



Extension Education in Frio County

Making a Difference

*Improving Lives.
Improving Texas.*

The Texas A&M AgriLife Extension Service has been dedicated to educating Texans

for nearly a century. In 1915, the agency was established under the federal Smith-Lever Act to deliver university knowledge and agricultural research findings directly to the people. Ever since, AgriLife Extension programs have addressed the emerging issues of the day, serving diverse populations across the state.

Through a well-organized network of professional educators and some 100,000 trained volunteers, Extension delivers practical research-based knowledge to Texans in all 254 counties. Our expertise and educational

outreach pertain to the food and fiber industry, natural resources, family and consumer sciences, nutrition and health, and community economic development. Among those served are the hundreds of thousands of young people who benefit annually from Extension's 4-H and youth development programs.

Texans turn to Extension for solutions. Its agents and specialists respond not only with answers, but also with resources and services that result in significant returns on investment to boost the Texas economy. The agency custom-designs its programs to each region of the state, relying on residents for input and for help with program delivery. Here are just a few highlights of Extension's impacts on this county and its people:

Frio County – Summary of 2015 Educational Contacts

- **Total Educational Programs Conducted – 1,905**
 - Adult Sessions – 1,684**
 - Youth Sessions - 221**
- **Total Participants – 8,385**
- **Contact hours via Educational Programs – 14,852**
- **4-H Members – 160**
- **4-H Leaders – 75**
- **4-H Clubs – 4**
- **Curriculum Enrichment Participants – 155**
- **4-H Special Interest Participants – 63**
- **Office Contacts – 908**
- **Site Visits – 24**
- **Phone Calls – 1497**
- **Newsletter/Mail/E-mail Contacts – 1,639**
- **Web Contacts – 2,576**
- **Radio Programs – 1**
- **News Releases – 79**
- **Cash and In-Kind Donations by AgriLife Extension Supporters and Collaborators – 1,750.00 dollars**

***2015 Multi-County Water Quality Education Plan
(Related to Oil & Gas)***

**Developed By: Jaime Lopez, Frio County Extension Agent-Ag
Dale Rankin, Atascosa County Extension Agent-Ag
Richard Griffin, Dimmit County Extension Agent-Ag
Shelly Elfelt, La Salle County Extension Agent-Ag
Marcel Valdez, Zavala County Extension Agent-Ag
Isaac Cavazos, McMullen County Extension Agent- Ag**

Summary: December 1, 2015

Relevance:

Water quality and quantity have emerged as the preeminent issue across the state including the Eagle Ford Shale area in South Texas. Agriculture and Oil & Gas industries are the largest water uses in South Texas, and both are under close scrutiny because of the potential for negative environmental (water quality) impacts. The goal is for homeowners and landowners to adopt best management practices to protect water quality and enhance water conservation so water supplies will meet future water needs in the Eagle Ford Shale area.

Response:

Texas A&M AgriLife Extension Service in Frio, Atascosa, Dimmit, McMullen, Zavala, and LaSalle counties developed the following activities to address this relevant issue:

- “Update from Wintergarden Groundwater Conservation District”, Ed Walker
- Frio County Soil/Water Conservation District Monthly meetings
- Spring Water Sample Screening Program for Frio, Atascosa, LaSalle, McMullen, Dimmit, and Zavala counties.
- Water Screening Kit Agent Training
- Nueces River Authority Public Meeting on the San Miguel Creek Project
- Fall Water Sample Screening Program for Frio, Atascosa, LaSalle, McMullen, Dimmit, and Zavala counties.
- The Zavala County Extension Agent utilized the Uvalde Leader News and the Zavala County Sentinel with a combined circulation of 6, 452 (Texas Press Association) to promote water well testing.
- Atascosa County Quarterly Newsletter on Water Conservation.
- Water Shed Simulator demonstration at the Atascosa County Ag Day reaching 667 youth.
- Atascosa County Living Series, “Water Run Off and Maximizing Rainfall through good forage management”.
- Water Sample screening demonstration to District 12 4-H Leadership Lab participants.
- McMullen County Jr. Master Gardner – Water Conservation Practices

Texas A&M AgriLife Extension Service in Frio, Atascosa, Dimmit, Zavala, McMullen and LaSalle Counties, would like to recognize and thank the partnership and cooperation of the above mentioned individuals, company reps, association and governmental agencies.

Results:

Table 1: Changes in Knowledge of Participants

| | Your Understanding of ... | Mean Before | Mean After | Percent Change |
|----|--|-------------|------------|----------------|
| 1 | TCEQ is required to enforce the safe drinking Water Act in Texas | 3.00 | 5.00 | 50.0% |
| 2 | Knowing who to contact if I have an abandoned water well to plug | 2.33 | 5.00 | 66.8% |
| 3 | That TCEQ maintains the list of EPA-certified NELAP labs for potable water analysis | 2.67 | 4.67 | 50.0% |
| 4 | Maximum Containment Level (MCL)guidelines for public health | 2.33 | 4.67 | 58.5% |
| 5 | TCEQ considers a water well to be abandoned if it has not been used for how long | 2.33 | 4.67 | 58.5% |
| 6 | Critical factors regarding fecal coliform levels in private water wells | 2.00 | 4.67 | 66.8% |
| 7 | Minimum distance separation between a drain field of conventional septic or spray field of an aerobic wastewater treatment system and a water well | 2.33 | 4.67 | 58.5% |
| 8 | Maximum Contaminant Level for fecal coliform is zero | 2.67 | 4.67 | 50.0% |
| 9 | Elevated levels of Nitrate-N cause Methemoglobinemia | 2.67 | 4.67 | 50.0% |
| 10 | Secondary drinking water standards differ from primary standards, which deal with contaminants that effect human health | 2.67 | 4.67 | 50.0% |

Percent Change = ((Post Mean – Pre Mean)/4)*100

Table 2: Plan to Adopt:

| | Percent |
|---|---------|
| Test my well water once a year | 33.3 |
| Pump my septic system regularly | 33.3 |
| Remove hazards from well house | 66.7 |
| Plug or cap any abandoned wells on property | 33.3 |
| Apply Best Management Practices to address high nitrate, if found present, from screening | 33.3 |
| Apply Best Management Practices to address positive reading of fecal Coliform bacteria | 33.3 |

Water screening results provide critical information on current status of water. Fecal Coliform is the most common problem private well owner's experience. The presence of fecal coliform in water indicates that feces (bodily waste from humans or animals) may have contaminated the water. Water contaminated with feces have microorganisms present that can cause a number of "waterborne" diseases such as cholera, typhoid, and dysentery. Of the samples, 16 positive for fecal coliform (21.6%). Nitrate level was .7 average, with 20pm with an average 1-3pm high nitrate sample. Nitrate is converted to nitrite which combines with hemoglobin, the chemical that carries oxygen in the blood, to form methemoglobin. Oxygen cannot bind with methemoglobin, therefore, oxygen is not carried throughout the body. As a result, oxygen starvation occurs. This condition is called methemoglobinemia. If left untreated, death may result. Infants less than 6 months in age and young livestock are most susceptible. Salinity in the form of Total Dissolved Solids (TDS) was also determined on each sample. 583ppm TDS have salinity with range from 29 to 5500 TDS salinity.

The estimated value for each participant in the multi-county water program is \$766.17 mean x 45 samples = \$34,478 value of program participants.

Results indicate that the Multi- County Water Plan met its objectives to increase knowledge and behavioral changes with the homeowners that participated. 91.0% of the participants indicated that they were completely satisfied with the entire program. The average estimate how valuable their participation in the Water Educational Program has been to them is \$766.17 per participant.

Acknowledgements:

Special thanks to Mr. Drew M. Gholson, John Smith, Diane Boellstroff, Ryan Gerlich and the Texas Water Well Owner Network Program for providing the expertise on screening the water samples and helping with the program. We would also like to thank the San Antonio River Authority and the Evergreen Underground Water Conservation District for being part of the program. Additional thanks are also due to Dr. Monty Dozier and Mr. Todd Swift for their guidance with the Multi-County Water Plan and to the agents from Dimmit, La Salle, Frio, Atascosa, McMullen and Zavala Counties.

Future Program Actions:

Working with agents from Dimmit, La Salle, Frio, Atascosa, McMullen and Zavala counties we will continue to offer water educational programs targeting homeowners and landowners so they can continue to monitor their water resources.

***2015 Frio/Atascosa Counties Peanut
Profitability Plan***

Plan Summary Report

Date of Summary: December 7, 2015

Relevance:

Peanut production in Frio County is the largest field crop produced in the county with over 14, 500 acres in production on an annual basis. In order to increase profitability, it is important to educate our peanut producers about current practices, varieties, and technologies associated with peanut production. The South Texas Peanut Growers Association, Texas A&M AgriLife Extension Service, and Texas A&M AgriLife Research scientists identified issues that needed to be addressed in educating peanut producers in Frio and Atascosa counties to help increase peanut profitability.

Response:

Texas A&M AgriLife Extension Service in Frio and Atascosa County developed the following activities to address this relevant issue:

- *Peanut Progress Newsletter (June – October 2015)
- *South Texas Peanut Growers Annual Meeting (April 2015)
- *Peanut Breeding Plots (June 2015)
- *Peanut Result Demonstrations (June 2015)
- *Peanut Variety Trials (June 2015)
- *South Texas Peanut Tour (September 2015)

Texas A&M AgriLife Extension in Frio and Atascosa Counties partnered with South Texas Peanut Growers Association, Texas A&M AgriLife Extension Specialists, Texas A&M AgriLife research Scientists and Texas Peanut Producers Board to implement this plan. These educational programs were designed to address the Texas A&M AgriLife Research Peanut Breeding program, Texas A&M AgriLife Extension Peanut Variety Program, Peanut Herbicide Control, Peanut Fungicide Control, Peanut economics and peanut industry trends. Topics discussed include: Peanut Breeding Results, Weed Control and resistance issues, Labor Law Compliance, Irrigation Management, Soil Fertility Program, etc.

Results:

A Participation Survey (retrospective post) was utilized to measure programmatic impact. A total of 26 of 28 returned the survey for a 92.9 % survey response rate.

Table 1: LEVEL OF UNDERSTANDING – Percent Change

| | Before | After | Percent Change |
|-------------------|--------|-------|----------------|
| Peanut Disease | 92% | 96% | 4% |
| Peanut Varieties | 91% | 95.8% | 4.8% |
| Peanut Fungicides | 87.5% | 95.8% | 8.3% |
| Peanut Herbicides | 90% | 95.7% | 5.7% |

Table 2: Overall Satisfaction

| | |
|--|-------|
| Overall Satisfaction | 100% |
| Satisfaction of Accuracy of Information | 91.7% |
| Satisfaction w/ information easy to understand | 92.0% |
| Satisfaction w/ timeliness for information | 87.5% |
| Satisfaction w/ helpfulness of information | 73.9% |
| Satisfaction w/ relevance of examples used | 87.0% |
| Satisfaction of instructors knowledge | 100% |

Summary of Results:

Results indicate that the Frio/Atascosa Counties Peanut Profitability Plan met its objectives to increase knowledge and behavioral changes in the peanut producers that participated. 30.4% of the participants indicated that they had intentions to adopt the management practices. 90.9% anticipated economic benefit per crop/acre equaled to \$13.05/acre.

Acknowledgements:

Special thanks to the following experts for presenting at these activities: Dr. Jason Woodward, James Grichar, Shelly Nutt and Michael Barring. Additional thanks are due to the following Frio County Cooperators: Tech Farms, Bennett Partnership, Wilmeth Farms and Gary Boyd Farms.

Future Program Actions:

Working with the South Texas Peanut Growers Association, Texas A&M AgriLife Extension Service and Texas A&M AgriLife Research and Texas Peanut Producers Board will continue to offer educational programs that target peanut producers in Frio and Atascosa County to help them improve their bottom line.

2015 Frio County Agriculture Plan

Developed By: Jaime Lopez, Frio County Extension Agent – Ag

Date of Summary: December 1, 2015

Relevance:

In order to increase knowledge and profitability, it is important to educate our livestock and crop producers about current practices and technologies associated with these topics: The Frio County Ag Committee cooperated with a number of Agriculture Community groups and organizations to develop a plan that would educate Frio County agriculture producers that would help increase knowledge and profitability in livestock and crop production.

This program was directed toward the 724 farms and ranches that account for over 645,000 acres in agriculture production in Frio County.

Response:

The Texas A & M AgriLife Extension Service in Frio County developed the following activities to address this relevant topic.

Agriculture & Natural Resources

Frio County Ag Increment Report

Weekly Crop Report

Ag Committee/TSCRA Quarterly Meeting – Dilley

- A. “Update from Wintergarden Groundwater Conservation District”, Ed Walker
- B. “Update for the Texas Railroad Commission” – Gaye McElwain
- C. “Texas Legislative Update”, Laramie Adams – TSCRA Director of Public Affairs
- D. “Global Economic Analysis”, Jim Kee, Chief Economist, South Texas Money Management

- Frio County U.S.D.A. Farm Bill Arc/PLC Workshop
- Frio County Soil/Water Conservation District Monthly meetings
- South Texas Peanut Growers Association Planning Meeting

Agriculture and Natural Resources

- Frio County Adult Leadership Advisory Board meetings
- Frio County Water Sample Screening Program
- Water Test Kit Agent Training
- Frio County Pesticide Applicator Newsletter (Quarterly)
- AgriLife Extension Pesticide Quarterly Report
- Frio County Private Applicator License Training (7)
- Nueces River Authority Public Meeting on the San Miguel Creek Project
- Frio County Food Policy Council Meeting
- South Texas Peanut Growers Peanut Growers Annual Meeting - Pearsall
- South Texas Peanut Tour
- Frio County Annual Range Tour
- Water Sample Screening Program
- Last Chance CEU Video Series (2)
- Farm and Ranch Visits

Results:

Results indicate that Frio County agriculture producers that attended the numerous educational events and activities of increasing knowledge. The greatest knowledge change was for the topics associated with chemical brush control, livestock, water, peanuts, pesticides, water and economic markets.

Texas A&M AgriLife Extension Service – Frio County would also like to recognize the cooperation with South Texas Peanut Growers Association, Texas Peanut Producers Board, TSCRA, Frio County Soil/Water Conservation District, USDA- NRCS and the Frio County Leadership Advisory Board.

The Frio County Agriculture Committee would like to thank all commodity groups, organizations and government agencies that cooperated in addressing our educational efforts in Frio County. Working with the Frio County Ag Committee, Texas A & M AgriLife Extension Service – Frio County will continue to offer programs targeted and agriculture producers in the county. The results of these programs will lead more engaged and educated producers.

**Walk[®]
Across
Texas!**

Walk Across Texas in Frio County, 2015

Walk Across Texas! is an eight-week program to help people of all ages support one another to establish the habit of regular physical activity. Walk Across Texas is recognized as a Best Practice Physical Activity Program by the Texas Department of State Health Services.

Relevance

- Regular physical activity is associated with a longer, healthier life.
- Regular physical activity and controlling weight can significantly reduce the incidence and impact of chronic diseases like heart disease, stroke, diabetes, cancer, high blood pressure, and depression.
- Regular physical activity is also associated with fewer hospitalizations, physician visits, and medications.
- Chronic diseases account for 70 percent of deaths and 75 percent of U.S. health-care costs each year.
- Estimated direct costs of obesity and inactivity together account for approximately 9.4 percent of U.S. health expenditures.
- With regular physical activity, 58 percent of people with pre-diabetes were able to temporarily or permanently delay the onset of type 2 diabetes.
- Community-wide programs like Walk Across Texas! have been strongly associated with significant increases in physical activity.

Response

Teams of eight people, school classes, or individuals walk 830 miles for eight weeks across a map of Texas.

- The program begins by an Extension agent forming a community task force with members from targeted groups such as schools, worksites, churches, etc.
- Plan Kick-Off, Half-Way, and Recognition activities.
- Train site managers, captains, teachers, and other volunteer helpers.
- Register participants.
- Walk for eight weeks.
- Enter mileage.
- Provide recognition for the team walking the most miles and the team reaching the "destination" (830 miles) first.

<http://walkacrosstexas.tamu.edu/>



<https://www.facebook.com/friocountyagrilife>

Results

This program significantly increases participant physical activity.

- 35 people in our county registered and participated in teams of eight.
- 35 people in our county completed the eight-week program.
- Participants' average daily mileage increased 5 miles from week one to week eight.
- **Economic Impact to the County:** If the 35 participants completing the eight-week program continue walking at the same level as during Walk Across Texas!, they have the potential to save a collective \$471,132 in future health care costs by avoiding type 2 diabetes and by reducing work absences.

Success Story

This year Frio County presented lots of mini awards to get more people motivated. 2015 Walk Across Texas Graduates' enjoyed the mini awards...

AWARDS

- Most Creative Team Name
- Best Team T-Shirts/Costumes
- Biggest Loser
- Dirtiest Shoe
- Best Legs
- Team Who Walked The Most Miles
- Individual with Most Miles

Biggest Loser

MID-WAY EVENT WINNER



NAME

RECOGNITION EVENT WINNER



Lost 23 1/2 lbs

Team Who Walked The Most Miles



survival of the fittest

Total: 7, 212.20 MILES



Individual With The Most Miles

1. Michael Martinez - 2,000.00 Miles
2. Stephanie Hernandez - 1,997.00 Miles
3. Angie Hernandez - 1,444.50 Miles



A Team Effort Program
Jaime Lopez &
Jocelin B. Villarreal



Frio County - Walk Across Texas 2015 : <https://www.youtube.com/watch?v=zstEXca38ao>

By: Jocelin B. Villarreal
FCS County Ext. Agent



Friend to Friend in Frio County, 2015

The *Friend to Friend* program's purpose is to encourage women to get regular mammograms and Pap tests for the early detection of breast and cervical cancer, when the disease is most curable.

Relevance

- Regular screening significantly increases the likelihood of finding cancer early, when treatment is more often successful.
- Women living in rural areas of Texas are less likely than their urban counterparts to have had a mammogram or Pap test within the past two years.
- Mortality is higher for rural women because of later diagnosis.



Response

- This project's goal is to decrease breast and cervical cancer morbidity and mortality for women living in rural Texas counties by improving screening rates and early detection of cancer.
- Funding was applied for and awarded by the Cancer Prevention and Research Institute of Texas (CPRIT) to fund screenings and transportation to uninsured and underserved women in need of screening services.
- The county Extension agent, regional cancer prevention specialist, and patient navigators plan and implement a Friend to Friend event. Women attending are given the opportunity to sign a commitment card to obtain a mammogram and/or Pap test within the next year and the option to complete a help request form for assistance in obtaining screening services.



Results \ Impact of the Program

Friend to Friend was implemented in 40 Texas counties in 2015.

35 women attended the *Friend to Friend* events on October 6, 2015 at the Pearsall High School in the city of Pearsall, Texas.

Demographics of women who attended the events:

- Median age was: 38.
- Ethnic breakdown:
 - ⇒ African American: 0 %
 - ⇒ American Indian/Native American: 0 %
 - ⇒ Asian/Pacific Islander: 5.9 %
 - ⇒ Latina/Hispanic: 76.4 %
 - ⇒ White: 11.8 %
 - ⇒ Multiple race/ethnicity: 5.9 %
 - ⇒ Other/missing: 0 %



<https://www.facebook.com/friocountyagrilife>



- Frio County Friend to Friend 2015 :

<https://www.youtube.com/watch?v=kQ6oV4LRy4I>

- 2015 Friend to Friend Event

<https://www.youtube.com/watch?v=GBMT37yXhXA>



#FrioAgriLife Board

<https://www.pinterest.com/JocelinBV/frioagrilife/>

- **5** total volunteers assisted at party/events.
- A Health Care Professional, and Friend to Friend Program Specialist urged women to obtain a mammogram/Pap screening at the events.
- At the end of the event 100 % of women, aged 40 or over, correctly identified the need for a mammogram screening every year.
- **4** Women requested help to navigate screening and diagnostic services.
- **38** Clinical sites are contracted statewide for screenings, diagnostics, radiologists and lab services.
- **0** Mammogram screenings and diagnostics were paid for through CPRIT funds.
- **0** Pap screenings and diagnostics were paid for through CPRIT funds.
- Women were referred to other available sources for Breast and Cervical screenings and diagnostics.

Success Story

This year, Pearsall High School cheerleaders helped promote breast cancer awareness by helping with the *Friend to Friend* program. They held a fundraiser to help a 14 year old little girl who was diagnosed with breast cancer in Frio County.



Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, sex, disability, religion, age, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating

2015 Frio County Family Consumer Base Plan

Relevance

In order to increase knowledge about family consumer science education in Frio County, it is important to outreach through out the community by joining and creating partnerships. This year I was able to join many committees, councils, and boards as well as create a mini Family Consumer Science Committee.

Programs and events created this year were directed more towards woman, parents, and youth education.



Response

The Texas A&M AgriLife Extension Service in Frio County developed the following activities to address FCS relevant topics.



FCS Committee Meetings (6)

In Depth Programs:

Walk Across Texas:

- Walk Across Texas Coach Training
- Walk Across Texas Program Starts (Kick-Off Event)
- Walk Across Texas –Midway Event
- Walk Across Texas Recognition Event

- Friend to Friend Breast & Cervical Cancer Awareness
- Friend to Friend Program Planning (4 Meetings)

Health Fair Meeting

Health Fair Sub Committee TAB Meeting

HHSC-OBA Colonia's Initiative Partners Meetings (4)

Health Fairs:

- HHSC-OBA PISD Health Fair
- Frio Co. WIC Community Health Fair
- Oktoberfest (Health Fair)
- Frio Regional Hospital Health Fair

Fitness Committee Meetings (2)

Diabetes/Fitness Planning

Dilley BSR Gym Meeting

Fitness Programs:

- Workout Wednesday Events "Lunch & Workout" & "Evening Classes" (14)
- Walk Off the Monday Blues
- Strength DVD Fitness Classes (7)
- Walking DVD Fitness Class (5)
- Yoga DVD Fitness Class (2)
- Zumba Fitness Classes (20)



Farmer's Market & Carseat Check-up in Alice, TX

Atascosa County Fair Judging

Day of the Dead Celebration (The Book Life)

Pumpkin Carving Event

Food Bank -Food Distribution (Pearsall)

4-H Food Show Information Meeting

District 12 4-H Food Show/Challenge

District 12 4-H Consumer Decision Making

S.A. Livestock Show & Rodeo – 4H Food Challenge



Cooking/Baking Classes:

- Basic Preservation Class
- Canning Tutorial in Live Oak
- Green Smoothie Class
- Spider Cookies
- Cupcake Baking & Decorating



Family and Consumer Sciences

Carseat Planning Meeting - Atascosa County
Child Passenger Car Seat Events (4)
WIC - Women's Health Education Presentations at both Pearsall & Dilley (5)
Money Management at the KAF
KAF (Maternal & New Born Nutrition Presentation) at Pearsall Public Library
Shaken Baby Presentation at KAF
SIDS Presentation at the KAF
Toy Safety Presentation for KAF at Pearsall Public Library
Relay for Life – Frio 4 H



TEXAS A&M
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EXTENSION

Schools:

PISD SHAC Meetings (5)
DISD SHAC Meeting
Meetings w/ PISD Schools (9)
Meeting Dilley ISD

Hotdog Fiesta at Pearsall High School
Shattered Dreams (Pearsall High School) Meeting

Shattered Dreams – Pearsall High School Senior Class 2016 Meeting – Pearsall (2)

Water Safety Presentation at different schools (2)

ATV Safety Presentation at PISD High School

Scrubby Bear Presentations at different schools (5)

Seat Belt Safety (Ted Flores Elementary)

Bike Safety Presentation (Ted Flores Elementary)

Pearsall Jr. High School "Bully & Cyberbullying"

Reb Ribbon Week: Presentations at Different Schools

Stranger Danger at Ted Flores Elementary

Bullying at Intermediate Pearsall School (2)

Bullying at Junior High Pearsall School



"Professional Development" – Sewing Presentation in Live Oak

District 12 4-H Duds to Dazzle Contest Meeting
Cameron County 4-H Basic Sewing Techniques - Guest Speaking
4-H Duds to Dazzle Presentation – Webb County
4-H Fashion Show Presentation – Webb County
4H 101 Workshop "Clothing & Textiles Presentation" (Alice, TX)

4-H Photography & Fashion Show Enrollment Meeting
District 12 Fashion Show – Falfurrias, TX
District 12 4H Fashion Show Committee Meeting
District 12 4H Fashion Show Meeting – Laredo, TX

Origami Butterflies - "Earth Day Wishes" (4H Project)

Results

Results indicate that Frio County community are being more receptive to Family Consumer educational events and activities. Since, this was the first year having a Frio County Family Consumer Science Extension Agent ever in Frio County, the community took a little awhile to understand what an FCS agent can offer. This coming year will be a lot busier with family consumer science educational events and activities since the community has taking a liking to all the programs Texas A&M AgriLife Extension can offer.

Texas A&M AgriLife Extension Service—Frio County would also like to recognize the cooperation with the Department of State Health Service, Nix Community Hospital, Frio Regional Hospital, Pearsall Nursing Home & Rehabilitation, Frio County WIC Program, Pearsall Independent School District, Dilly Independent School District, Kids Are First Head Start, and the Frio Translational Advisory Board (UT Health Science Center).

The Frio County Family Consumer Science Committee would like to thank all commodity groups, organizations and government agencies that cooperated in addressing our educated efforts in Frio County. Working with the Frio County FCS Committee and Frio TAB, Texas A&M AgriLife Extension Service—Frio County will continue to offer programs targeted to the needs of the county. The results of these programs will lead with more engaged and educated community members.



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#FrioAgriLife



By: Jocelin B. Villarreal
FCS County Ext. Agent



2015 Frio County One Day 4-H Plan

Plan Summary Report

Date of Summary: December 7, 2015

Relevance:

“One Day 4-H” is a day for all 4-H members, parents, leaders and volunteers to step out into the community and county and say “thank you” by giving back for the more than 100 years of support to 4-H in Texas. The Frio County 4-H Club members identified potential community service projects in the county and nominated their project to the Frio County 4-H Council.

Response:

The Frio County 4-H Clubs identified community service projects that were needed in the county. Each club then narrowed their list by voting on one community service project they would like to nominate to the Frio County 4-H Council. The council then voted on all 4 community service projects that were nominated, and selected the 2014 “One Day 4-H” Community Service Project. This year’s Frio County 4-H Council voted to raise money for a fellow 4-H member with health issues.

Results:

Frio County 4-H hosted a Hot Dog Lunch Sale at the Tractor Supply Store in Pearsall on October 11, 2014. A total of \$668.90 dollars was earned. The money raised was then presented to the family at the Frio County 4-H Council meeting.

A participation survey (retrospective post) was utilized to measure programmatic impact. A total of 19 of 41 returned the survey.

The first section focused on overall satisfaction of the event:

- Overall satisfaction with activity – 87.7%
- Satisfaction with the activity being enjoyable – 83%
- Satisfaction with the accuracy of the information – 79%
- Satisfaction with the information being easy to understand – 88%

The last section focused on intentions to change based on what the participant learned:

- Plan to take any action or make any changes – 65%
- Will this activity help you make more money or reduce expenses – 77%
- Would you recommend the particular activity to others – 100%

Summary of Results:

Results indicate the Frio County “One Day 4-H” Plan met its objectives to increase knowledge and change behavior of all 4-H members that participated. 87% of the participants indicated that they were completely or mostly satisfied with the event.

4-H and Youth Development

Acknowledgements:

Special thanks go out to Tractor Supply Company – Pearsall, Pearsall 4-H Club, Dilley 4-H Club, Claybuster 4-H Club, Mavericks 4-H Club, Frio County 4-H Council members, volunteers, and Mrs. Gulick- Frio County 4-H Council Leader.

Future Program Activities:

Frio County 4-H Clubs, Frio County 4-H Council, 4-H Volunteers, and 4-H Leaders will continue to work in our communities to identify future community service projects.

2015 Frio County 4-H Outreach and Expansion Plan

Developed By: Jaime Lopez, Frio County Extension Agent – Ag

Jocelin Villarreal, Frio County Extension Agent – FCS

Summary: December 14, 2015

Relevance:

The Frio County 4-H and Youth Development program consists of 4-H clubs/groups, 4-H managers, volunteer leaders, Youth Leadership Advisory Board, 4-H County Council and other community partners that come together to provide an informal educational experience to the youth of Frio County. Not only do members and volunteers participate in educational events through projects and activities, they are also involved with the County Extension Agents in helping grow and expand the program. Frio County has a total population of 17,217 (2010 Census) and 2,722 youth are from the ages of 9-19 years of age.

The Frio County 4-H program uses every means possible to promote the 4-H program throughout the county. In the last five years a plan was developed to set goals on increasing the 4-H enrollment in the county by 10 percent.

Response:

A major effort to promote and expand the Frio County 4-H program occurs during the start of the school year through the end of October. The following programs and activities were used to achieve our goals:

- School Curriculum Enrichment Program for school districts
- Promote 4-H in local mass media (Newspaper, Radio, Website)
- Frio County 4-H Newsletter and Calendar
- School Announcements and Marquee Announcements
- 4-H program flyers at schools and local businesses

4-H and Youth Development

- 4-H Club Enrollment Days
- Social Media – Facebook, 4-H App., website, texting groups
- Club Manager Training
- Club Officer Training
- 36 foot Frio County 4-H Enrollment Street Banner

Results:

Due to our efforts the Frio County 4-H program has increased enrollment and participation: The following table illustrates that expansion:

Table 1:

| | 4-H Club Members | 4-H Special Interest | School Curriculum | Total |
|------------------|------------------|----------------------|-------------------|-------|
| 2010-2011 | 148 | 82 | 179 | 409 |
| 2011-2012 | *114 | 168 | 207 | 489 |
| 2012-2013 | 123 | 15 | 177 | 315 |
| 2013-2014 | 160 | 0 | 192 | 352 |
| 2014-2015 | 160 | 63 | 155 | 378 |

*4-H Participation Fee Implemented

Because of our efforts in the last five years the Frio County 4-H program has become the largest youth organization outside the school districts in the county. This has also lead to an increase in volunteer management to help the County Extension Agents manage the overall program. We continue to provide educational trainings to our club managers and volunteer leaders to help us manage the 4-H program. Each year we provide club manger trainings, club officer trainings and volunteer trainings to help us meet this challenge. The following is the results of the satisfaction survey evaluation given to the club manager:

4-H and Youth Development

Table 2:

| | | Completely % | Mostly % | Total % |
|----------|--|---------------------|-----------------|----------------|
| 1 | Satisfaction with information you expected to receive | 80 | 20 | 100 |
| 2 | Satisfaction with accuracy of the information | 80 | 20 | 100 |
| 3 | Satisfaction with the information being easy to understand | 60 | 40 | 100 |
| 4 | Satisfaction with the timeliness of information | 80 | 20 | 100 |
| 5 | Satisfaction with helpfulness of the information | 80 | 20 | 100 |
| 6 | Satisfaction with relevance of examples used | 80 | 20 | 100 |
| 7 | Satisfaction with instructions knowledge level | 80 | 20 | 100 |
| 8 | Satisfaction with instructions responses to questions | 60 | 40 | 100 |
| 9 | Satisfaction with physical settings | 100 | 0 | 100 |

Summary:

As a result of our efforts, today we have 160 4-H club members and 75 adult volunteers. Frio County 4-H Club Managers, volunteer leaders, and club officers have a better appreciation on the total effort in trying to expand the Frio County 4-H Program.

Acknowledgements:

Special thanks to the Frio County 4-H Club Managers, Club Officers, Volunteers, Youth Leadership Advisory Board, 4-H Council, Pearsall I.S.D., Dilley I.S. D., Frio County businesses, and Frio County AgriLife Extension Staff.



4-H YOUTH DEVELOPMENT

Making a Difference in **Frio County** **2015**

Annual 4-H Program Summary

County 4-H Youth Involvement

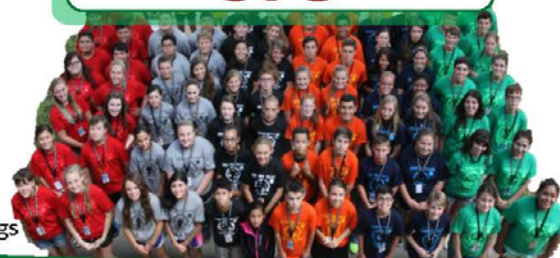
- 4 Chartered Community Clubs
- 160 Members Enrolled in 4-H Clubs
- 63 Youth Reached through Community-based Programs
- 155 Youth Reached through School-Based Enrichment Curriculum

County 4-H Leadership, Advisory, and Support Organizations

- 23 Youth Board Members attended 3 Meetings
- 49 County 4-H Council Members attended 4 Meetings
- 0 Adult Leaders & Parents Organization Members attended 0 Mtgs

Total Youth Reached

378



of Youth Attending

| <u>Participation in County 4-H Events</u> | | <u>County Participation in District Events</u> | | <u>County Participation in State/National Events</u> | |
|---|-----|--|-----|--|----|
| Annual Big Blast Shoot (July) | 120 | D12 4-H Shooting Sports | 6 | S.A.L.E. Stockshow/Rodeo | 21 |
| Frio Co. Jr. Livestock Show | 99 | D12 4-H Leadership Lab | 6 | Texas 4-H Shooting Sports Games | 7 |
| Country Store | 92 | D12 4-H Election Convention | 2 | Houston Stock Show/Rodeo | 5 |
| South Texas Shoot Out (March) | 85 | D12 4-H Round-Up | 0 | Star of Texas Stock Show/Rodeo | 4 |
| One Day 4-H | 45 | D12 4-H Council Meeting | 0 | San Angelo Stock Show/Rodeo | 1 |
| <u>Most Popular Club Projects in the County</u> | | <u>Most Popular Curriculum in the County</u> | | | |
| Rabbits | 64 | Bullying/Scrubby Bear | 155 | | |
| Goats | 34 | Outdoor Education | 63 | | |
| Shooting Sports | 17 | Quality Counts | 18 | | |
| Swine | 21 | Walk Across Texas (youth) | 7 | | |
| Beef | 13 | | | | |

County 4-H Volunteer Support

- 32 Registered & Screened Volunteers Supporting Clubs
- 14 Club Managers, Co-Managers, and Project Leaders
- 243 Hours Contributed by Volunteers in Support of Clubs

Value of Volunteer Time Supporting 4-H

\$5,594

Livestock Show Premium Sale Proceeds*

\$578,070

Includes all projects (4-H and FFA)



d124-h.tamu.edu

Frio County

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County 4-H Leadership & Personal Development Programs

- 7 Attended State-level Leadership & Personal Development educational or competitive events
- 3 Attended District-level Leadership & Personal Development educational or competitive events
- 6 Attended District Leadership Lab
- 6 Received 4-H Scholarships valued at a total of \$9,100

Local Training Opportunities for Youth and Adults

- | | |
|--|-------------------------------------|
| 8 4-H Club Manager Training | 7 Livestock Judging Training/weekly |
| 160 Parliamentary Procedure Training at first club meeting | 2 Plant I.D. Training/weekly |
| 5 Claybuster's Shooting Sports Safety Training | |
| 14 Shooting Sports Training/weekly | |

Significant Leadership & Personal Development accomplishments from county Events & Activities

All 4-H members received parliamentary procedure training at their first meeting. 4-H officers are able to run their meetings in a more efficient manner. The club managers or co-managers were trained this year to lead their respective clubs.

County 4-H Agriculture & Natural Resource Programs

- 150 Livestock Projects (all species)
- 99 Participated in County Livestock Shows
- 31 Attended State-level Livestock Shows
- 2 Attended District-level Agriculture & Natural Resources educational or competitive events
- 18 Youth Trained through "Quality Counts" Program

Local Training Opportunities for Youth and Adults

- | | |
|-----------------------------|--------------------------------------|
| 17 Steer Validation/Clinic | 22 Commercial Heifer Weigh-In/Clinic |
| 25 Lamb Validation/Clinic | 57 Goat Validation/Clinic |
| 82 Swine Validation/Clinic | 7 Poultry Validation/Clinic |
| 50 Rabbit Validation/Clinic | 12 4-H Showmanship/Clinic |

Significant Agriculture & Natural Resource accomplishments from county Events & Activities

Due to an increase in 4-H enrollment, Frio County 4-H had an increase in 4-H participation at county and major livestock shows.

County 4-H Family & Consumer Science Programs

- 0 Attended State-level educational or competitive events
- 0 Attended District-level educational or competitive events

Local Training Opportunities for Youth and Adults

- 4 Food Show/Food Challenge
- 7 Fashion Show
- 35 Walk Across Texas

Significant Family & Consumer Science accomplishments from county Events & Activities

This year, a lot of outreach activities and events were hosted. We had 4-Hers interested in family consumer science projects but were not ready to participate. So, this coming year we are hoping to have more 4-H participation in Family Consumer Science events.

Community Economic Development

2015 Frio County Community Resources and Economic Development Plan

Developed By: Jaime Lopez, Frio County Extension Agent-Ag

Date of Summary: December 1, 2015

Relevance:

Frio County AgriLife Extension Service provides educational programs in community resources and economic development to enhance the quality of life for Frio County residents. Community development programming targets the development of individual abilities and community support for creating and growing businesses, jobs, wealth and income.

Response:

The Frio County Community Resource and Economic Development Plan, provides outreach education to inform clientele and stakeholders or community needs. The following programs or events were administered:

- Frio County Jr. Livestock Show
- Frio County Commercial Heifer Show
- Frio County Country Store
- Claybusters 4-H Club continues to host competitive shoots as fundraisers to raise money for club expenses
- City of Pearsall Committee on a new Multi-Purpose Facility
- Meeting with County Judge and Commissioner's Court Attorney on New Multi-Purpose Fairground Facility

Result:

The 2015 Frio County Jr. Livestock Show, Commercial Heifer Show, and Country Store raised over \$578,070.00 dollars for all participants.

The Frio Claybusters 4-H Club hosted 2 fundraiser shoots that included the South Texas Shoot-Out and the Frio Big Blast County Shoot.

An exploratory committee was also formed to help plan a new Multi-Purpose Fairground Facility for Frio County. The committee met with Frio County Judge and Commissioners Court Attorney to start the discussion on the construction of a new Multi-Purpose Fairground Facility in Frio County. The City of Pearsall has also formed a committee in which I have been invited to serve on as vice-chair to look into the construction of a multi-purpose facility.

2015 Frio County Emergency Management Plan

Plan Summary Report

Date of Summary: December 1, 2015

Relevance:

The Frio County Emergency Management Plan provides guidance for the deployment of emergency resources under a local incident command. Our local emergency plan includes specific provisions for requesting and deploying state resources to aid in managing and resolving situations for which local resources are inadequate.

Response:

Frio County Emergency Management Plan provided outreach education to clientele that helped them reduce their risk during a disaster. The following programs and activities were conducted this year:

- *Reviewed and updated the Animal Issues Committee Plan
- *Staff Disaster Preparedness Training
- *Office Disaster Preparedness Plan Review
- *National Preparedness Week – Media Campaign
- *District 12 Emergency Management Strike Team

Result:

This agent met with the County Emergency Management Coordinator to update him on the Animal Issues Committee Plan, Office Emergency Management Preparedness Plan and the Staff Disaster Preparedness Plan. This agent also informed the County Emergency Coordinator on the recent emergency management training's this agent has attended.

Over 90 families received Disaster Preparedness information through the 4-H monthly newsletters. Over 3500 people were reached through the local newspaper circulation during National Preparedness Week Media Campaign. This agent also volunteered to join the District 12 Emergency Management Strike Team to help co-workers around the state during a disaster.

Texas A&M AgriLife Extension Service Frio County

Staff

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