



## Extension Education in Maverick County

# Making a Difference

The Texas A&M AgriLife Extension Service and its partners have long been dedicated to educating Texans. Extension education evolved nationwide under the 1914 federal Smith-Lever Act, which sought to extend university knowledge and agricultural research findings directly to the people. Ever since, Extension programs have addressed the emerging issues of the day, reaching diverse rural and urban populations.

In Texas, all 254 counties are served by a well-organized network of professional Extension educators and some 100,000 trained volunteers. Extension 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

## **EXTENDING KNOWLEDGE** *Providing Solutions*

those served are hundreds of thousands of young people who benefit annually from Extension's 4-H and youth development programs.

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

## **Maverick County – Summary of 2016 Educational Contacts**

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**4-H Clubs - 6**

**4-H Club Members - 282**

**LAB and Youth Board Meetings – 2**

**Adjunct Faculty Agreement with Eagle Pass ISD – 1**

**Pesticide Applicators Trainings and CEU's – 2**

**4-H Newsletters posted on [maverick.agrilife.org](http://maverick.agrilife.org) – 12**

**4-H Newsletters posted on 4-H Connect – 12**

**Agricultural Demonstration Plots – 2**

**AgNR Total Contacts – 13371**

**FCS Total Contacts – 9169**

**TV Interviews and Newspaper releases – 16**

**4-H Trainings, Clinics, and Workshops – 24**

## Agriculture and Natural Resources

# 2016 Maverick County Rangeland Management In-Depth Plan

**Oscar Galindo**

### Relevance

In Maverick County the type of terrain that prevails is mostly rangeland. We have some crop fields in the Quemado area to the North, and in El Indio to the South. We also have some pecan orchards in these areas. The main concern of the ranchers is to control the brush, mostly along the fence lines. Regardless of their operation either cattle or agriculture the brush in their properties is a constant problem. Educating the producers concerning the different herbicides, and the proper method of handling the chemicals would be primary target. Developing agricultural demonstration sites, using different chemical will help them better understand the subject. The Agricultural Field Day is offered to the ranchers every year. The main purpose is to educate the clientele in different subjects, and one of them is brush control. Other topics are financial aid, pesticide applicators license, and environmental issues. The organizations that participated in the event were the USDA-NRCS, TDA, National Association of Conservation Districts, Texas Parks and Wildlife, Texas A&M AgriLIFE Extension, and the Maverick County SWCD. At the end of the event we distributed a customer satisfaction survey, and positive feedback was obtained from it. The event is always announced at the local media with the Flyer.

### Response

The Maverick County SWCD is the organization that sponsors the Agricultural Field Day. It is an 8 hours event, and we serve lunch at noon. We also offer 5 CEU's to the attendees that have a current Texas Pesticide Applicators License. This year we even had a presentation of a student member of the 4-H and FFA, concerning our youth in agriculture. The event offered a brush management section offered by a specialist in the field. Concerning the agricultural demonstrations, this year the County Extension Agent continued working with Texas A&M AgriLIFE Extension brush management specialist Dr. Lyons. The agricultural demonstrations were conducted in Maverick County property. Precinct 1 Commissioner Pete Benegas allowed us to spray chemicals at the old industrial park, right next to the Maverick County Airport. We treated 150 yards of fence line on both sides of Stannie St.

## Agriculture and Natural Resources

There is no population in this area, and it is about one half of mile from the airport. We treated with four different applications. The first application was the herbicide INVORA (Trademark & Brand of BAYER CROPS SCIENCE AG) at one and half percent. The second application was INVORA plus TORDON 22K (Dow AgroSciences) at one percent each. The third application was INVORA at one and half percent and TORDON at one percent. The fourth application was SURMOUNT herbicide (Dow AgroSciences) at two percent.

### Results

The results obtained from the 2016 Agricultural Field Day are very optimistic. Thanks to the support of the Maverick County SWCD, and the president of the organization Mr. Mancha. This year we had about 40 attendees in the event, a little less than last year. Every year the numbers vary due to the different activities of the ranchers. But the presentations offered at the event were focused on local issues, with highly important information.

The results of last year agricultural demonstrations have been evaluated throughout this year. The last visit to the 2 sites was on Friday, December 9, 2016 and this was the last data collected. We also visited this year agricultural demonstration site, and only observed some defoliation and change in color.

### Future Plans

The results of this year agricultural demonstrations will be available to our producers next year. We are also planning to offer a presentation concerning these results at the 2017 Agricultural Field Day. Dr. Lyons will continue working with the Maverick County Extension Agent in issues that will benefit our local ranchers. For next year we are planning to work with an herbicide highly effective in Coyotillo. This particular brush produces a small fruit highly toxic in goats that browse on it, especially on new arrivals not familiar with this plant.

## Agriculture and Natural Resources



**TAHC Dr Lansford conduction the Tick Vaccine Workshop**



**Agricultural Demonstration Sites**



**Dr Lyons applying herbicides**



**1<sup>st</sup> Agricultural Demonstration Plot**



**A 4-H kid offered a presentation at the 2016 SWCD Agricultural Field Day**



**2<sup>nd</sup> Agricultural Demonstration Plot**

## Agriculture and Natural Resources

# 2016 Maverick County General ANR

**Oscar Galindo**

### Relevance

Maverick County General ANR plan is focused in the ranchers major issues of the region. Most of the County is rangeland that has gone from the cattle business to the game business. Deer has been a profitable asset in South Texas. Also the little crop farmers in Maverick County are choosing the Coastal Bermuda Grass for bales, rather than vegetable crops. The reason is because it requires less labor, and you can store the bales for latter sale. The pecan orchards in Maverick County are very old plantations; some of the trees are 30 or 40 years old. These ranchers are very well established, and they have all the equipment necessary to run their business. Regardless of the ranching or agricultural business one of the main problems are pests that can affect their business.

### Response

The County Extension Agent always works in coordination with the local government agencies to address local issues. This past year at the 2016 Agricultural Field Day we offered 5 CEU's to the ranchers that attended the event. The field day offered presentations of different government agencies like the USDA, TDA, DOT, AgriLIFE, and Parks and Wildlife. The Maverick County Animal Issues Committee conducted a meeting lead by the County Extension Agent. At the meeting were present TDA, USDA – APHIS, Maverick County Animal Control, City of Eagle Pass Animal Control, Maverick County Emergency Management, and AgriLIFE Extension. This year the TAHC in coordination with the County Extension Agent conducted the Tick Vaccine Workshop. TAHC Dr. Lansford and other government specialist offered the presentations. Most of the attendees were the tick raiders, and other ranchers of the tick quarantine zone. The County Extension Agent every week perform tours to different areas in the County, either because a call or by personal initiative. The purpose is to observe the conditions of crops, or the rangeland. Out of this activity data is gathered and used to submit the weekly crop report to the USDA. Also at the end of the year this information is used to complete the Maverick County Annual Agricultural Report. The County Extension Agent works in coordination with the Maverick County Appraisal District to prepare the Annual Agricultural and Land Appraisal Report.

## **Agriculture and Natural Resources**

### **Results**

The results are optimistic; the County Extension Agent has been working with different government agencies and other groups to address the local issues of the ranchers. Most of the time our clientele requires information concerning brush control, either on fence lines or in the open range. We been able to help providing AgriLIFE Extension Brochures, and recommending certain chemicals based on personal experience. It's been case in which the County Extension Agent has to contact specialists, to respond appropriately to the client.

### **Future Plans**

The County Extension Agent will continue working with different organizations to provide educational resources to the farmers and ranchers. Also attending calls concerning rangeland management or harvesting issues, and assist those calls in a professional manner. The County Extension Agent will continue with the weekly tours around the County to observe the conditions and the ranching or agricultural business.

## Family and Consumer Sciences

# Maverick County Outreach Food Protection Management – Food Handler’s Program

**Monica Aguirre, FCS-CEP Agent, Maverick County**

## Relevance

Each year, an estimated 1 in 6 people become ill from the food they eat. Common symptoms of foodborne disease include nausea, vomiting, diarrhea, abdominal cramping, fever, and headache. While some people may view this as a mere case of “food poisoning” foodborne illness has serious health and economic consequences. In fact, foodborne illnesses from five pathogens alone (Campylobacter, Salmonella, Listeria monocytogenes, E. coli O157:H7, and E. coli non-O157:H7 STEC) cost more than \$6.9 billion in medical expenses, lost productivity, and even death. All of us are at risk for foodborne illness, but older adults, pregnant women, young children, individuals with chronic disease, and those with a compromised immune system are at an increased risk. Because nearly half of our food dollars are spent on foods eaten away from home, it is imperative that employees who work in retail food service handle food safely.

## Response

Extension agents conducted a food handler’s course, accredited by the Texas Department of State Health Services. The, Food Safety: It’s In Your Hands; course is a 2-hour course to help promote the service of safe food. The certificate is good for 2 years and is valid anywhere in the State of Texas. The course is a basic overview of food safety practices that are necessary to ensure that safe food is served at your establishment. Practices discussed include good personal hygiene, cross contamination, and time and temperature abuse.

## Results

During 2016, 40 adults participated in the FPM program and completed the food handler course. All 40 participants completed the pre and post test. Change in knowledge (pre vs post) was used to evaluate the food handler program. In addition, client (customer) satisfaction surveys were collected from participants.

## Family and Consumer Sciences

Roughly 60% of participants were female and 40% were male. Ninety-five percent reported as Hispanic, 5% Caucasian. Fifty-five percent preferred English and 42.5% Spanish.

### Pre Test Scores

	Frequency	Percent	Valid Percent	Cumulative Percent
93	2	5.0	5.0	5.0
87	3	7.5	7.5	12.5
80	6	15.0	15.0	27.5
73	7	17.5	17.5	45.0
67	3	7.5	7.5	52.5
60	3	7.5	7.5	60.0
53	8	20.0	20.0	80.0
47	1	2.5	2.5	82.5
40	1	2.5	2.5	85.0
33	2	5.0	5.0	90.0
27	2	5.0	5.0	95.0
20	1	2.5	2.5	97.5
13	1	2.5	2.5	100.0
<b>TOTAL</b>	<b>40</b>	<b>100.0</b>	<b>100.0</b>	

### Post Test Scores

	Frequency	Percent	Valid Percent	Cumulative Percent
<b>100</b>	<b>3</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>
<b>93</b>	<b>15</b>	<b>37.5</b>	<b>37.5</b>	<b>45.0</b>
<b>87</b>	<b>6</b>	<b>15.0</b>	<b>15.0</b>	<b>60.0</b>
<b>80</b>	<b>8</b>	<b>20.0</b>	<b>20.0</b>	<b>80.0</b>
<b>73</b>	<b>4</b>	<b>10.0</b>	<b>10.0</b>	<b>90.0</b>
<b>67</b>	<b>2</b>	<b>5.0</b>	<b>5.0</b>	<b>95.0</b>
<b>40</b>	<b>1</b>	<b>2.5</b>	<b>2.5</b>	<b>97.5</b>
<b>33</b>	<b>1</b>	<b>2.5</b>	<b>2.5</b>	<b>100</b>
<b>Total</b>	<b>40</b>	<b>100</b>	<b>100</b>	

Summary: The food handlers program was successful in helping participants increase their knowledge about food safety as it pertains to their Food and Nutrition project.

## Childhood Obesity In-Depth Plan- 2016

**Monica Aguirre, FCS-CEP Agent, Maverick County**

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### Relevance

The Maverick County Family & Consumer Sciences (FCS) committee has identified obesity and diet related diseases as a top priority for programming in Maverick County. Overweight and obesity rates among Texas adults, age 18 and over, are 65.9% of adults were overweight, with a Body Mass Index of 25 or greater, and 31.0% of adults were obese, with a Body Mass Index of 30 or greater. Adolescent overweight and obesity rates for Texans in grades 9 through 12 are: 15.6% were overweight, ( $\geq$  85th and  $<$  95th percentiles for BMI by age and sex) and 13.6% were obese ( $\geq$  95th percentile for BMI by age and sex). Finally, overweight and obesity rates among Texas children, age two to less than five are: 16.8% were overweight, (85th to  $<$  95th percentile BMI-for-Age) and 15.3% were obese ( $\geq$  95th percentile BMI-for-Age). Diet related diseases include coronary heart disease, hypertension and stroke, type 2 diabetes, and certain types of cancer. Poor health and diet related illness have a devastating impact on households. The annual cost associated with excess weight in Texas is approximately \$15.6 billion in 2010 and could increase to \$39 billion by the year 2040. Families in Maverick County experience economic limitations. The Bureau of Labor Statistics Maverick County Data: 30.5% of households in Maverick County are living below the poverty line vs. 17.6% in the state of Texas

### Response

Nutrition programs were delivered throughout the year in diverse locations of Maverick County. Curriculums used were, *Live it! Real Live Nutrition for Teens*. This is a nine lesson program that provides technical and educational information to limited resources families and individuals to help them understand the importance of nutrition and diet. In addition, it heightens awareness of the relationship between high calorie food consumption and lack of exercise to health status. This program was offered to youth of junior high and high school age. Another curriculum utilized was, *Choose Health: Food, Fun, and Fitness (CHFFF)*. This is a comprehensive nutrition and fitness curriculum composed of six hands-on lessons for 8-12-year-olds (3rd-6th graders). Developed by Cornell University's Division of Nutritional Sciences in collaboration with Cornell Cooperative Extension's 4-H Youth Development Program, CHFFF uses experiential learning to teach healthy eating and

## Family and Consumer Sciences

active play, targeting behaviors research shows to be most important for preventing childhood obesity and chronic disease.

Topics include replacing sweetened drinks with low-fat milk and water, eating more vegetables, fruits, and whole grains, eating fewer high-fat and high-sugar foods, and playing actively 60 minutes a day.

Programming efforts throughout the year included:

- Let's Get Fit Summer program delivered at the City of Eagle Pass multipurpose center during the months of June, July and August.
- Nutrition program during school hours were conducted at the Career and Technology Education classes and Health classes at Memorial Junior High, CC Winn High School, Eagle Pass High School and Parent Education Program for pregnant teens.
- Marketing efforts included radio interviews, newspaper ads, flyers, social media, e mails and outreach to community partners.
- Programs were planned and coordinated with community partners that are members of the HOPE-K Tri-National Health Council and with members of the Family and Consumer Sciences Committee. The HOPE-K THC serves communities from Eagle Pass, Texas, Piedras Negras, Mexico and the Kickapoo Nation. The FCS Committee is made up of community members from diverse organizations. Collaborators assisted in advertising and in securing locations. Eagle Pass ISD, Kickapoo Reservation and City of Eagle Pass multipurpose center donated their facilities as well as food for recipes and assisted with logistical support.
- Retrospective post evaluations were completed for the nutrition classes and Lets Get Fit classes.

## Results

Common Measure surveys were completed by the majority of program participants. Data from 255 participants from Eagle Pass High School, CC Winn High School and Memorial Junior High School nutrition program held in December are not available. In-depth plan for 2016 yielded 2668 **contacts and 2172.41 hours (December contacts not included)**. Significant survey results are noted below.

### *Findings from 335 participant group, 96.1% Hispanic:*

I learned the foods that I should eat every day

		Frequency	Percent	Valid percent	Cumulative Percent
Valid	Strongly agree	168	50.1	51.4	51.4
	Agree	151	45.1	46.2	97.6
	Disagree	6	1.8	1.8	99.4

## Family and Consumer Sciences

### I learned what makes up a balanced diet

		Frequency	Percent	Valid percent	Cumulative Percent
Valid	Strongly agree	151	45.1	46.3	46.3
	Agree	166	49.6	50.9	97.2
	Disagree	7	2.1	2.1	99.4
	Strongly disagree	1	.3	.3	99.7

### I learned why it is important for me to eat a healthy diet

		Frequency	Percent	Valid percent	Cumulative Percent
Valid	Strongly agree	191	57.0	58.8	58.8
	Agree	120	35.8	36.9	95.7
	Disagree	9	2.7	2.8	98.5
	Strongly disagree	3	.9	.9	99.4

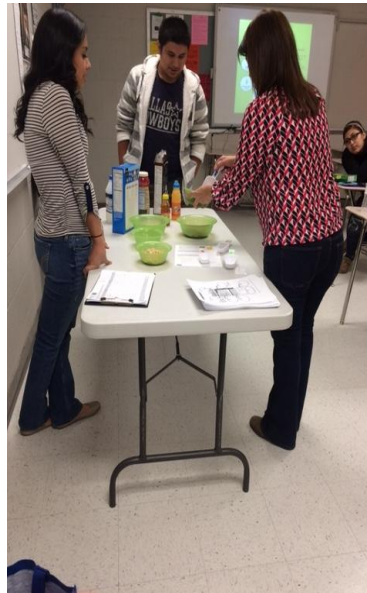
### I learned how to make healthy food choices

		Frequency	Percent	Valid percent	Cumulative Percent
Valid	Strongly agree	178	53.1	54.8	54.8
	Agree	132	39.4	40.6	95.4
	Disagree	10	3.0	3.1	98.5
	Strongly disagree	2	.6	.6	99.1

### Being active is good for me

		Frequency	Percent	Valid percent	Cumulative Percent
Valid	I agree	318	94.9	96.4	96.4
	I'm not sure	9	2.7	2.7	99.1
	I do not agree	3	.9	.9	100.0
	Total	330	98.5	100	

## Family and Consumer Sciences



## Family and Consumer Sciences

# Money Management In-Depth Plan- Welcome to the Real World 2016

**Monica Aguirre, FCS-CEP Agent, Maverick County**

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## Relevance

Welcome to the Real World is a curriculum developed to help youth make smart financial decisions and maintain financial stability. It is an experiential learning program that allows young people the opportunity to learn about personal finance through real-life learning experiences without the real-world consequences. The interactive, hands-on, real-life simulation provides youth the opportunity to explore career opportunities and make lifestyle and budget choices similar to those adults face on a daily basis. According to a 2008 nationwide survey conducted by the Jump\$tart Coalition for Personal Financial Literacy, high school seniors, on average, correctly answered only 48.3 percent of questions about personal finance and economics. That was even lower than the 52.4 percent in the previous survey in 2006 and marked the worst score out of the six surveys conducted so far. According to a 2011 Teens and Money Survey, 86 percent of teens say that they would rather learn about money management in a class before making mistakes in the real world. As per the, Bureau of Labor Statistics Maverick County Data: Unemployment rate in Maverick County is 11.4% and 30.5% of households in Maverick County are living below the poverty line vs. 17.6% in the state of Texas

## Response

Program series was conducted in collaboration with Eagle Pass ISD who provided the location for the program and assisted with facilitating the program in the classroom setting. The Money Management program is a six lecture series offered to youth in a classroom setting at Memorial Junior High, Eagle Pas High School, and Parent Education Program for pregnant teens. Series Modules include: Explore careers; Investigate how career choices can be influenced by education and other factors; Make consumer choices related to future independent living; Learn skills needed to manage their finances; Evaluate their success in managing their monthly income and expenses; Explore alternatives to balance a budget.

## Results

## Family and Consumer Sciences

Out of 63 participants who submitted surveys, 56 reported their ethnicity to be Hispanic, 5 White, 2 did not report. In-depth plan in 2016 yielded **642 contacts and 408.33 hours**. Significant survey results are noted below.

### Findings from 63 participant group

#### How likely are you to complete my education so that I can reach my career goals?

	Frequency	Percent	Valid Percent	Cumulative Percent
I already do this	4	6.3	7.0	7.0
VALID Definitely will	46	73.8	80.7	87.7
Probably will	7	11.1	12.3	100.0
Total	57	90.5	100	
Missing System	6	9.5		
Total	63	100		

#### CHANGE: Relationship between education - careers and potential earnings.

	Frequency	Percent	Valid Percent	Cumulative Percent
Increased	43	68.3	81.1	81.1
VALID No change	10	15.9	18.9	100
Total	53	84.1	100.0	
Missing System	10	15.9		
Total	63	100.0		

#### CHANGE: Balancing income and expenses

	Frequency	Percent	Valid Percent	Cumulative Percent
Increased	45	71.4	88.2	88.2
VALID No change	6	9.5	11.8	100.0
Total	51	81.0	100.0	
Missing System	12	19.0		
Total	63	100.0		

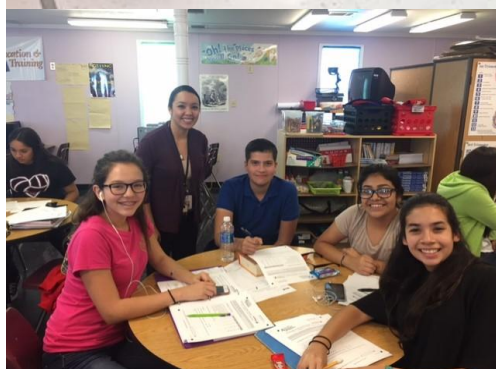
#### CHANGE: How to create and follow a spending plan (budget).

	Frequency	Percent	Valid Percent	Cumulative Percent
Increased	44	69.8	86.3	86.3
VALID No change	7	11.1	13.7	100.0
Total	51	81.0	100.0	
Missing System	12	19.0		
Total	63	100.0		

## Family and Consumer Sciences

### CHANGE: Importance of Paying Yourself First (saving)

	Frequency	Percent	Valid Percent	Cumulative Percent
Increased	44	69.8	83.0	83.0
VALID No change	8	12.7	15.1	98.1
Decreased	1	1.6	1.9	100.0
Total	53	84.1	100.0	
Missing System	10	15.9		
Total	63	100.0		



## 4-H and Youth Development



# 2016 Maverick County 4-H Grows

**Oscar Galindo**

## Relevance

Maverick County is a small community and the 4-H program help our youth with additional after school activities. The parents are constantly looking for outdoor activities the kids add to their routine. Here in Maverick County the Eagle Pass ISD has the FFA program in High School. Is an attractive class but is offered only in High School. The 4-H is an alternative program to introduce the kids since kindergarten with livestock show activities, shooting sports, and other activities. Eagle Pass is growing fast and the need of additional educational programs is imminent. Texas A&M AgriLIFE Extension offers those educational programs the community can take advantage for our youth.

## Response

In Maverick County the enrollment in 4-H is been increasing, and the numbers are optimistic. Currently we have about 282 members registered in 4-H Connect with 8 Adult Volunteers. We have 5 4-H Clubs; the Eagle Pass 4-H Club, the Southside 4-H Club, the Riverside 4-H Club, the Quemado 4-H Club, and the 4-H Council of Maverick County. The 4-H Council is represented with kids of all the 4-H Clubs. All the 4-H Clubs conduct meetings every month during the school year. The Adult Leaders all the time offer educational presentations, other than the regular items of the agendas. The most active program is the Maverick County Junior Livestock Show. Some of them are also involved in other 4-H activities, like 4-H Shooting Sports, 4-H Food Show, and 4-H Fashion Show. During the summer the County Extension Agent and volunteers conduct promotional activities. The Maverick County 4-H participates at the 4<sup>th</sup> of July Parade, at the City of Eagle Pass Back to School Fair. We also place promotional banners in different parts of the city. In April we offer the 4-H Awards Recognition Banquet, to thank not only the hard work of our kids but the volunteers and 4-H Club Managers. It is a big event and this last year about 400 attended the event. Our guest speaker was USDA – FSA State Director Judith Canales.

## 4-H and Youth Development

Also the USDA – NRCS, and the Texas Mexico Border Coalition were present at the event. The Maverick County 4-H also offers scholarships to all of our senior 4-H graduates. It might not be a lot of money, but is a small recognition for being part of the 4-H in their school years. This last year we awarded 10 scholarships at the CC Winn High School and the Eagle Pass High School Scholarship Nights. The 4-H Day is another activity our 4-H Council of Maverick County takes very seriously and they celebrate it all the time. The 4-H Council was in charge of the MCJLS concession Stand during the Queen Pageant and the Muy Grande Lamb and Goat Prospect Show. With the profit of these activities we offered the scholarships, acquired equipment for the 4-H Clubs, and helped with money the kids that went to the major livestock shows. Also with a grant that we obtained and the help of the MCJLS Association we bought a new steer hooves trimming table from Sullivan CO. The 4-H Banquet is offered to the 4-H families out of a separate fund raiser that consist in donations of local businesses.

### Results

Increasing the numbers in our 4-H program is a positive result. Also the cooperation and effort of all the groups that make possible all the 4-H activities is an encouraging sign. The 4-H Scholarships were implemented in the past couple of year, and are good examples of the effort the 4-H Adult Leaders to upgrade our program. The 4-H Awards Recognition Banquet is another example of team work, and effort to offer our kids something extra for them to remember. Every year the 4-H meetings are getting less boring by adding educational activities for the kids and other games to make them fun. The promotional activities of our 4-Hers performed during the summer definitely paid off with the outstanding results of all the programs.

### Future Plans

Hopefully next year the Maverick County 4-H can get back the full control of the MCJLS concession stand. We been working very hard with the little access we have now with outstanding results. The County Extension Agent will continue working in coordination with the 4-H Club Managers, Adult Leaders, parents, and groups for the benefit of our youth. We are also looking how to increase the 4-H Scholarships amount through grants or donations.

## 4-H and Youth Development



**Eagle Pass 4-H Club meeting**



**TPW presentation at a meeting**



**2016 4-H Awards Recognition Banquet**



**The Maverick CO 4-H at the 4<sup>th</sup> of July Parade**



**Dr. Lasitter DVM at a 4-H Club meeting**



**CEA Marcel Valdez conducting the 4-H  
Parliamentary Procedures Training**

## 4-H and Youth Development

# 2016 Maverick County Youth ANR and Livestock

**Oscar Galindo**

### Relevance

The Maverick County 4-H main activity is the exhibition of livestock show animals. The Maverick County Junior Livestock Show is the most important event for our 4-H kids. We have kids that show animal projects from kindergarten to high school seniors. The FFA teachers, the MCJLS Association, Adult Leaders, and parents work together in the livestock show program. This is a very important after school activity for the kids, not only to get them out of their bedrooms but to implement responsibility in their lives. Also from a very early age of the kids their parents start saving money for college, and they accumulate points for future college scholarships. The livestock show program for kids in 4-H requires many activities and effort from the kids and parents. They must have certain amount of community services, 4-H Club meetings, clinics, and good grades at school.

### Response

This year we validated about 130 hogs, 90 goats, 110 lambs, 20 steers, and 70 rabbits. The numbers vary every year, but this year was more than expected. Surprisingly also for the major livestock shows the numbers increased dramatically. Just for San Antonio Livestock Show we registered more than 60 entries. We had 4-H kids participating at the Houston Livestock Show, the Austin Livestock Show, and the San Angelo Livestock Show. One of our 4-H kids was able to obtain one first place of the class at the Houston Livestock Show. We also have another group of families that participate at different prospect shows with positive results. The County Extension Agent in coordination with the FFA teachers and Adult Leaders offered the Lamb and Goat Clinic, and the Poultry and Rabbit Clinic. For next year we added the poultry show at the MCJLS, apparently we will have good participation even though is a new show. This year the Maverick County Junior Livestock Association was able to raise about \$ 286,000.00 from the buyers at the auction. The sales were little less than last year due the downfall of the oil industry in our area, but very beneficial for the families of the exhibitors. Another great event was the 2016 Muy Grande Lamb and Goat Prospect Show. This year we were able to obtain more than 90 entries of lambs and goats. We had exhibitors from neighboring counties, and from other more distant places.

## 4-H and Youth Development

### Results

The results are very optimistic and every year we have new families joining the 4-H livestock program, and others obviously leave because the kids graduate. The Muy Grande Lamb and Goat Prospect Show is a great opportunity for our kids, to compete against exhibitors' from other counties and at the same time practice with the animals. Also since the 4-H Council runs the concession stand some revenue for the 4-H kids was generated. The participation of the Maverick County 4-H increased this year also. The Maverick County Junior Livestock Show added the poultry show for next year. We offered the poultry clinic, and a lot of information was delivered to the exhibitors involved in the poultry show since is something new.

### Future Plans

The County Extension Agent will continue working in coordination with the FFA Teachers, volunteers, and the livestock show association to benefit the kids. This year of 2017 we added a new species to the Maverick Junior Livestock Show, the Poultry Show. We had some families that wanted to show poultry, and the livestock show association unanimously voted in favor to the new show. Every year we develop new strategies to improve our livestock show, and there are plans to add some new items to our facility.

## 4-H and Youth Development



**2016 MCJLS goat Grand Champion**



**Poultry Clinic**



**MCJLS concession stand help**



**Rabbit Clinic**



**2016 MCJLS Muy Grande Lamb and  
Goat Prospect Show**



**Lamb and Goat Clinic**

## 4-H and Youth Development



## 2016 Maverick County 4-H Projects Education

### Oscar Galindo

#### Relevance

Something the families are looking for their kids to do after school hours are educational activities that can improve the skills of our youth. The 4-H in Maverick County offers a wide variety of activities for our youth. Recently the Maverick County 4-H program added the 4-H Shooting Sports of Archery and Rifle. The Maverick County Extension Agents have been strongly supporting the 4-H Food Show, 4-H Fashion Show, 4-H Photo Show, and 4-H Record Book. The participation varies from year to year, but there are all the time kids interested in these activities. The summer camps are another option for the kids in the Maverick County 4-H and the County Extension Agent always chaperone.

#### Response

The first weekend of March we start the Maverick County 4-H Shooting Sports Safety Training for Archery and Rifle. This past year the Maverick County 4-H Shooting Sports Rifle Program consisted in local practices, then some of the kids involved in the program participated at the District 12 4-H Shooting Sports Rifle Match. We have a 4-H Shooting Sports Club and we are affiliated with the Civilian Marksmanship, and the families can obtain inexpensive rifles and ammunition. We also have the required Certified 4-H Rifle Coach. Plus the Maverick County 4-H Rifle program have a shooting range for local practices. After the Rifle activity we start practicing archery outside of the MCJLS show barn, and some kids practice at home also.

## **4-H and Youth Development**

The Maverick County 4-H Archery program also has a certified 4-H Coach. At the District 12 Archery competition the Maverick County 4-H always participates. For the 4-H Food Show, 4-H Fashion Show, 4-H Photo Show, and the 4-H Record Book the AgNR and the FCS Agents work together to deliver the educational part, and conduct the competitions. The program for this activities' consists of planning meetings, marketing, workshops, the local competition, at the end the finalist advance to District 12 and even State. We have a good group of families that participate in these 4-H events, not only at the local level but at District 12 and sometimes at State.

## **Results**

The results are an excellent opportunity for our kids to perform different activities' that can develop new skills and responsibility. The group that participated at the District 12 Rifle Match was much greater than last year, and the placing was also much better. This past year one of our 4-H kids was able to obtain first place at the 3 -D Archery Competition at the unaided compound bow category. At the District 12 Archery competition we had the same number of kids participating like last year. At the District 12 4-H Food Show we had a good group participating in Laredo, Texas. The kids once again won the first place at the District 12 4-H Trashion Show, and some other good places. At the District 12 4-H Photo Show we also did very well, with several first places and one advanced to the State 4-H Photo Show. The District 12 4-H Fashion Show was another event in which the Maverick County 4-H participated. This year the results were similar to last year, same number of participants and placing.

## **Future Plans**

For 2017 we are planning already to participate at the District 12 Postal League. We can use the same shooting range, and the shooting competition can be in the middle of March. This is a good District 12 competition here at home, since we have the shooting range and the gear. Some families are already making plans to involve their kids in some summer camps. They would like them to attend Leadership LAB, and another at the 4-H Center in Brownwood. The County Extension Agents AgNR and FCS will continue supporting all this 4-H programs for the benefit of our kids.

## 4-H and Youth Development



**4-H Rifle practices**



**District 12 Rifle Match competition**



**District 12 Archery 1<sup>ST</sup> Place**



**District 12 Fashion Show – Trashion 1<sup>st</sup> Place**



**Maverick County 4-H Shooting Sports  
Safety Training for Archery and Rifle**



**District 12 Rifle Match participants**

## Community Economic Development

# 2016 Economic Development

## Oscar Galindo

### Relevance

The Maverick County Extension Office understands the importance of economic development. For this reason the County extension Agent every year attends the Maverick County Commissioners Court Budget Workshops and Final Approval. Also working with adult leaders and volunteers to obtain grants and donations is critical to obtain funds. Fund raisers are another method to obtain funds, like running the concession stand or plate sales.

### Response

This year the Maverick County 4-H was able to obtain a new steer hooves trimming table from Sullivan Supply CO. The acquisition was obtained thanks to a grant of the Texas Rural Communities, and the Maverick County Junior Livestock Association. The 4-H Council of Maverick County was in charge of the MCJLS concession stand during the 2016 Miss MCJLS Queen Pageant and the 2016 Muy Grande Lamb and Goat Prospect Show. With the profit obtained at the events they were able to buy the 4-H Flag, 4-H Banners, gavels, sounding blocks, flag staffs, an a giant Maverick County 4-H Banner. They also bought their 4-H Shirts, and the 4-H livestock exhibitors' cards. They also have plans to help with money all the 4-H major livestock shows exhibitors, and offer scholarships to all the 4-H senior graduates. The MCJLS Association with the help of one 4-H Adult leader was able to obtain fifteen thousand dollars for scholarships from HEB and Walmart. The 2016 Muy Grande Lamb and Goat Prospect Show offered a fair revenue for the livestock association the 4-H and FFA. The 2016 4-H Awards Recognition Banquet was another example of hard work between the County Extension Agent and volunteers. The event is offered to the kids by collecting donations from local businesses.

## Community Economic Development

### Results

The results are optimistic thanks to the work and coordination among the County Extension Agent, volunteers, and other groups. The Muy Grande Lamb and Goat Prospect Show recorded more than ninety entries, much more than any other year. At the 4-H Awards Recognition Banquet we had more than four hundred attendees among adults and kids. We served dinners for all the persons that attended the event. The coordinated work between the County Extension Agent and the local SWCD water district was the result of a great Agricultural Day. At the Agricultural Field Day brisket lunch was served to the ranchers that attended the event. The County Extension Office was able to obtain one extra hour a day to the salary of the secretary, and that is 5 hours a day 25 hours a week.

### Future Plans

The Maverick County Extension Agent will continue working with adult leaders, volunteers, groups, and government organization to obtain more funds for the benefit of our clientele.

# Extension Education in Maverick County

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## Personnel

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