

Maries County University of Missouri Extension

2009 Annual Report

Our Mission...

To serve Maries County by extending research-based knowledge and top quality educational programs to address high priority needs to citizens at the local level. University of Missouri Extension faculty help individuals and organizations turn knowledge into action, thus improving the quality of life for all.

UNIVERSITY OF MISSOURI
 Extension



Maries County Extension

211 Fourth Street

Vienna, Mo. 65582

(573) 422-3359

mariesco@missouri.edu

Office Hours: 8:00 a.m. to 4:00 p.m.

Monday through Friday

UNIVERSITY OF MISSOURI
 Extension

The University of Missouri Extension does not discriminate on the basis of race, color, national origin, sex, sexual orientations, religion, age, disability or status as a Vietnam-era veteran in employment programs.

Maries County University of Missouri Extension Council

University of Missouri Outreach and Extension programs are designed by an elected council of citizens, representing a broad spectrum of occupations, interests, locations, race and creed within Maries County. Also, MFA, Farm Bureau, and the Maries County Commission each have one appointment to the council.

2009 COUNTY COUNCIL OFFICERS

CHAIR: Eric Johnson, Vienna
 VICE: Tim Lehnoff, Belle
 SECRETARY: Bill Baxter, Vienna
 TREASURER: Joan Olson, Vienna

2009 COUNCIL MEMBERS

Warren Rogers Glenn Dressendofer
 John Schulte* George Davis*
 Brent Fuller Doyle Gray
 Nick Davis (* appointed members)

Extension Council meetings are held at 7:00 p.m. on the 2nd Monday of each month in the Courthouse Conference Room.

2009 Financial Summary

Funding from county, gifts, grants, state and Federal monies make University Outreach & Extension unique. Maries County funds support Local office costs, State/Federal dollars are used for specialists salaries, training and postage.

Expenditures	County/Local
Faculty wages/benefits	
Secretarial wages/benefits	\$14,220
Travel	\$3,604
Supplies & Services	\$4,817
Equipment	\$1,655
Extension Council Expense	\$293
Postage	\$1,287
Communications	\$1,631
Tour Expenses	\$17,100
Insurance	\$100
Misc.	\$677
TOTAL	\$45,384

FAMILY NUTRITION EDUCATION

Family Nutrition Education Program:

University of Missouri Extension (UME) Family Nutrition Education Programs (FNEP) reached 3,083 low-income participants with nutrition education in Maries County during 2009. FNEP provides information on nutrition, food safety, and physical activity for lifelong health and fitness. Mendy James is the Nutrition Program Associate in Maries County.



Nutrition education for youth 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 resources management.

Additional programs being offered in Maries County included Health Fairs, the Pyramid of Power assembly play, and the Food Power and Food Power Young Adventure interactive exhibits.

During 2009, 3,083 youth and adults were served through schools, community groups and agencies. The following is a list of the locations where participants were served:

Schools: Maries R-1 Elementary, Maries R-1 Junior High, Maries R-1 High School, Maries R-2 Elementary, and Maries R-2 Middle School.

Agencies: Vienna Early Learning Center, MOCA Lifeskills Class

IN SUMMARY

In summary, it has been a successful year in Maries County for FNEP.

Dear Members of the County Commission and the Community:

As we approach the end of another year and the beginning of a new year, I want to thank you for the support you have given to your local University of Missouri Extension Center during these difficult economic times. Your partnership with federal and state government and many other entities through MU Extension has made it possible for:

Young people to learn life skills that make them contributing, caring members of the community; prepare them with science-based education for higher education and careers of the future; and help them avoid risky behaviors.

Aspiring entrepreneurs and existing businesses to be more efficient and profitable, thereby helping to strengthen the local economy.

Farmers and agribusinesses to incorporate new, research-based production techniques and best practices into their operations to improve their bottom line while protecting the environment.

Families to learn and engage in healthy nutrition, fitness and lifestyle behaviors, which also help them reduce medical costs.

Firefighters, nurses, law enforcement officers, teachers and others maintain and upgrade their professional skills and certifications.

Communities to develop local leaders and deal with critical issues in a non-biased, neutral way for the public good.

The funds invested in MU Extension are well-managed. \$11 million in county council funds, combined with other public and private funds, allow us to deliver \$99 million worth of educational programs statewide. While the methods for delivering educational programs continue to evolve – including the Web, videos, social networking media, print materials and face-to-face meetings – the core of MU Extension's mission remains:

“... to improve people's lives, communities and the economy by providing Relevant, Responsive and Reliable Research-based education.”

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

Sincerely,

Michael Quart, Vice Provost and Director

Other organizations

Maries County Extension personnel serve in advisory capacity:

Maries County Extension Council

Maries County 4-H Council

Maries County Fair Livestock Committee

Belle Fair Livestock Committee

Maries and Miller County Soil & Water Districts

UMC Wurdack Farm Advisory Committee

Missouri Citizen Workshop

Maries County R-1 Vo-Ag Advisory Group

Maries-Osage Cattlemen's Association

Based on the needs in our county, Maries County University of Missouri Extension will focus programming on the following areas.

AGRICULTURAL PROFITABILITY

Livestock Production
Intensive Grazing
Forage and Pasture Management
Natural Resource Management
Value Added Agriculture

COMMUNITY VIABILITY

Leadership Development
Partnerships and Coalitions
Workforce Preparation

YOUTH DEVELOPMENT

Community 4-H Clubs
Volunteer Leadership Development

FAMILY STRENGTHS

Family Nutrition Program
Family Finances
Parenting Skills

ECONOMIC DEVELOPMENT

Small Business Development
Home Based Business Development
Workforce Development

ENVIRONMENTAL EDUCATION

Water Quality
Waste Management
Water Resource Education

AGRICULTURE

Area Cattlemen's Tour: 30 area beef producers attended the 2009 Area Cattlemen's Tour. This year's tour included stops at Fort Pillow State Park and Civil War Battlefield near Henning, TN, Donnell Angus Farms – All Natural Beef, near Jackson TN, Circle B Quarter Horses near Jackson TN, Hassel and Hughes Lumber Company near Collinwood, TN, The Country Music Hall of Fame in Nashville, TN, The Grand Ole Opry in Nashville, TN, The East TN Research and Education Center near Knoxville, TN, The Great Smokey Mountains near Gatlinburg, TN, Clinch Mountain Gelbvieh Ranch near Luttrell TN, Kentucky Horse Park near Lexington, KY and The Belle of Louisville in Louisville, KY.

Sho-Me Livestock : Sho-Me Livestock of Belle. In 2009 the business averaged 15 employees and manufacturing several varieties of fruit pies, meat pies, hamburgers, sausages, chicken gizzards and livers, and potato casserole with approximately one million dollars of sales. Sho-Me has over 130 members from 14 Missouri counties. University Extension continues to work with this new growth oriented cooperative to develop new markets and attain adequate funding.

Building a Human Service Coalition for the Good of Maries County

Donna Clavin Mistler, University of Missouri Extension 4-H Youth Specialist and Sarah Hultine, MU Extension Community Development Specialist supported the development of the Maries County Human Services Coalition by meeting with a committee of leaders from Missouri Ozarks Community Action Agency. After 2 planning meetings, the "kick-off" event was held on Tuesday, November 10, 2009 at the Community Church of Christ in Belle.

22 individuals from churches, county officials, agencies, etc attended. A program was presented to the group providing some data from OSEDA. This provided the opportunity for the group to discuss (network together) how this data could impact their programming. The group also discussed how to work together for the good of the county. The meeting ended with a light lunch and a survey was collected to determine the next steps in developing a Human Service Coalition Group for Maries County.

4-H Clubs and FFA work together to help the Fair

Two Maries County 4-H Clubs along with the Belle FFA Chapter have been awarded a Building Our American Communities (BOAC) Grant from the Missouri Department of Agriculture, Division of Market Information and Outreach. The three \$500 grants were presented to the Highgate 4-H Club, the Hawkeye 4-H Club and the Belleville FFA Chapter by Bart Hawcroft, on behalf of the Missouri Department of Agriculture for the work done in the Swine Barn at the Belle Fair Grounds. The improvements made to swine barn included 68 new portable hog pens, electrical service and new waterers for the hogs, sheep and goats exhibited at this year's fair.

4-H Council & Belle FFA Chapter Sponsors Livestock Showmanship Clinic

The Maries County 4-H Council partnered with the Belle FFA Chapter to sponsor a Livestock Showmanship Clinic for the youth of the area on May 30th, 2009.

Donna Clavin Mistler met with the Belle FFA Showmanship Clinic Planning Committee on Friday, January 9, 2009 to determine a place, date and times of the proposed Livestock Showmanship Clinic. The FFA members were assigned duties of recruiting instructors for beef, sheep, and swine. Other possibilities included bucket calf showmanship and rabbit/poultry showmanship. The Maries County 4-H Council was asked to provide the desserts and drinks for the noon meal for the day. More than 50 youth and adults attended.

4-H Shooting Sports Program in Maries County

In October, 2008 Maries County had 3 adult volunteers attend the State 4-H Shooting Sports Leader Certification training in order to become certified as a 4-H Shooting Sports Leader.

The focus of the Missouri 4-H Shooting Sports program is the total development of the young person. The shooting sports and related natural resource activities are utilized as a vehicle for human growth and development. The Shooting Sports program attracts new audiences as well as enhances the traditional 4-H club program.

Donna Clavin Mistler, 4-H Youth Specialist cooperated with Garrett Helton, Vince Ruder and John Locker (3 Maries County 4-H Shooting Sports Leaders)to conduct the "required" 740 4-H Shooting Sports Project Safety Course for 18 youth on Saturday, April 4, 2009 at the Vienna Gun Club. The three certified volunteer leaders commented after the event was finished that the "day" went very well and the kids learned allot about being safe around firearms.

Livestock Judging Rewards Youth of Maries County

Livestock Judging is a great opportunity for young people to learn decision making along with learning how to communicate or defend those decisions with oral reasons. The 2009 Belle Fair Livestock Judging Contest was held on Thursday, July 16 with sixteen youth from Maries, Osage, Phelps and Gasconade counties participating. They judged six classes of beef, swine, sheep and goats and gave oral reasons on two of the classes.

One winner of the Belle Fair Livestock Judging Contest is Mason Price, Hawkeye 4-H who received the High Score in Oral Reasons for the Junior Division along with taking the High Point Scores, Junior Division. Mason is the son of Rick and Tonya Price of Belle. Mason received a hundred dollar savings bond and a pen/pencil set for his judging skills.

Will Moore, also from the Hawkeye 4-H Club receive the Top Oral Reason Scores for the Senior Division and won a nice pen and pencil set. Zech Moore was awarded the High Point Scores in the Senior Division and will receive a \$500 scholarship to attend college when he graduates from High School. Will and Zech Moore are the sons of Keith and Carole Moore.

The 2009 Belle Fair Livestock Judging was sponsored by Mace Supermarkets, Belle State Bank, Mid-America Bank, and Legends Bank. Donna Clavin Mistler and Gary Applegate from the University of Missouri Extension and Michele Koelling and Chris Mertz from the Belle FFA Chapter assisted the Belle Fair Livestock Committee with planning and conducting the event.

Regional Grazing Schools: Approximately 145 area Beef producers attended Grazing Schools in Phelps, Laclede, Osage and Maries and Gasconade counties in 2009. The producers were given a wide array of information including Grazing Management, Evaluation of Farm Resources, Soil Fertility, Forage Growth, Animal Nutrition, Grazing System Layout and Design, Grazing Economics, Watering Systems, Fencing and Evaluation of Pasture Condition. With the help of our NRCS partners the beef cattle producers who participate in Grazing Schools become eligible for cost share assistance through the local soil and water conservation districts. 142 Maries County farmers have participated in the grazing schools with 78 of them implementing grazing systems.

Evaluation work of grazing school participants have indicated that on average stocking rates increase by nearly 20% after implementation of grazing systems while the length of the grazing system increases by 18%. The longer grazing season generated annual savings of approximately \$900 per herd. Thus Maries county beef producers who have attended Management Intensive Grazing schools and subsequently adopted planned grazing systems will save over \$70,200 annually.

Regional Forage And Beef Conference: Approximately 200 area forage and beef producers attended the Regional Forage and Beef Conference in Cuba on February 23, 2009 at the Knights of Columbus Hall. Those in attendance heard discussions regarding: Can We Afford to Fertilize - What and When by Dr Will McClain Extension Agronomist, Agricultural Economic Outlook for 2009 by Dr Scott Brown, FAPRI, Cutting Cost and Adding Value by James Koepeke and Bruce Shanks, local beef producers. The keynote speaker for the evening was Dr. Fred Provenza, Professor from Utah State University who discussed The Basics of Diet Selection by Grazing Livestock. In addition the producers were treated to a trade show with several local business displaying products.

Wurdack FFA Field: Approximately 750 youth attended the 2009 Wurdack FFA Field Day in October. Regional Extension Specialists from throughout the region made presentations on a variety of subjects including Water Quality, Farm Safety, Livestock Nutrition, Body Condition Scoring of Beef Cattle and Rumen Function in Beef Cattle. The University's Wurdack Farm is a 1200 acre research and demonstration farm which emphasizes beef cattle, agro-forestry and natural resource conservation.

Missouri Show-Me Quality Assurance Program 4-H and FFA youth are required to participate in the MSMQA in order to show animals at the state fair. Local fairs have also made it a requirement for showing livestock. The program provides information and training on daily care and management, animal handling, animal identification, reading feed labels, with-drawl times, bio-security, HACCP, animal health products, proper injection sites and carcass quality. In 2009 approximately 32 youth from Maries county participated in the program and were certified by Gary Applegate, Extension Livestock Specialist.

Agronomy Programs

Ted Fry, Regional Agronomy Specialist headquartered in Miller County, provides or facilitates local and regional agriculture, horticulture and environmental educational programming. Fry reviewed and made soil fertility recommendations on 107 soil samples in Maries County in

production, home horticulture, and landowners on a variety of related subjects including: soil fertility, integrated pest management, horticulture, forages, weed and brush control, water quality and soil conservation.

The Maries county Extension office also trained 30 Private Pesticide Applicators so that they could legally buy restricted use pesticides. University Extension offices are the only place farmers can go to receive this service.

BUSINESS DEVELOPMENT

Business Development Programs

In Maries County, during 2009, 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 2 people and their companies with business start-up and management counseling, training, and other assistance. In addition, entrepreneurs and business owners in Maries County reported the following economic impact and activity as a result of the services provided by the MU Extension Business Development Program:

- New jobs: 2
- Sales increases: \$475,000
- Clients/companies receiving business counseling: 2

Business training attendees and conference participants: 8

Overall, the University of Missouri's Business Development Programs (BDP) served 29,423 people and their businesses state-wide. The total impact for all businesses assisted by the BDP was:

- New jobs: 7,209
- Sales increases: \$135,921,024
- Government contracts: \$256,800,000
- New businesses: 273
- Jobs retained: 2,913
- Loans and investments in business: \$138,823,077
- Acquired assets: \$63,048,551
- Investment in commercialization: \$20,007,617 in SBIR/STTR or research proposals submitted with \$55,120,613 awards received
- Clients/companies receiving business counseling: 4,374

Business training attendees and conference participants: 25,049

Mick Gilliam BD Specialist

4-H/YOUTH DEVELOPMENT

4-H Club Work

In 2009, Maries County had 111 4-H Club members in 4 different units. These young people developed caring relationships with 39 adult volunteer leaders who helped them to learn leadership, citizenship and life skills.



Maries County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from aerospace and arts to veterinary science and sport fishing. Clubs also involve children and teens in community service, camping and educational trips.

Communities reap long-term benefits by supporting programs like 4-H. Youth engaged in the programs are 60 percent more likely to vote than their non-engaged peers. In addition, 4-H youth are more likely to volunteer and contribute to their communities than youth participating in other youth programs.

Volunteers are Essential to 4-H Youth Development

During 2009, Maries County recruited, trained, supported and rewarded 39 adult volunteer leaders to work with the 4-H members.

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 96 hours per year. Valuing their time at \$17.19 per hour, based on average Missouri incomes, the contribution of Maries County 4-H volunteers was worth more than \$64350 in 2009!

Maries County 4-H Members Learn at County Achievement Day

More than 30 4-H members and adults participated in the 2009 Maries County 4-H Achievement Day on June 12, 2009. Held at the Community Center at the Vienna City Park, several activities were offered to the youth. These included Conference Judging of 4-H exhibits, Demonstrations, Public Speaking and Fashion Review Contest.

Participation in judging, demonstrations, public speaking and fashion review helps to learn leadership, citizenship and life skills for the future.