

Partners with Nebraska

Land-grant universities work with the people they serve. University of Nebraska–Lincoln teaches, discovers new knowledge through research, and extends that new, unbiased information across the state and beyond through extension.



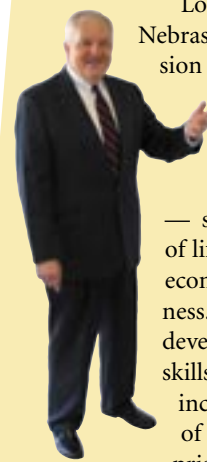
Extension is a division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln

cooperating with the counties and the United States Department of Agriculture. Extension helps Nebraskans put knowledge to work.



Termite School for Termite Applicators

Pioneering New Frontiers



Locally, University of Nebraska–Lincoln Extension in Lancaster County links university resources, research and knowledge to the community — strengthening quality of life, productivity and economic competitiveness. From local youth developing leadership skills through 4-H to increasing profitability of commercial enterprises, extension makes life better.

Communication between local extension educators and campus faculty/departments helps identify current needs, issues and concerns. This is especially important in times of food safety issues, crop and livestock diseases and bio-security. It also initiates future research to solve complex and emerging problems impacting Nebraska communities.

Partnerships in Lincoln's growing and diverse community help your local extension office leverage its resources and accomplish more. Combining resources and expertise with others gets things done faster. We pride ourselves on working with others throughout the community.

A growing community means more people and increases the challenge of providing personalized outreach. To be effective, we have utilized technology and developed a content-rich Web site that continues to expand exponentially. Extension staff also speak to larger audiences, such as Extension Educator Alice Henneman presenting at BryanLGH Medical Center with groups of 200 to 400 in attendance.

Extension's educational programs and services impact individuals, families, businesses, farms and local communities in many ways. Here are some impacts of this past year.

✓ Our staff responded to over 23,500 phone calls, walk-ins and e-mails from the public requesting information.

✓ A survey of the attendees at the Crop Protection Clinic estimated an increased profit potential of \$6.72 per acre on 662,484 acres for a \$4.5 million benefit to participants.

✓ Research shows for every dollar of Nutrition Education Program funding, there is a projected health care cost savings of \$2.07–\$5.29.

✓ 14,848 youth participated in the Lancaster County 4-H youth development program, which focuses on learning-by-doing.

✓ The Citizenship Washington Focus 4-H group completed a three-year project, culminating with an in-depth, 15-day learning experience traveling to Washington D.C.

✓ Our Web site received almost twice as many hits — from 3.3 million hits to nearly 6 million hits annually.

Gary Bergman

Gary Bergman,
Extension Educator & Unit Leader

New in Extension This Year

Hands-On Termite School for Termite Applicators

UNL Extension has presented Termite Control Workshops for Homeowners statewide for 10 years. Increased public awareness from these workshops emphasized the need for hands-on, in-depth training of entry-level termite applicators.

Extension Educator Barb Ogg organized a two-day Hands-on Termite School for Termite Applicators. Held in September, this was the first such training offered in Nebraska. Presenters included University of Nebraska–Lincoln faculty, Nebraska Department of Agriculture pesticide enforcement personnel and industry professionals. Ogg also co-authored and edited a reference manual, *Subterranean Termites: A Handbook for Nebraska Pest Control Professionals*.

According to post-workshop evaluations, 100 percent of attendees were better able to calibrate application equipment, 96 percent were more confident in their ability to identify termite and termite damage, 92 percent said they would be less likely to violate label directions. "Your school was well-organized, full of solid educational value," said Bob Heiney of B&G Equipment Company. "I wish there had been a school like this when I first went into pest control."

School Enrichment Nutrition Kits for K, 2nd and 3rd Grades

At the request of Lincoln Public School teachers, Extension Associate Mary Abbott — a registered dietitian with the Nutrition Education Program (NEP) — developed 4-H School Enrichment nutrition kits for kindergarten, 2nd and 3rd grades. "The kits are absolutely wonderful and have everything we need to succeed," says Kathy Bratt, a kindergarten teacher at Huntington Elementary School. "Mary teaches at the grade level of the students — not too easy or not too difficult."

Designed to supplement the school health curriculum, the kits contain materials for hands-on educational experiences. Teachers may request the kits for a three-week period. NEP staff present a handwashing and healthy-snack experience to each classroom when delivering the kits.



School Enrichment Nutrition Kit for Kindergarten

NEP's school enrichment kits for 1st, 4th and 5th grades are now in their sixth year. Using the kits, teachers now average 13 hours of classroom teaching per year — up from 2 hours when the program began. To date, 11,972 students have participated in NEP's School Enrichment program, and the federal Food Stamp Nutrition Education Program has invested more than \$127,000 into the Lincoln community as the result.



"GPS Basics" at 4-H Clover College

4-H and GPS Technology

Lancaster County 4-H began introducing youth to Geographic Information Systems (GIS) and Global Positioning Systems (GPS) technology. With the help of members from the local Civil Air Patrol squadron, a "GPS Basics" workshop was offered at this year's 4-H Clover College. With funding from the Nebraska 4-H Foundation, Lancaster County 4-H placed a geocache as part of the high-tech adventure game, geocaching. 4-H also added

a GIS/GPS static exhibit category at the Lancaster County Fair.

"Container Plants" Video

Extension Educators Don Janssen (of Lancaster County) and John Fech (of Douglas/Sarpy Counties) developed the seventh of UNL Extension's series of horticultural videos which can be used as training tools for the commercial horticulture industry or as educational tools for interested individuals. The horticultural videos/DVDs can be ordered online at <http://lancaster.unl.edu/hort>.

NEW IN EXTENSION continued on next page



"Container Plants" Video