LINN COUNTY EXTENSION
2008 ANNUAL REPORT
108 NORTH HIGH STREET,
ROOM 209
P.O. BOX 81
LINNEUS, MO 64653

Website: http://extension.missouri.edu/linn
Office hours: Monday-Friday, 8:30 a.m. – 4:30 p.m.

“Equal Opportunity/ADA Institution”
The University of Missouri Extension council and staff would like to thank the Linn County Commissioners for their support and funding for programs during this past year. In turn, the council and staff remain committed to improve people’s lives by helping them meet the opportunities and challenges of the 21st century with research-based education and information.

County residents decide the direction of extension’s educational programming. Current emphasis areas in Linn County focus on Forage Production Systems, Management Intensive Grazing, Master Gardeners, Missouri Crop Management, Private Pesticide Applicator Training and 4-H/Youth Development.

The mission of University of Missouri Extension, a partnership of the University of Missouri campuses, Lincoln University, the people of Missouri through county extension councils, and the Cooperative State Research, Education and Extension Service of the U.S. Department of Agriculture, is to: "serve Missouri by extending the unbiased research-based knowledge and problem-solving resources of the University of Missouri and Lincoln University to focus on high-priority needs of people throughout the state." Both the University of Missouri and Lincoln are Missouri’s two land-grant universities, charged by federal acts of Congress to deliver extension programs.

Current programming efforts statewide focus on agricultural profitability and viability, building family and individual strengths, building human resources, business, community and economic development, enhancing health and nutrition, environmental quality and stewardship and youth development.

The contents of this report are a summary of the highlights of our educational efforts during the past year. We hope that this report provides a greater understanding about University of Missouri Extension programming efforts in Linn County.
December 2008

Dear Members of the County Commission and the Community:

As we begin another year, I want to thank you for your continued investment in University of Missouri Extension. Your investment makes it possible to provide educational programs to residents in your county that are Relevant, Responsive and Reliable. In these difficult economic times, it is particularly important that the programs you support show a return on investment.

Recently, the MU Community Policy Analysis Center completed an analysis of the economic impact of MU Extension programs statewide and found that:

Every $1 million dollar of investment in a broad range of programs:
- Generates more than $24 million in new or retained private sector jobs, sales and investments;
- More than $1.2 million in families’ reduced health care expense;
- Nearly $2 million in increased state, sales and property taxes.

Your county’s contribution is leveraged with other public and private funds, which allows MU Extension to deliver $96 million worth of educational programs.

Each year, MU Extension helps more than 1 million Missourians add value to their communities and improve their quality of life. The programs showcased in your county’s annual report give you a snapshot of MU Extension at work in your community.

If you have suggestions for how MU Extension can better serve your needs, please contact me or your local Extension Center.

Sincerely,

Michael D. Ouart
Vice Provost and Director

c: Provost Brian Foster
    Debbie Robison
    Beverly Coberly
    Sandy Stegall
1. The purpose of the agriculture program is to provide research based information and to make sound, economically responsible recommendations that help individuals, families, groups and agribusiness firms apply this knowledge.

2. Dr. Leon McIntyre’s programming areas include: soil testing, soil test interpretation, lime and fertilizer recommendations, micro-nutrient testing and recommendations, weed-insect-disease identification and control, environment related crop problems, crop scouting, current crop insect and diseases potential updates, forage production, forage variety performance and adaptability, forage quality and testing, pasture renovation and management, certification and recertification for the private pesticide applicator, hybrid corn and soybean variety selection, organic crop and vegetable production, home horticulture and Master Gardener training.

Program Title: Private Pesticide Application License Training
Participants learn: “Principles of Pest Control”; “Pesticides and their Effect on the Environment”; “The Pesticide Label; Safe Use of Pesticides”; “Harmful Effects and Emergency Response to Spills”; “Pesticide Storage and Disposal”; “Pesticide Equipment Application Calibration”; “Pesticide Laws and Regulations”; “Endangered Species Protection”; and “Licensed Pesticide Applicators Record Keeping”. This pesticide license is for “Restricted Use” pesticide application and it is in effect for 5 years.

Pesticide applicators learn to use pesticides only when needed (Integrated Pest Management), to use pesticides safely and not to harm themselves or the environment, to keep a record of every pesticide used and not use pesticides where endangered species are present.

In 2008, approximately 70 people recertified or certified for their Private Pesticide Applicators License. On January 22, 2008, Brookfield Area Career Center, a scheduled P.A.T. training was held. Year 2008 brought a low number for Linn County with 15 people recertifying. For the counties I programmed in, over 90 producers took this training of recertification this year. Many producers have gone on to receive their Commercial Pesticide Applicators License. January 22, 2008, I attended a Recertification Workshop for my Certified Public Operator License at Columbia, MO. This license authorizes MU Extension Agronomists to train producers for their Private Pesticide Applicator License. My Public Operators license has to be renewed every three years.

Program Title: Consultation and Information for Clientele
(Telephone, Email, an mailed information)
Over 450 phone calls, and emails were fielded from our clientele (farmers, bankers, agribusinesses, teachers, FFA advisors, real estate brokers, etc). About 25% of these people were mailed MU Guides and other information they requested or were given the MU campus internet address on the subject, such as AGEBB, the Agricultural Electronic Bulletin Board.

Program Title: Forage Grass and Legume Variety Trials
A yield trial at Forage Systems Research Center was planted in 2002 and harvested in 2003 and 2004. Dr. McIntyre solicited seed from 12 seed companies to be tested.
All livestock producers of grazing animals (cattle, sheep, goats, elk, etc.) were the target audience.
Data will be analyzed and published in Ag Beat and other University Extension Newsletters for producers to learn how each variety yields and persists and their potential use in North Missouri. Data readers will use this grass variety performance information to select adapted varieties when they seed new pastures or renovate a pasture. This research will give producers variety names and seed sources that can be used to increase their profitability. This is new information that producers had no knowledge of before and in an area (forage production) where there is little new useful information.

Program Title: Ag Beat Newsletters
Ag Beat is a quarterly newsletter with the latest news, research and programming events by the University Extension specialists of Linn, Sullivan, Putnam, and Schuyler counties. Each issue features internet addresses, publications and MU Guides pertaining to the subject matter. This newsletter reaches over 3,000 people, 1,000 households (263 in Linn County). Ag Beat is delivered to people of all vocations, such as grain and livestock producers, conventional and organic producers, gardeners, truck gardeners, teachers, bankers, agri-businesses and retirees. Readers learn about horticulture, crop and forage production, livestock production and agri-business subjects. Reader’s lives are changed by the addition of knowledge, labor and money saving ideas that are fairly simple to implement. “I read the entire newsletter from cover to cover, keep it coming, it’s very good” is a comment that is heard often. Newsletter input is provided by: Jennifer Schutter (Horticulture), Darla Campbell (Agri-Business), Joe Koenen (Agri-Business), Chris Zumbrunnen (Livestock), and Dr. McIntyre (Agronomy). My agronomy subjects were: January/February/March - “New Herbicide Updates for 2008”; April/May/June - “Corn Insect Update”; “Soybean Insect Update”; and “Preemergence Herbicides Feasible?”; July/August/September - “Declining Alfalfa Stands?”; “Reducing Hay Storage Loss”; “Baleage”; and “Stockpiling for Winter Pasture”. October/November/December - “Lime: Cheapest Fertilizer!”; “New Biotechnology for 2009”; “Aphid Resistant Soybeans”; “Soybean Marketing Changes”; and “Soybean Cyst Nematodes”.

Program Title: Weekly Radio Programs
A 4-5 minute radio broadcast on agronomic, horticulture, agricultural news, Extension programming and human-interest stories. Broadcast spots are on KMZU, “The Farm” FM 100.7, Carrollton, MO. Saturday, noon hour and KRES, FM 104.7, Moberly, MO at 6:45 a.m. Saturday. There were about 106 broadcasts in 2008. These broadcasts reach listeners in 8 or more of the 16 counties in the Northeast, Northwest and Central Regions of Extension. Radio broadcast information is used by listeners to improve their lives, income, avoid unnecessary loss, and use pesticides safely. Useful knowledge is gained by listeners about most agronomic and horticultural subjects.

2008 Radio Broadcasts KRES and KMZU Radio:
1/5 - Heirloom Seeds
1/12 - Private Pesticide Applicator License Training Schedule
1/19 - Clone Animals in Food?
1/26 - New Corn herbicides for 2008
2/2 - New Soybean Herbicides for 2008
2/9 - Roundup Ready 2 Yield Soybeans (New Technology Trait)
2/16 - Frost Seeding and Pesticide Applicator Training Schedule for 6 Counties
2/23 - Frost Seeding and 4-H Plant Science Training
3/1 - Corn Yields with Different Nitrogen Fertilizer Sources and Placements
3/8 - New Soybean Insect Pest—Dectes Stem Borer
3/15 - Pruning Ornamental Shrubs, Trees & Fruit Trees
3/22 - Crabgrass Control
3/29 - As Glyphosate Prices Rise, Preemergent Herbicides Become More Feasible!
4/5 - Potential Corn Insect Pests and 4-H Plant Science Training
4/12 - Weed and Insect Identification and Control Information
4/16 - Weed and Insect Identification and Control Information
4/26 - Corn Planting Delay?
5/3 - Corn Planting Delay?
Program Title: Master Gardener Training Programs

Master Gardener Training has a great impact on participants. Short term results are awareness of how plants grow, reproduce, the soil and environment management they need for best growth. Different management, soil fertility and care is required for vegetables, ornamentals, or fruit production. Long term impacts are social and economic. Master Gardeners develop a much larger friendship base through these and associated programs.

A Master Gardener Training Program was completed in July-October 2007. In 2009, March-May a new Master Gardening training workshop will be done at Brookfield. In 2008 the only Linn County meetings were Heartland Master Gardener meetings, there were 10 meetings.

Master Gardener Training Program, April 1, 2008 was presented at the Brookfield Area Career Center. I taught “Starting Plants From Seeds, Acorns and Nuts”. This program instructed gardeners on how and when to start plants. Acorns and nuts have a dormancy that must be broken before you can get them to germinate.

Organic Gardening Workshop, April 4, 2008 at Macon, MO. was the combined effort of Jennifer Schutter, (Horticulture Specialist), Darla Campbell (Agri-Business Specialist), and Dr. Leon McIntyre (Agronomy Specialist). I taught “Organic Fertilizer Sources, Fertility, and Organic Soil Amendments”. Fifty-five people attended, two from Linn County, there was a great amount of discussion and very good evaluations.

Gardening Challenges Workshop, September 4, 2008 Kirkville, MO. at the Missouri Department of Conservation building. Seventy-three people attended this workshop with 3 from Linn County. This was an excellent face to face teaching
workshop with numerous questions and excellent evaluations.

Great Plains Vegetable Growers Conference, January 11-12, 2008 at St. Joseph, MO. I attended this conference which is an excellent conference and trade show for the latest trends, university research, soil fertility, weed control, insect control, organic weed and insect control, vegetable producers cultural practices and almost any production aspect you can think of.

Master Gardener Training Class, September 15, 2008 at the Adair county Extension Center, Kirksville, MO. My teaching subject for the three hour class was “Soils, Soil Fertility, Fertilizers (organic and commercial), Liming/Acidifying Soil, Soil Amendments, and Pesticide Safety”. Fifteen people attended my class. They had many questions and there was good discussion. An eight page handout was given to the students and evaluations were very good.

Program Title: 2008 Management Intensive Grazing Schools
These schools are 7.5 hours of instruction on Management Intensive Grazing with 10 subjects covered plus a hands on field exercise and farm tour. Producers are required to attend this training to qualify for DSP3 cost-share program offered by the NRCS (Natural Resource Conservation Service). Tim Clapp (NRCS Macon) and Leon McIntyre (Extension Agronomist) are the two coordinators for MIG schools in the Northeast Region of Extension. These MIG schools are set up to give producers the training they need for cost share who cannot attend the 3 day school at F.S.R.C. These MIG schools (1.5 days) are set up for Friday nights and all day Saturday to accommodate the producers who have off-farm jobs and work Monday-Friday.

All grazing livestock producers in Northeast Missouri who want to learn the complete background on Management Intensive Grazing are the audience. Participants learned the advantages, economics, equipment needs, livestock handling, pasture fertilization, variety selection and fencing techniques that can be used in MIG. Participants were equipped with the knowledge, economics and hands-on experience of how they can set up a MIG system to fit their needs and qualify for cost-share programs at the NRCS.

In 2008 I coordinated and taught in 2 MIG Schools. The MIG School at Macon was May 16-17, 2008. Twenty-three producers attended, 2 women and 21 men, one person was from Linn County.

On August 22-23, 2008 the second MIG School was held at Greenly Research Farm, Novelty, MO., 15 producers attended, 13 men and 2 women. My teaching subjects at these MIG Schools were “Basic Forage Growth and Management”; “New Forage Review”; “Managing Fescue and Adapted Forages”; “Stockpiling for Winter Pasture”; and the field tour hands on “Identifying Pasture Plants and Weeds”; and “Soil Testing Procedures”. For these two MIG Schools the evaluations were very good.

Program Title: 4-H Youth Development Programs and Other Youth Programming
In 2008 I started Plant Science programming for 4-H Youth Development and 4-H project leaders. One area of 4-H programming is plant science and technology which includes three teaching books in Horticulture (Units 1,2,&3), and four in Gardening (Units 1,2,3, &4). I read all these units to get their plant science curriculum. I held a plant science program (Essential Plant Nutrients, Fertilizers, and Soil Amendments) for 4-H project leaders and 4-H members in five counties. These teaching meetings were put in each county's 4-H newsletter and were held February 25th (Kirksville), February 26th (Moberly), February 28th (Macon), March 18th (Unionville), and April 4th (Brookfield). Attendance was 2-4 people at each location but evaluations were excellent. All my mileage and travel expenses were paid by a Plant Protection Program (PPP) Grant. For increased impact through larger numbers attending I requested to speak at monthly 4-H council meetings.

The first was Randolph County September 22, 2008. Fourteen people attended, 11 women and 2 young ladies, and 1 young man. The ladies included Tracie Moore, 4-H Youth Specialist. The evaluations were excellent and I plan more of these plant science meetings. Impact is to teach the various items of essential plant nutrients, soil amendments, fertilizers, basic plant growth requirements, and 4-H plant project fun.

Program Title: Soil Tests
Soil tests are signed and comments made when lime or another nutrient is needed to bring crops, pasture or hay fields up to their production potential. There were over 200 soil tests signed and I wrote agronomic comments on more that 70% of them. Furthermore, I get requests to convert other soil test laboratory results to the University of Missouri standards. This service takes much more time and then we have to print out the results and send them to the clientele.
Program Title: 2008 Crop Injury Diagnostic Clinic July 24-25, 2008
I attended this clinic at UMC Bradford Farm, Columbia, MO. The classes I took were: “Stored Grain Insects”; “Nutrient Deficiencies and Soil Properties”; “Herbicide Injury and Symptomology”; “Invasive Plant Identification”; “Water Deficit Stress and Drought Tolerance”; “Field Crop Insects”; and “Use of Grass Buffers to Reduce Herbicide Transport”.

Program Title: 2008 Agronomy Teleconferences
From March to July of 2007, UMC Agronomy Department Extension Specialists and the Regional Agronomy Specialists have a weekly teleconference each Wednesday for one hour starting at 8:30 a.m. This teleconference usually includes Rob Kallenbach (UMC Forage Specialist) Bill Wiebold, (UMC Crops), Laura Sweets (UMC Pathologist), Wayne Bailey (UMC Entomologist), and Pat Guinan (UMC Climatologist) with all the Regional Agronomy Specialists. Each agronomist reports on the weekly rainfall, crop planting progress, crop scouting for insects, weeds, diseases, and any other event, trend or news that may affect producers. This information was used for radio and newspaper articles to alert and warn producers of potential insect and disease problems.

Program Title: 2008 Integrated Pest Management Work and Scouting
Each year I and other Regional Agronomists work with UMC Agronomy Specialists to scout for crop and forage insects and diseases. In 2008 I monitored a Black Cutworm Pheromone trap, European Corn Borer Pheromone trap, Japanese Beetle Pheromone trap, and a Western Bean Cutworm Pheromone trap. These traps are set out and checked two times a week from April-September depending on which insect. Black Cutworm and European Corn Borer are in Linn County every year and occasionally cause crop damage. Western Bean Cutworm moths are moving in some from the west, I caught the first WBC moth in Linn County in 2006 and none in 2008. WBC larva can damage immature corn kernels like corn earworms do if they increase to high numbers. No Japanese Beetles have been found in Linn County yet. Japanese beetles feed on corn silks and prevent pollination.

For 2008 I managed a Soybean Rust “Sentinel” plot. The plot was monitored starting in late May through October. In early June agronomists collected 100 soybean leaflets each week, putting them in a zip-lock plastic bag with a moist towel and shipped them overnight to Allen Wrather, MU Pathologist to identify soybean rust if present. No soybean rust was found in Linn County in 2008. Soybean rust was however detected late in one county in Missouri. Soybean rust was found in very low amounts like 2-3 infected leaves out of 100.

Program Title: Soil Water and Conservation District Board Secretary (SWCD) for Linn and Macon Counties.
In 2008 I attended 11 Linn County SWCD meetings and 9 Macon County SWCD meetings as secretary of both boards. September 17, 2008 I attended the Missouri Soil and Water Districts Commission Meeting in Jefferson City at the request of the two county SWCD’s. SWCD county boards include four producers and one University of Missouri Extension Specialist (secretary). These boards oversee the SWCD cost-share programs ($800,000 plus funds for each county), SWCD rules and regulations, annual programs and office management.

Program Title: County Program Director.
County Program Director duties took about 20% of the Regional Specialists time during the year 2008. We are just two years into the County Plan of Work for 2007-2011. The typical duties of a CPD are attending and advising when needed at monthly Extension Council meetings, securing candidates for council elections, (two people for each of the four Agricultural Representative positions, two Business Representatives positions, two Education Representative positions, and one 4-H Representative), training Extension Council members, working with County Commissioners, Extension office maintenance and management, attending UMC Extension Annual meetings, attending Northeast Region Staff meetings, and Northeast CPD meetings. This CPD has two special assignments, Secretary of the Linn and Macon County S.W.C.D’s.

March 5, 2008 I attended Legislative Day at Jefferson City, MO. where we called on Senator Brad Lager and Representative Tom Shively thanking them and asking for their continued support of the University of Missouri Extension. September 29, 2008, Dave E. Baker, Assistant Dean and Program Director spoke to the Linn County Extension Council about all the potential Agricultural and Natural Resources programs offered by the University of Missouri Extension. October 5-9, 2008 I attended the University of Missouri Extension Annual Conference.

In 2008 I attended all northeast Regional Staff meetings, all the Linn county Extension Council meetings, (9), and one Regional Extension Council meeting.
Program Title:  
ISE (In Service Education and Professional Meetings)
I attended ISE 508, Missouri Grape Production short course at Les Bourgeois Vineyards and Bistro, Rocheport, MO. I car pooled with Jennifer Schutter to seven sessions February 21st, April 10th, May 8th, June 5th, July 10th, September 11th and October 23, 2008. These meetings were at 1:00-5:00 p.m. It was all inclusive teaching on grape production to wine making, an excellent ISE.
ISE 413, Weed and Pest Management Field Day at Columbia, MO. This ISE covers all the latest weed and disease problems in corn, soybeans and wheat.
Plant Injury Diagnostic Clinic, July 24-25, 2008 at MU Bradford Farm, Columbia, MO. Excellent information on all plant disease and herbicide injury.
Farm Progress Show, August 26, 2008, Boone, Iowa. This was a great trade show with several special research speakers. Monsanto chemical company reported on their plans, research, and new biotechnology events, like the “Roundup Ready 2 Yield Trait” in soybeans and their future introduction of Liberty Link Soybeans, Dicamba Resistant Soybeans, and a 10 trait stack in corn hybrids.
Professional Meetings: American Society of Agronomy, Crop Science Society of America, and the Soil Science Society of America Joint Annual Meetings: October 5-9, 2008 at Houston, Texas. This was a meeting for professional development with the latest research in agronomy, crops and soils.

Program Title:  
Weekly Reports
Crop Progress and Condition System Report for the USDA (CPCS website for agricultural statistics). This report starts in March and continues through November. Each Monday agronomist are e-mailed the report and with a special user name and password we fill out this report, a possible 39 reports.

Program Title:  
Newspaper Articles for 2008
These articles were put in the Linn County Leader Newspaper:
- January 23rd -Cloned Food (meat from cloned animals)?
- February 7th -Private Pesticide Applicator training schedule for Linn, Sullivan, Macon, Randolph, Adair, and Putnam Counties
- February 20th –Frost Seeding Legumes into Grass Pasture
- March 21st –Crabgrass Control
- June 19th –Corn Size Restrictions for Postemergence Herbicides

Program Title:  
2008 Missouri Livestock Symposium
December 5-6, 2008. As a committee member I worked with members at symposium meetings to put together the agenda. On December 5th, I worked with committee members setting up trade show booths, the meal, and I picked up the speaker, Trent Loos. Saturday I helped as a facilitator at the Governor’s Style luncheon, etc. Nearly 1,200 people attended this educational event.

Program Title:  
2008 Integrated Pest Management Work and Scouting
Soybean aphids were found in numbers close to the 250 aphids/plant threshold in the fields of Ronald Noah and Kurt Williams, Bucklin, MO. Jerry Main and Junior Solomon, Marceline; Jason and Keith Beeler, Brookfield, MO. No treatment was required because the soybeans were at stage R-6 where soybean aphids do no damage.

Program Title:  
Testing Fescue Pasture For Per Cent Endophyte Infection
November 3, 2008, I instructed Chris Sparks, Linnus, Mo., how to collect fescue stems for endophyte infection. We collected 40 samples of the stems from each plant at the very stem base and up 4 inches, making stem samples 4” long. These samples were put in a zip lock bag with ice and sent overnight to Agrinostics, Watkinsville, Georgia. This laboratory tests for the native fescue endophyte that produces the toxin ergovaline, which causes fescue foot, low average daily gains, low conception rates, etc. in beef cattle. With this test Chris may apply for cost-share to renovate the pasture and seed it to a endophyte free or a novel endophyte (harmless) fescue variety.
Pictured is Chris Sparks cutting fescue stems.

Strawberry Clover
Seed increase (a non-bloating clover)

Flood damaged soybeans

Ms. Heather Hubbs-KTVO
Channel 3, Kirksville, MO
She came to interview Dr. McIntyre about “Producers Planting Intentions”.

Guest speaker at our September 29th dinner meeting, Mr. David E. Baker, Assistant Dean Agriculture Extension & Program Director.

2008 Linn County Farm Family
Larry, Valerie, Raysha and Rick Tate
Guest speaker, Tom Furhman, Human Development Specialist, Randolph County, Moberly, MO

Outgoing board member, Sue Judas was presented with a certificate of Appreciation and gift from Dr. Leon McIntyre for her 4 years of dedicated work as a secretary to Linn County Extension.

Leader Honor Roll recipients for 2008 were (left) Cary Sayre and (right) Karen Wheatcraft below.

Dr. Dave Davis, Treasurer of the Extension Council presented the awards.

Everyone enjoyed a great meal.
Missouri Century Farm Families
(Left)-Junior, Carol, James & Beth Kerns
Right-Francis & Doris Kerns

Board members being sworn in by Linn County Clerk, Peggy Ward

Board members left to right: Eldon Turner, Shawna Shiflett, Lane Carr, Jeff Haley, Becky Cleveland, Penny Burns, Dean Palmer, Jan Riepe, Dave Davis, Karen Wheatcraft, and Jordan Bentley
Programing in Linn County by Other Specialists for 2008

Business Development Specialist Macon County: Chris Shoemaker

As entrepreneurs and innovators, Missouri’s small businesses are becoming a more diverse group that continues to make the state’s economy productive. There are approximately 500,000 small businesses in Missouri. Nearly 98 percent of all businesses with employees are categorized as small businesses. In assisting the owners and managers of those businesses, MU Extension contributes to a county’s economic development through growth in jobs, sales, innovation, technology development and commercialization.

In Linn County, during 2008, business development program specialists and business counselors with MU Extension, Missouri Small Business & Technology Development Centers (MO SBTDC), Missouri Procurement Technical Assistance Centers (MO PTAC), Missouri Environmental Program, Missouri Career Options Project, and the Missouri Market Development program served 34 people and their companies with business start-up and management counseling, training, and other assistance. In addition, entrepreneurs and business owners in Linn County reported the following economic impact and activity as a result of the services provided by the MU Extension Business Development Program:

- New jobs: 21
- Sales increases: $
- Government contracts: $
- New businesses:
- Jobs retained:
- Loans and investments in business: $273,000
- Businesses turned around or failures prevented:
- Acquired assets: $
- Clients/companies receiving business counseling: 4
- Business training attendees and conference participants: 30

Mary Ellen Smyer, Coordinator Food/Nutrition Program, Marion County,

University of Missouri Extension (UME) Family Nutrition Education Programs (FNEP) reached 871 low-income participants with nutrition education and direct mailings in Linn County during 2008. FNEP provides information on nutrition, food safety, and physical activity for lifelong health and fitness.

Nutrition education for youths provides information in kid-friendly terms and lessons with hands-on activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults includes nutrition, food safety, physical activity, and food resource management.

Evaluation data collected across the entire state reflects the positive impacts that occur in every county with FNEP. Within FNEP are two key programs, each with its own system for evaluating impact: the Family Nutrition Program (FNP) and the Expanded Food and Nutrition Education Program (EFNEP).
For youths who participated in FNP, results summarized for the state revealed the following positive impacts:

Three thousand three hundred forty-eight (3,343) teachers gave us feedback.

- 38% have participated in FNP for more than 3 years
- 99% (3,293 teachers) reported one or more changes in students after FNP.

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<th>Student changes reported by teachers</th>
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<td>Student changes</td>
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<tr>
<td>More aware of nutrition</td>
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<td>Make healthier meal and/or snack choices</td>
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<td>Eat breakfast more often</td>
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<td>More willing to try new foods</td>
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<td>Improved hand washing</td>
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<td>Improved food safety</td>
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<td>Increased physical activity</td>
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Donna Haley is the Nutrition Program Assistant (NPA) for Linn County. For 2007/08, Donna reached a total of 247 students in Linn County. Positive teacher and student feedback keep the Family Nutrition Education Program coming back year after year impacting participants to understand and apply the importance of healthy nutrition and physical activity habits in their lives beginning at an early age. “Success Stories” are comments and observations made by teachers, students, parents and the NPA themselves that are shared throughout the State so others can hear first-hand what is being said about the program. Here are some examples:

- “Donna did a great job with my students. She has helped opened their eyes to healthy food and the importance of being physically active.”
- “I love the FNEP program. I want Mrs. Haley back every year.”

“Good program. My class enjoyed it and talked about what the next lesson might be. They also enjoyed the new foods they experienced during the taste tests.”

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**Wendy Brumbaugh, Family Financial Education Specialist, Shelby County**

**Money Management classes for Probation & Parole**

Wendy taught one hundred four offenders from Macon (26), Randolph (9), Shelby (47), Linn (4), Marion (11), Ralls (3), Monroe (2), Pike (2) Counties a 5-hour money management workshop at the “request” of the 41st Judicial Circuit Court. The workshop is interactive and avoids the traditional teacher/lecture format. The workshop focused on values, goal setting, managing resources, developing a budget, checking, using credit, renting to own, and living on less. Participants worked in teams as well as individually to make the experience more meaningful. Follow-up evaluations indicated that all participants established goals. Comments included: “Thank you for presenting the information in a meaningful way.” “I wish I’d had this class several years ago before I made stupid mistakes” and “I appreciate the useful information because I can make changes that will affect my family.”
Judy Howard, Nutrition and Health Education Specialist, Scotland County

The Brookfield Area Career Center was the host site for the first M.A.S.H. camp to be held in Linn County. The camp, designed to acquaint young people with a variety of science and health-related careers, involved 31 mid-teen youth, 3 student assistants, Nutrition Program Assistants, Donna Haley and Jill Lane and Nutrition Specialist, Judy Howard. Howard, a Registered Dietitian licensed to practice in the state of Missouri, shared with the group career possibilities in the field of dietetics and led activities related to food purchasing and the “opportunity cost” of making wise and not-so-wise decisions. All youth participated in preparation of their own lunch under the guidance of the Extension NPAs. The always-popular food preparation activity focused on the inclusion of a wide variety of fresh fruits and vegetables as suggested by current dietary guidelines.

Better management of diabetes was the focus of four educational sessions held on two days at the Linn County Health Department. Utilizing a new diabetes education tool, Diabetes Conversation Maps, Judy Howard shared with a total of 25 participants ways to eat more healthfully with diabetes and ways to achieve better control of blood glucose. The maps, brightly illustrated 3’ X 5’ sheets placed on the tabletop, provide opportunity for greater sharing by individuals while emphasizing important concepts of diabetes self-management through discussion cards used in a variety of ways.

Tracie Moore, 4-H Youth Development Specialist, Macon County

I started September 2nd as the new 4-H Youth Development Specialist headquartered in Macon County but also serve Linn and Randolph Counties. I came back to the Northeast region (grew up near Marceline) from Saline County where I worked as the 4-H Youth Development Specialist. I provide leadership to the 4-H program as well as other youth development activities that are county, region, and state-based. So far my time working in Linn County has been spent working with Pat Wood, the 4-H Council, and Fair Board. Two of the big programs that I have worked on in the county to-date are the Volunteer Orientation on November 9th and the Recognition Program on October 5th. I look forward to doing more programming in the county over the next year.

Volunteer Orientation

Members in 4-H Learn by doing under the guidance of adult volunteers that lead project work such as sewing, beef, and computers. They help organize club meetings, county events, and contest alongside the members creating great adult-youth partnerships. A national report suggests that the average volunteer in Missouri contributes 43.5 hours per year. Valuing their time at $16.12 per hour the contribution of Linn County 4-H volunteers was worth more than $26,646.00 in 2008.

Many things make 4-H successful. Without a doubt, 4-H volunteers are among the most important ingredients in creating environments in which young people thrive. For that reason the University of Missouri Extension introduced an orientation program for all 4-H volunteers – new and experienced – to work with kids. This program has helped inform 37 Linn County adults about the history of the land-grant system and 4-H; explore positive youth development, the 4-H philosophy on competition and how to provide safe environments for our young people. To help make it easier for the busy volunteers, MU Extension has created a print, CD, and online course in addition to the face-to-face meetings. By January 1, 2009 all recognized volunteers must: 1) successfully complete the annual volunteer screening process - Missouri 4-H has required back-ground screening for 4-H volunteers for more than a decade which helps provide safe environments for the youth and adults involved in the program 2) complete the Making the Best Better Volunteer Orientation. This orientation is a one-time requirement for all 4-H volunteers.

State 4-H Council

Another highlight for the year was serving on the Missouri State 4-H Council. The Missouri State 4-H Council is an elected body of 4-H youth who serve for one year. The Council serves in an advisory role to the State 4-H Youth Development Staff. Council members help plan and carry out State 4-H Congress and State 4-H Teen Conference. In addition, they represent Missouri 4-H at national, regional, state and local events, donating volunteer hours at the Missouri State Fair, State 4-H Contest Days, and other 4-H events. Council members are ambassadors and spokespersons for Missouri 4-H. They meet together as a group 5-6 times per year in weekend meetings and stay in contact throughout the year by phone or computer.
Joe Koenen, Agri-Business Specialist, Putnam County

LAND ISSUES “HOT” TOPIC IN 2008 WITH CLIENTELE

2008 in North Missouri provided many challenges with floods, high fuel and fertilizer prices and continued increasing land values and cash rental rates. Farmers and landowners alike need assistance with many issues that concern them. The Agricultural Business Specialists in the Northeast Region provide education and assistance to folks in a wide range of Farm Management and Agricultural subjects.

Land issues (farm leases, cash rent, farm land values and farm rental arrangements) were by far the main area of questions this year as might be expected. Other concerns addressed were: grain bin drying and rent, Missouri’s new beef tax credit program, the value of hay and pasture, computer record keeping programs, income taxes and the new Farm Bill questions. Joe Koenen, Agricultural Business Specialist, fielded calls, walk-ins, e-mails and farm visits in the past year on these and other farm management related topics.

These questions continue to be handled on a one-on-one basis due to their uniqueness and personal nature they are to our clientele. The number of questions received indicates these individual’s satisfaction with the assistance provided. This assistance can be invaluable to those that may have made the wrong decision or no decision at all. This assistance can also provide a way to educate clientele on the many educational programs we can offer them.

GOOD NEIGHBORS MAKE GOOD FENCES - SOMETIMES

Missouri is known as the “Show-Me” state for a good reason – people must have things, including laws and traditions, proven to them. Missouri’s fence and boundary laws (two depending on the county your land is located in) add to this problem and confusion greatly. Most people, including lawyers as well as landowners, do not understand our current law in this area making education on this topic a continuing critical need in our state.

In 2008 two hundred forty-two (242) persons attended programs discussing Missouri’s fence and boundary laws. In addition, individual questions were again received from 53 of the 114 counties in the state and 1 from out-of-state. Programming was done via interactive television (ITV) and in person which allows for better coverage state-wide and less driving for staff and participants alike. University of Missouri Extension through Joe Koenen, Agricultural Business Specialist, and many other Extension Specialists and telecommunication resource center (TCRC) staff help facilitate these programs which provide an essential educational need in this area.

Evaluations done of the ITV sessions showed 95% of participants said the program met their learning expectations and felt ITV was a good way to learn and interact with other folks. Many of those who attended hadn’t been to an ITV program before and 81% said the materials given them were very useful. Comments included “covered what I wanted to know” and “didn’t have to drive 2 hours to get the information I needed”. The turnout and comments were especially positive considering bad weather caused sites in the southern part of the state to have to re-schedule.

The real impact of this program is that participants don’t have to find an attorney or other professional to ask these questions, many of whom don’t know the law themselves. Although this program has been offered for many years, it continues to be one of our most requested and interest will remain until the law is understood by all landowners. The old saying “good neighbors make good fences” does work but only sometimes today.

Jennifer Schutter, Horticulture Specialist, Adair County

Master Gardener Program: Eight Master Gardeners from Linn County reported 276.5 hours for 2008. Of this, 197 were service hours and 79.5 were continuing education. The Independent Sector values volunteer service performed in 2007 at an hourly rate of $19.51 (data for 2008 are to be released in spring 2009). Using this figure, the Linn County Master Gardeners volunteered $3,843.47 worth of their time to service projects benefiting Linn County. Some of their
projects included beautification at the Brookfield library, YMCA, a local church, and Twin Parks including the War Memorial. They also planted flowers in pots in downtown Brookfield. Other service includes consultations in which gardening advice and information was provided to the gardening public; writing articles for the newspaper; and presenting garden programs for local clubs and organizations.

**Gardening Challenges Workshop:** A workshop on the 2008 growing season and the challenges people faced was presented on September 4, 2008. Seventy-three people attended the program taught by University Extension specialists Leon McIntyre, Jennifer Schutter and Darla Campbell. Two people attended from Linn County. Topics addressed included: plant diseases and disorders that were a problem during the growing season and how to control or prevent getting them next year; how to control the abundance of weeds in your garden; how to correct soil fertility caused from the leaching of nutrients from all of the rain; and how has the rain affected production and prices. Quotes include "Excellent addressing summer 2008", "Answered several pressing concerns", "Very helpful", "Good pictures, descriptions and solutions".

**Consultations:** Throughout the year many Linn County residents receive horticulture advice by email, phone calls and farm or home visits on various issues such as lawn care, vegetable gardening, flower gardening, insect and disease control, and trees and shrubs.

**“Garden Talk” Horticulture Newsletter:** Fifty-six people from Linn County receive the Garden Talk newsletter each month informing them of timely gardening tips and other important gardening information. The newsletter also informs them of upcoming horticulture events and activities.

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**Chris Zumbrunnen, Livestock Specialist, Sullivan County**

**BEEF CATTLE ARTIFICIAL INSEMINATION SCHOOLS**

Due to increased demand for instruction in artificial insemination of beef cattle this popular annual program was again held in 2008. In these classes held from 5:00 pm to 10:00 pm for 3 evenings, producers spend time in the classroom to learn the basics of beef cattle reproduction and artificial insemination techniques. They spend an equal amount of time practicing these techniques on live cows. The school is done in cooperation with the MU Agriculture Experiment Station and Accelerated Genetics. There is an overwhelming demand for this type of training and additional schools will be held 2009. From Linn County 2 producers attended one of the schools

**ASSISTANCE TO LIVESTOCK PRODUCERS**

Educational information and assistance is provided to livestock producers in Linn County by Extension Livestock Specialist, Chris Zumbrunnen. Beef production continues to be the mainstay of livestock production for livestock operations in north central Missouri. Throughout 2008 a log was kept of the different types of individual requests for assistance that were received from beef producers. While the final figures are not broken out into requests from each county served the totals do provide interesting insight to the needs of the beef producers in the area. The breakout of topics was:

<table>
<thead>
<tr>
<th>TOPIC</th>
<th># PRODUCERS REQUESTING ASSISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef nutrition and or ration balancing</td>
<td>1312</td>
</tr>
<tr>
<td>Facility design and layout, fencing and equipment facility design and layout</td>
<td>342</td>
</tr>
<tr>
<td>Grazing and grazing systems</td>
<td>297</td>
</tr>
<tr>
<td>Genetic information, EPD explanations or carcass evaluation</td>
<td>358</td>
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<tr>
<td>Estrous synchronization</td>
<td>301</td>
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<tr>
<td>Beef marketing, cow lease agreements and or QSA</td>
<td>269</td>
</tr>
</tbody>
</table>
RESEARCH AND DEMONSTRATIONS ASSIST PRODUCERS IN DECISION MAKING
The farm demonstration has long been proven to be one of the most effective teaching tools in Extension. Producers from all 16 counties in the Northeast Region have received information on these projects which include:

- **Estrous Synchronization Methods in Beef Cows**
  8 sessions done on producer farms were attended by 114 producers

- **Ethanol Production Co-Products as Supplements for Beef Cattle**
  14 producers shared their experiences with their neighbors resulting in 163 requests for assistance in utilizing these products

- **Storage of wet ethanol production co-products**
  4 storage demonstrations were viewed by 56 producers

- **Utilizing the nutrients in livestock manure as fertilizer**
  *Ongoing demonstration at the MU Forage Systems Research Center and on cooperating producer’s farms which were viewed by 196 producers in 2008*

ASSISTANCE TO YOUTH LIVESTOCK MEMBERS
Educational information and assistance is provided to 4-H and FFA members in Linn County by Extension Livestock Specialist, Chris Zumbrunnen. The area where assistance is most often requested is nutritional advice for the member’s livestock project. In addition educational information and assistance is provided to members, leaders, advisors and parents in the areas of health management, animal selection and care and breeding. Assistance is provided with livestock shows at County and State fairs and with livestock judging training. Nose printing of steers and lambs and DNA collection of swine for exhibition is conducted as well as weighing for rate of gain contests. In 2008 the series of youth livestock project training via ITV was continued. Two training sessions which included information on meat goats, sheep and swine reached a total of 109 members and leaders in Putnam, Sullivan, Linn, Macon, Randolph and Livingston counties. Education for livestock project members on the Missouri livestock quality assurance program reached a total of 411 leaders, parents and members in Putnam, Sullivan, Macon, Linn and Randolph counties.

**SHOW ME SELECT REPLACEMENT HEIFER PROGRAM**
Missouri ranks second in the nation in total number of beef cows with more than 2 million cows on 60,000 farms across the state. Income from the forage-based beef cattle industry represents the largest source of agricultural revenue within Missouri. Female replacement strategies have one of the greater long-term effects on profitability within a cow herd as any other decision made by a cow-calf producer. One of the largest problem areas for cow-calf operations is the developing phase of the replacement beef heifer and related inadequacies in nutrition and management. Through the Show Me Select programming effort producers in Linn County received information and assistance in solving their heifer development problems. A sale of 170 Show Me Select qualified heifers was held in December at the Green City Livestock Market. Heifers from this sale were purchased by producers in Linn County.

David Hill, Community Development Specialist, Marion County

Building Stronger Nonprofit, Voluntary Organizations Via Distance Learning.

Area nonprofit organizations (NPOs) participated in customized interactive, informative, and educational consulting sessions to learn new approaches to improving the management, leadership and fund-raising skills of key staff and volunteers. Topics: Board Development, Effective Planning, Fund-raising Basics; Personnel Management, Cash-Flow Control, Internal NPO Affairs and Successful Grant Proposals. 70 percent of sessions in this state-wide grant funded venture were held in Northeast Missouri locations: MU Tele-Communications Centers in Kirksville and Mexico, MU Extension’s Palmyra Interactive Television site and affiliate partner studios in Brookfield, Kahoka, Edina, Eolia and Moberly. This is a partnership the Nonprofit Management & Leadership Center at the University of Missouri St. Louis and MU Extension.

Grant Funding Source Awareness
Bi-weekly summaries of grants available to enhance community improvement efforts of area non-profits, local government public entities and civic groups e-mailed to contact person or office in each county and community on request.
Known multiplier from the e-mail list of 325 are about 1570 contacts regionally. Switchboards for Linn County are the MU Extension Center, Brookfield and Marceline Economic Development offices, Brookfield Chamber of Commerce, Brookfield ExCEED Project, Brookfield Area Career and Technical Center, Tri-County Electric Cooperative and the Pershing Park Memorial Association.

Grants received in the 16 Northeast Missouri counties involving various levels of MU Extension staff assistance we know of totaled $2,500,000 in 2008.

Community Tourism Development
A new marketing brochure was developed, printed and distributed via collaboration efforts of the Tri-State Tourism Taskforce. Midwest River Country—Experience the Tri-State of Mind; A Visitors Guide to attractions and events in Southeast Missouri, Northeast Iowa and Western Illinois. WebLinks to participating communities are now cross-linked and interactive.

Day trips counties and across the region are posted to capture the spontaneous local or the multi-day visitor.
4-H Youth Development

4-H is University of Missouri Extension’s Youth Development Program for youth and adults. The program combines the cooperative efforts of youth, volunteer leaders, youth education assistants and 4-H youth specialists. Linn County is devoted to upholding the mission of Missouri 4-H in creating environments in which the young people are valued, contributing members of their community. A total of 173 youth were members of Linn County 4-H during the 2007/2008 year (September - August). There were 38 adults volunteering their time to act as club leaders and /or project leaders for 169 different project areas. Subject areas covered in project work are related to skills involved in agriculture, home economics and careers. Participation in the 4-H program provided the entire family an opportunity for education through enjoyment.

**Linn County 4-H Clubs**

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<tr>
<th>Club</th>
<th>President</th>
<th>Vice President</th>
<th>Secretary</th>
<th>Treasurer</th>
<th>Reporter</th>
<th>Flag Bearers</th>
<th>Adult Advisors</th>
<th>Fair Board Rep</th>
<th>Council Youth Liaison</th>
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<tbody>
<tr>
<td>Brookfield 4-Hers</td>
<td>Brandon Solomon</td>
<td>Cassie Frock</td>
<td>Lucas Burns</td>
<td>Daniel Alexander</td>
<td>Garrett Roe</td>
<td>Kristen Ehrich</td>
<td>Charlene Roe</td>
<td>Julie Shiflet/Holly Matzen</td>
<td>Kellie Burns</td>
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**2007-2008 4-H Council**

- **Annual Fundraiser**
  Again the county sold cookie dough and candles for a fundraiser effort. Over $3,000.00 was raised to be used for council expenses and reimbursements to members for expenses on trips.

- **4-H Scholarship**
  Two outstanding 4-H seniors from the county received scholarships. The Linn County Scholarship to Brandon Solomon; and the Correll Memorial Scholarship went to Kellie Burns.

Bob Correll presented Kellie Burns with the scholarship

- **4-H Camp**
  Camp was again held at Crowder State Park outside Trenton. 18 members along with 2 counselors attended one of the two opportunities available. Traditional activities were done such as swimming, workshop, crafts and sports under the direction of Ron Walker Area 4-H Specialist. This year’s theme was “G”Day Mate”.

- **Clover Kids Camp**
  This year’s day camp was held during the Linn County 4-H/FFA Fair. The theme for this year was “A Day on the Farm”. Those who attended were: Brooks Baker, Cody Coram, Blayke Ellison, Keith Herring, Hunter James, Krystle Lain, Audrey Martin, Ian McIntyre, Alexis Dorroll-Ruhl, Emily Turpin, Chadley Waltz, Jordan Weydert, Wyatt Link, & Jack Lambert. Special activities included, Pig Note Holder, Cattle
Volunteer Orientation
Volunteer Orientation, a new program started by the state for each volunteer to go through one time. Several options were made available - in person, computer on line or print version. Each new volunteer from this point on must go through the orientation and be screened yearly.

School Enrichment
Hatching Chicks in the classroom was a great success this year with 7 classrooms participating with a total of 201 children.

Summer Classic
Hosted by Linn County. Participants from across the state attended on May 30th & 31st to show case their hog, sheep, cattle projects and this year goat. Courtney Hueffmeier was Jr. Goat Showmanship

Contest Day
This year’s Contest Day was held July 8th at the Vo-Tech School. Activities included Dress Revue, Demonstrations, Public Speaking, Table Setting and Judging Classes. Just some of the winners were : Style Revue, Kristen Ehrich, Heather Main, & Amanda Alexander, Working Demonstrations Allison Riepe, Garrett Rod & Shelby Clapp, Table Setting Derrek Hardy & Christina Judas.

Achievement Night
Achievement night was Monday night of Fair week. This year we had 492 exhibits in the Youth Building. Out of those, 84 were chosen for the state fair and 31 were chosen to go to Interstate. A big thank you to the parents and to the volunteers who assisted with the evening’s activities. The night could not have occurred without your help and gracious volunteerism of your time.

Recognition Program
This is the opportunity to recognize members and adults for their year long 4-H work. Fall Revue items were displayed in the County Courthouse

Fairground Improvements
This year as part of the continual fairgrounds improvements flowers were planted on the east side of youth building and hanging baskets were placed along the covered walkway thanks to Hope and Eric Bright. The James Zumbrunnen donation to the fair board got a new office door installed.

Office upgraded with a “real” door and counter re-arrangement for more room.
June Hanson Memorial
Was used in the “Horse Barn” for improvements

Donnie Asher was instrumental in getting a grant to build the shooting pavilion.

A new roof over the cooking area.

4-H Trips
One of the reasons why Linn County's 4-H Program is so strong is because our youth are encouraged to participate in trips and conferences held in different cities, states and even countries.

State Teen Conference
As one of the first state conferences for those age 12 and 13, this event provides a lot of learning and fun. Those that attended this year were Paige Clawson, Nicholas Crutcher and Amanda Alexander.

Food and Fitness Camp
Time to Explore the World of Healthy Food and Physical Activity. After classroom activities, participants fixed a meal for University personnel. Participant from Linn County were Amanda Alexander and Kristen Fraizer

State 4-H Congress
Over 300 4-Her’s from across Missouri participated in the 2008 State 4-H Congress. Linn County was well represented. Attending were Daniel Alexander, Paige McCollum, Quinsie Gall, Kristen Ehrich, Cassie Frock, Rachel Zumbrunnen, Kristen Friazer, Lucas Burns, Garrett Roe, Kellie Burns, Heather Main, and Allison Riepe, Christina Judas.
National 4-H Congress
Heather Main won this opportunity through her State Report Form judging and interview. She traveled to Atlanta Georgia in November 2008.

State Contests
Linn County had record numbers attend State Spring and Fall Contests:
State Fair Demonstration (General) - Lucas Burns, Paige Clawson, Derrek Hardy, Tawnya Hardy, Christina Judas, Anthony McCollum, Bridget Sherman, Karissa Trentham, Allison Riepe.
State Dairy Judging - Kolbie Gall
State Fashion Revue - Amanda Alexander, Amanda Hueffmeier, Heather Main, (1st Place in Formal Wear), Kristen Ehrich (1st Place Clothes You Buy Sr. Division).

State Fair
Again this year Linn County came home with special recognition for numbers of participation in: 4-H Beef Sweepstakes, Dog Sweepstakes, Over-all Livestock Sweepstakes, and two Shooting Sport Plaques.

Beef Sweepstake

2008 Royalty
Queen: Heather Main, FFA Ambassador: Courtney McLain, King: Jared Main
Princess: Amanda Alexander, Prince: Tyler Lane

2008 Interstate Boy - Garrett Roe
Winners are based on report form judging in St. Joseph from entries from 17 counties.

Ms. Tracie Moore, Youth Specialist, Macon County started September 2, 2008.
Western Stock Show January 9-12, 2008 Denver, Co.
Linn County Livestock Judging Team: Katie Gladbach, Rebecca Allen, Eric Allen and Jared Main

Jason Ewigman, Jessica Majors and Paige McCollum earn high marks at the 4-H/FFA Canine Jamboree held January 19, 2008 in Columbia.

Linn County 4-H youth and parents participated in the 2008 SMQA class held by Chris Zumbrunnen

Jr. Livestock Judging team-September 2008

Sherry Ellison was inducted into the 4-H Hall of Fame in 2008. She was nominated by fellow 4-H leaders and friends.

Kirby Asher makes the Missouri 4-H Hunting Skills team for 2008
**UNIVERSITY EXTENSION OF LINN COUNTY**  
**ANNUAL FINANCIAL REPORT**  
**FOR YEAR ENDING 2008**

**BEGINNING BALANCE:**  
$ 7,474.29

**REVENUES:**

- County Appropriations: $26,500.00
- Balance Transfer: $300.00
- Scholarship Donations: $584.87
- Grant Income: $500.00
- Ag Beat Sponsorship: $585.00
- Resales/Edu Services Fees: $167.40
- Miscellaneous Income: $678.76
- Postage Income: $2,677.39
- Soil Test Income: $251.00

**TOTAL REVENUES:** $3,224.42

**EXPENSES:**

- Salary: $15,114.19
- Staff Benefits: $2,720.27
- TOTAL COMPENSATION: $17,834.46
- Travel: $3,642.44
- Postage: $2,216.50
- Telephone: $847.92
- Advertising: $81.30
- Ag Beat Printing: $1,268.00
- Rent/Lease Postage Equipment: $350.00
- Scholarship: $220.00
- Supplies: $2,418.98
- Insurance: $350.00
- Soil Test: $130.00
- Publication for Resale: $129.30
- Furniture/Equipment: $1,287.89
- Miscellaneous + Balance transfer: $3,830.95
- Internet Charge: $300.00
- Repair & Maintenance: $125.00

**TOTAL OPERATING COSTS:** ($3,5032.74)

**REVENUES LESS EXPENSES**  
(Ending Balance)  
$ 4,685.97

This is to certify that the above is a true statement of revenue available and expenditures from local sources in conducting programs during the year 2008.

Signed: ___________________________ Date: 12/31/2008  
Dr. Leon McIntyre, Linn County Program Director