Level 3 Ch: Spencer Peters  
Inter Agility - Level 4 Ch: Ivy Dearthmont  
Obedience Brace Team Ch: Spencer Peters

### CAT

Best in Show: Emma Whaley  
Most Expressive Eyes: Kylee Plager  
Most Catitude: Sheridan Swotek

### HOUSEHOLD PETS

Ch Mammal: Abigail Babcock  
Ch Bird: Jay Stander  
Ch Fish, Reptiles/Amphibians: Maleah Jamison

### HORSE

Ch Western Sr Showmanship: Elli Deamont  
Ch Western Jr Showmanship: Madison Sobotka  
Ch Western Elementary Showmanship: Clara Bradbury  
Ch English Sr Showmanship: Grace Kim  
Ch English Jr Showmanship: Madison Sobotka  
Ch English Elementary Showmanship: Clara Bradbury  
Ch Groom & Care: Harper Rosenstiel  
Grand Ch Halter Pony: Ashley Bradbury  
Res Grand Ch Halter Pony: Kate Rawlinson  
Grand Ch Stock Horse ages 4 & up: Bailey Peterson  
Res Grand Ch Stock Horse ages 4 & up: Audrey Heusinger  
Grand Ch Aged Horse Ages 15 & up: Morgan Chipps  
Res Grand Ch Aged Horse Ages 15 & up: Aubrey Kelley  
Grand Ch Hunter/Saddleseat Horse ages 4 & up: Grace Kim  
Res Grand Ch Hunter/Saddleseat Horse ages 4 & up: Logan McDonald  
Grand Ch Hunter/Saddleseat Aged Horse Ages 15 & up: Kenzy Hayes  
Res Grand Ch Aged Hunter/Saddleseat Horse Ages 15 & up: Alexa Starner

Top horse awards will be announced at 4-H Horse Awards Night.





# EXTENSION CALENDAR

All events will be held at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln, unless otherwise noted.

## August

Aug. 22–Sept. 1 **Nebraska State Fair, Fonner Park, Grand Island**

## September

- 2 **4-H Council Meeting** ..... 7 p.m.
- 3 **Barb Ogg's Retirement Reception** ..... 3:30–6 p.m.
- 8 **Stepping On Workshop** ..... 1–3 p.m.
- 11 **Co-Parenting for Successful Kids Class** ..... 12:30–4 p.m.
- 12 **Extension Board Meeting** ..... 8 a.m.
- 14 **4-H Teen Council Meeting** ..... 3 p.m.
- 15 **Stepping On Workshop** ..... 1–3 p.m.
- 20–21 **Ak-Sar-Ben 4-H Horse Show, Lancaster Event Center**
- 22 **Stepping On Workshop** ..... 1–3 p.m.
- 23 **Guardian/Conservator Training** ..... 1:30–4:30 p.m.
- 25–28 **Ak-Sar-Ben 4-H Stock Show, CenturyLink Center, Omaha**
- 27 **Composting Demonstration, Pioneers Park Nature Center's backyard**  
composting demonstration area ..... 10 a.m.
- 29 **Stepping On Workshop** ..... 1–3 p.m.

## Barb Ogg Retires

### Public Invited to Reception Sept. 3

Extension Educator Barb Ogg has been with University Nebraska–Lincoln Extension in Lancaster County for 22 years. Barb will retire on Aug. 31. **The public is invited to Barb's retirement reception on Wednesday, Sept. 3, 3:30–6 p.m. at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln.**

If you would like to submit a letter or card to be included in a book of letters for Barb, please send by Friday, Aug. 29 to: Attn Lorene, UNL

Extension in Lancaster County, 444 Cherrycreek Road, Suite A, Lincoln NE 68528. We would like to present these to Barb during the reception.

Barb received a Bachelor of Science in Zoology from Michigan State University and Master of Science and doctorate in Entomology from Iowa State University. She joined UNL Extension in Lancaster County in 1992.

Barb has coordinated the City of Lincoln's Biosolids Land Application Program. In the last 22 years, more than 663,000 tons of biosolids have been recycled and applied to crop fields, rather than being landfilled. This program has saved more than \$6.6 million for landfill users and valuable space in the Bluff Road landfill.

Throughout her career, Barb has helped thousands of people in Lancaster County deal with insect and pest problems. She has promoted the least-toxic solutions to problem household insects. She has initiated and co-developed pest-related educational resources and programs for the public, pest management professionals and has served as a resource for state and local agencies and non-profit groups.

Major resources Barb has



Extension Educator Barb Ogg will retire after 22 years with UNL Extension in Lancaster County on Aug. 31. She has developed many pest-related educational materials and programs which have been used locally and globally.

contributed to include *Cockroach Control Manual*, *Subterranean Termites: A Handbook for Homeowners* and a 9-minute video, *Removing Head Lice Safely*. The video was a National Telly Award finalist in 2000. It is available on DVD and YouTube in English, Spanish, Arabic and Russian.

Major workshops she helped develop and present included "Cockroach Combat" "Everything Homeowners Need to Know about Termites and Termite Control" and "Termite Hands-on Trainings for Professionals." Since 2007, she has conducted more than 125 educational programs about bed bugs for the public, agencies, medical personnel, pest management professionals and other groups in Nebraska and surrounding states.

Many of these educational resources are available on UNL Extension in Lancaster County Extension's website at <http://lanaster.unl.edu>. The "Insects, Spiders, Mice and More" portion of the website attracts almost 2 million users annually. She was a guest on KFOR 1240's "Problems and Solutions" many times over the years.

Barb was recognized in 2006 with UNL Extension's Distinguished Extension

Educator Award and in 2007 with the UNL Institute of Agriculture and Natural Resources Holling Family Award for Teaching Excellence. This November, she will receive a Lincoln-Lancaster County Environmental Leadership Award in the Government category for her efforts to improve our environment and protect public health.

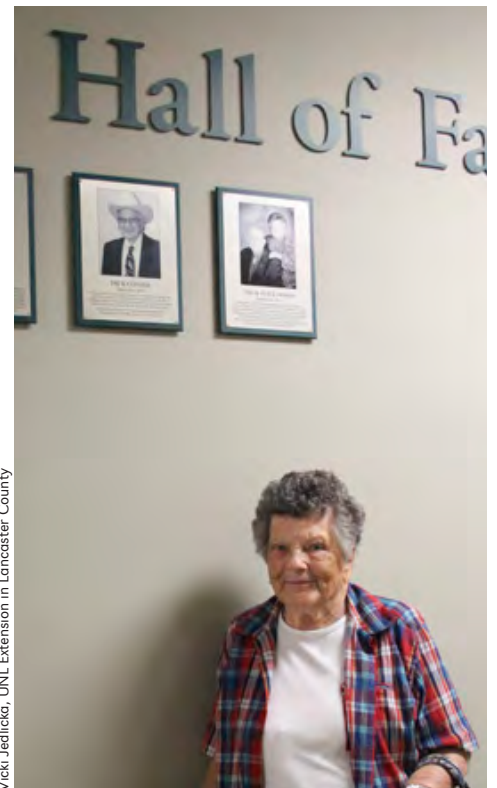
Harry Heafer, Environmental Health Specialist says, "Barb has provided an immense service to me and co-workers here at the Lincoln-Lancaster County Health Department, helping us learn more about the intricacies of various insect pests so we can better respond to the public. We direct citizens to Barb to identify insects, bugs and spiders. She has also kept me updated on some of the latest research on the best practices for pest control of roaches and bed bugs. Barb is an invaluable resource and will be greatly missed."

On behalf of the Extension office, we will miss Barb's dedication and passion for helping those in the community. She epitomizes the ideals and excellence of the Extension staff at UNL. We are proud to call Barb our colleague and friend. Best wishes and happy retirement, Barb!

## Doanes Receive Ag Society Hall of Fame Award

Alice and the late Ted Doane are the 2014 recipients of the Lancaster County Agriculture Society Hall of Fame. This award, established in 2009, formally recognizes individuals who have dedicated time and effort to the Lancaster County Agriculture Society beyond the normal volunteer and who have made significant contributions to the establishment, development, advancement or improvement of the Lancaster County Fair.

Ted and Alice Doane have been lifelong supporters of the 4-H program, Lancaster County Fair and agriculture. Ted, a UNL professor in Animal Science, gave his time and talents not only to his students, but to the youth of Lancaster County. He volunteered at the Lancaster County Fair from 1955 until his passing in 2014. Ted and Alice helped in the areas of sheep and clothing, and supported the 4-H Speech Contest. They were co-leaders of the Progressive Herdsman 4-H Club. Alice still supports the Speech Contest and sheep show.



Vicki Jedlicka, UNL Extension in Lancaster County

Alice Doane is pictured standing beneath her and Ted's plaque on the Lancaster County Ag Society Hall of Fame at the Lancaster Event Center (located in the Business Center).



## 4-H Kick Off Thursday, Oct. 9 • 6 p.m.

Lancaster Extension Education Center  
444 Cherrycreek Rd., Lincoln

Find Out How  
Youth Ages 5–18  
Can Join 4-H!

Adults Are  
Needed to Help  
Organize Clubs!



402-441-7180 • [lanaster.unl.edu/4h](http://lanaster.unl.edu/4h)

## Experience the Power of Red

An open house for prospective high school, transfer students, and guests

Sponsored by the College of Agricultural Sciences and Natural Resources

**Saturday, Oct. 18**

**9 a.m.–2 p.m. • UNL's East Campus**

- Learn more about how we prepare students for careers in everything from animals to plants, soil to climate, golf to business, mechanization to leadership, food to forensic science
- Meet current students, faculty, and staff

To view the schedule or to register, go to <http://casnr.unl.edu/openhouse>

Please register by Oct. 10. No charge to attend.

402-472-4445

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