

## 4-H Clover College is Hands-On Fun, Learning

Held each June, 4-H Clover College is a four-day series of hands-on workshops for youth presented by University of Nebraska-Lincoln Extension in Lancaster County. This year's Clover College, held June 19-22 featured 46 workshops and 686 total registrations! A special thank you to the 74 instructors and assistants! More photos are online at <http://lanaster.unl.edu/4h>



New at Clover College were two workshops taught by UNL Physics Professor Kevin Lee and SEPO volunteers. In "Starlight, Starbright" (pictured above), youth built small telescopes and star charts. In "Spectacular Spectrometer" (pictured below), youth built spectrometers to measure the properties of various light sources.



Also new, a three-day "Kids' Real Science" class put the scientific method to use with fun, hands-on experimentation. Each day had a different theme: chemistry, biology and physics.



Youth learned beginning sewing skills in "Hooded Towels" taught by Extension Educator Maureen Burson.



Youth got a hands-on look at how to care for horses (pictured above) and dairy goats in "Horse of Course" and "Great Goats."



In "Fishing Fun," youth caught (and released) several bullheads and catfish at nearby Oak Lake.



The "Clover Kids Day Camp" for youth ages 6 and 7 was four days of fun! Youth participated in a wide range of activities such as learning to measure foods (pictured at right), making birdseed pinecones, making cards from recycled greeting cards and creating clay-covered pens.

## Can You Guess It?



Jim Kalisch, UNL Entomology

Did you guess it? Find out at <http://lanaster.unl.edu>  
 Did you guess it from the July NEBLINE?  
 The answer was Soybean Aphids on Soybean Plant

## Salute to Volunteers

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4-H volunteers fill a wide range of vital roles at the county fair: superintendents supervise a project area or contest, volunteers help set-up displays and animal pens, Fair Fun Day guides lead day care groups on tours, and some volunteers help with specialty tasks such as preparing the horse arena surface or decorating the style revue stage.

Staff member Deanna Karmazin says, "We estimate 4-H volunteers invest over 15,000 hours at the county fair for an approximate value of \$270,000 to the community. However, the experience for 4-H youth and volunteers is priceless."



### Ron Suing, Engineering Superintendent

"50 plus years ago, I first entered a bird house at the Boyd County Fair and received a blue ribbon. The judge wrote some constructive comments on my scoring sheet which led me to pay more attention to detail on following projects. Now, being in charge of engineering is my way of giving back to a great institution such as 4-H."

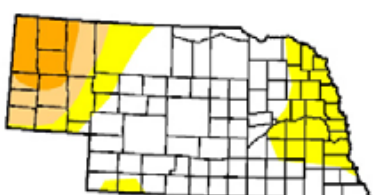
### Martin Dye, Horse Program Volunteer

"I think one of the greatest rewards come from helping youth get a chance to be successful: win, place or show. To be a part of their experience that will affect them in some way the rest of their lives. The time given always is repaid many times. More people need to take the time to give of themselves so they can enjoy the rewards."

## U.S. Drought Monitor Map

As of July 10, most of Lancaster County was in abnormally dry conditions.

	Drought Conditions (Percent Area)				
	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	61.8	38.2	16.1	8.1	0.0
Last Week (07/03/2007 map)	72.8	27.2	14.5	7.4	0.0
3 Months Ago (04/17/2007 map)	61.0	39.0	25.4	16.7	8.7
Start of Calendar Year (01/01/2007 map)	35.9	64.1	56.3	38.9	25.6
Start of Water Year (10/01/2006 map)	9.0	91.0	66.9	41.6	30.7
One Year Ago (07/11/2006 map)	0.0	100.0	78.4	38.1	0.0



Intensity:  
 D0 Abnormally Dry  
 D1 Drought - Moderate  
 D2 Drought - Severe  
 D3 Drought - Extreme  
 D4 Drought - Exceptional

For the most recent map, visit <http://www.drought.unl.edu/dm>

Source: National Drought Mitigation Center, University of Nebraska-Lincoln



### Marian Hanigan, 4-H Teen Council president

"If others did not give their time to make the fair a reality, I would not be able to partake in the great experience. So, in turn, I give my time so that others can also enjoy the county fair."

