**2017 Agricultural Field Day Program**

**“Educating, Innovating, and Cultivating Through Teaching, Research, and Extension”**

**Friday & Saturday, April 28 & 29, 2017**

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| **Friday, April 28, 2017** | | | | |
| **7:00 a.m. – 9:00 a.m.** | **Registration** | | | |
| **7:00 a.m. – 9:00 a.m.** | **Visit USDA Exhibits** | | | |
| **9:00 a.m.** | **General Session** | Dr. James Palmer | Interim Dean | College of Agriculture and Human Sciences |
| **9:30 a.m.**  *Carden-Waller Cooperative Extension Building (Auditorium*) | **Keynote Address** | Rev. Leslie Smith II | CEO/Founder of Change Happens | Empowering People to Help Themselves |
| **Time** | | **Topic** | **Moderators** | **Description** |
| **Friday, April 28, 2017 Workshop Session 1 (Sessions A)** | | | | |
| **9:30 a.m. – 12.00 p.m.**  *Carden-Waller Cooperative Extension Building (Auditorium)* | | **“And You Can Do it Too”** | Mr. Billy Lawton | *A panel of experienced operators will each explain aspects of their operations and the steps it took for them to be successful. Tips for success will be shared by our panel of experts. Russell Bean (Eufaula AL), Dr. Cindy Ayres (Jackson MS.) Tim Smith (Anderson, TX) and Milton & Dianne Woods (Eagle Lake, TX)* |
| **9:00 a.m. – 2:00 p.m.** | | **High school Session** | | |
| **9:00 a.m. – 12:00 p. m.**  **1:00 p.m. – 2:00 p.m.** | | **Ag Field Day High School Program** | Mr. Horace Hodge | *Prairie View A&M University, Cooperative Extension Program* |
| **12:00 p.m. – 1:00 p.m. Lunch and Vendor Displays** | | | | |
| **Friday, April 28, 2017 Workshop Session 2 (Sessions B)** | | | | |
| **1:00 p.m. – 3:00 p. m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch* | | **High Value Vegetable Production on limit acreage** | Dr. Peter Ampim | *Step by step production model for a 30 X 90 Vegetable plot that will provide year round product of vegetables for both home and sales to a farmers markets. Come dressed and prepared to spend the afternoon doing hands-on demonstration work using farm equipment such as seeders, and tillers, applying soil amendments, making compost tea and constructing drip irrigation systems which are all the elements needed to develop this program. We will be using some of the same principles learned last year at the “43560 Initiative” training. These principles can also be applied to High Tunnel production.* |
| **3:00 p.m. – 4:00 p.m.** | | **UDSA Exhibit** |  |  |
| **Saturday, April 29, 2017** | | | | |
| **7:00 a.m. – 8:30 a.m.** | | **Registration** | | |
| **8:30 a.m. – 8:45 a.m.**  *Carden-Waller Cooperative Extension Building (Auditorium)* | General Session | Dr. James Palmer | Interim Dean | College of Agriculture and Human Sciences |
| **Time** | | **Topic** | **Moderators** | **Description** |
| **Morning** | **Saturday, April 29, 2017 Workshop Session 1 (Sessions A)** | | | |
| **9:00 a.m. – 10:00 a.m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch* | | **The effective utilization of hay in a small livestock operation** | Dr. Flavio Ribeiro | *This workshop will cover basics of ruminant digestive tract and nutrient requirements for beef cattle and goats when feeding hay and supplements. Comparisons of different feeding management techniques will be presented in order to keep cows and does in good condition throughout the year and through different phases of production. The workshop will also discuss importance of body condition scores in cattle and goats. The second part of this workshop will be a hands-on examination of factors that will lead to improved hay utilization such as hay testing, hay storage, and proper feeding strategies.* |
| **9:00 a.m. – 10:00 a.m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch*  *Greenhouse* | | **Home and Commercial Production of Medicinal Plants** | Dr. Aruna Weerasooriya | *This workshop will cover common medicinal plants you can grow in your home garden and how to use them in various preparations. Many species with potential commercial application will also be discussed.* |
| **9:00 a.m. – 10:00 a.m.**  Carden-Waller Cooperative Extension Building (Conference Room B) | | **Food Safety Modernization Act (FSMA)** | Dr. Billy Lawton | *Richard De Los Santos. Director of Produce Safety with Texas Department of Agriculture will present information on the new FSMA produce rule and how it affects fruit and vegetable producers.* |
| **9:00 a.m. – 11:30 a.m.**  Poindexter Vet Clinic | | **Managing Ruminant Parasite (Goats and Cattle)** | Dr. Alphina Watson | *Controlling internal parasites in grazing animals is one of the most positive return on investments a producer can make. Understanding the interactions among livestock, worms and environment is important to prevent disease. This workshop will allow the produce to evaluate the type and parasite load in his goat and cattle herd by having fecal samples from their herd evaluated in the laboratory. Producers will have the opportunity to collect bag and bring samples from their operation to this workshop. A sample collection process will be posted on the website.* |
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| **10:30 a.m. – 11:30 a.m.**  *Carden-Waller Cooperative Extension Building (Conference Room A)* | | **Why AI?** | Dr. William Foxworth | *The question on the minds of many small producers is “Is it worth it to own a bull?” This workshop will examine the advantages and concerns of own a bull Vs. using artificial Insemination on a small herds.* |
| **10:30 a.m. – 11:30 a.m.**  *International Goat Research Center Conference Room* | | **“Ask a Vet”** | Dr. Alphina Watson | *Dr. Phillipa Gibbons will host a Question and answer session focused on addressing those questions surrounding Caprine health you always wanted to know but never had the opportunity to ask. Dr. Paul Johnson will also share with participants at this session our searchable online database of literature and videos related to Caprine diseases and health management.* |
| **10:30 a.m. – 11:30 a.m.**  *International Goat Research Center*  *Cow Dairy Parlor* | | **Added Value Goat Products Soap and Cheeses** | Mr. Scott Horner | *The value added production of goat products such cheese, yogurt, ice cream and soaps can be both fun and profitable. This session will offer the participants an overview of diversifying their operations to provide additional income streams.* |
| **9:00 a.m. – 12:00 p.m.**  *International Goat Research Center* | | **Youth Activities** | Ms. Chandra Adams |  |
| **12:00 p.m. – 1:00 p.m.** | | **Lunch and Vendor Displays** | | |
| **Afternoon Session** | | **Saturday, April 29, 2017 Workshop Session 2 (Sessions B)** | | |
| **1:30 p.m. – 2:30 p.m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch* | | **The effective utilization of hay in a small livestock operation** | Dr. Flavio Ribeiro | *This workshop will cover basics of ruminant digestive tract and nutrient requirements for beef cattle and goats when feeding hay and supplements. Comparisons of different feeding management techniques will be presented in order to keep cows and does in good condition throughout the year and through different phases of production. The workshop will also discuss importance of body condition scores in cattle and goats. The second part of this workshop will be a hands-on examination of factors that will lead to improved hay utilization such as hay testing, hay storage, and proper feeding strategies.* |
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| **3:00 p.m. – 4:00 p.m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch* | | **Improved Soil Health Through Cover Crop Management Workshop** | Dr. Ali Fares | *This project is to evaluate the performance of four different cover crops (Winter Rye, Winter Wheat, Crimson Clover, Hairy Vetch), and four mixtures/combinations (Winter Rye-Crimson Clover, Winter Rye-Hairy Vetch, Winter Wheat-Crimson Clover, Winter Wheat-Hairy Vetch). The team members of this project will monitor crop growth parameters, weed pressure, and soil organic content throughout the growing season.* |
| **3:00 p.m. – 4:00 p.m.**  *Carden-Waller Cooperative Extension Building (Conference Room A)* | | **Why AI?** | Dr. William Foxworth | *The question on the minds of many small producers is “Is it worth it to own a bull?” This workshop will examine the advantages and concerns of own a bull Vs. using artificial Insemination on a small herds.* |
| **3:00 p.m. – 4:00 p.m.**  *Governor Bill & Vera Daniels Demonstration Farm & Ranch*  *Greenhouse* | | **Raised Bed and Container Gardening:** | Dr. Peter Ampim | *Raised bed and container gardening has grown rapidly in popularity among commercial and home gardens. Both systems provides for better utilization of growing space, opportunity to grow on lest suitable sites, no need for tillage equipment and elevated growing surface for easier crop management and harvest. This system also has several disadvantages that the beginning gardener must learn to overcome. Join use for this informative session on this emerging topic.* |
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| **3:00 p.m. – 4:00 p.m.**  *Carden-Waller Cooperative Extension Building (Conference Room A)* | | **Goat Give-a-Way ;Showing and Fitting Goats** | Mr. Scott Horner | *It is an art and a science to successfully feeding out a youth show animal. This workshop will provide information on how to properly feed a youth project show goat*.  *Dairy goats make an ideal project for youth that are interested in a long-term project animal. This workshop will discuss opportunities in 4H for youth with dairy goat projects, as well as cover basic record keeping and management needed to have a successful 4H project.*  \*MANDATORY WORKSHOP FOR YOUTH THAT WILL RECEIVE GOAT KIDS THROUGH THE 4H GOAT GIVEAWAY PROJECT |
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