

# **County Extension Agents**

Fallon Foster, M.P.H.
Family & Community Health
County Coordinator

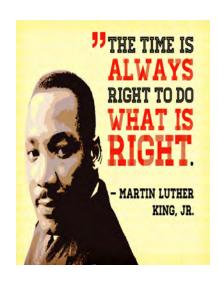
Office 409-882-7010

# Orange County AgriLife Newsletter January 2019





County Judge
Dean Crooks
Commissioner Precinct 1
Johnny Trahan
Commissioner Precinct 2
Theresa Beauchamp
Commissioner Precinct 3
John Gothia
Commissioner Precinct 4
Robert Viator



Office closed Monday, January 21st in Observance of MLK Day



Scan and go directly to our AgriLife website orange.agrilife.org



Orange County
Texas A&M AgriLife Extension



Scan and go directly to our Facebook page

How about an Adult fun day of cooking with friends and family then competing in a food challenge. If this sounds interesting to you, then reserve you spot for the Adult Cooking Class with Rocky listed below.



# A Fresh Start to A Healthier YOU!

Better Living for Texans would like you to join us for a 4 week series on learning to save money while buying groceries, food safety and meal planning all to a Healthier you!

The class will be held at the Raymond Gould Community Center in Vidor in the evening from 6 pm to 7pm on the following Tuesdays, February 5th, 12th, 19th and 26th.

The classes are free to attend and everyone is welcome. Call the office to reserve your spot.

For additional information contact, Tommy Byers with the Texas A&M AgriLife Extension Better Living for Texans, 409-882-7010.







# Vegetable Enchiladas

Serves 6

1 cup reduced fat Monterey Jack cheese shredded

1/2 cup fat free ricotta cheese

1/2 teaspoon chili powder

1/4 teaspoon cumin

1 cup fresh tomatoes diced

1/2 cup zucchini finely sliced

1/2 cup carrots shred-

ded

1/3 cup green pepper

diced

1/4 cup onion diced 6 corn tortillas

1 cup salsa



- 1. Preheat oven to 350° and spray 8x8 baking dish with nonstick cooking spray.
- 2. In a small mixing bowl, combine 3/4 cup Monterey jack cheese, ricotta cheese, chili powder and cumin. Set aside.
- 3. In a separate microwave safe mixing bowl, combine tomato, zucchini, carrots, green pepper and onion. Cover and cook in the microwave for 4 minutes.
- 4. Wrap tortillas in a damp paper towel and microwave for 30-45 seconds or until warm.
- 5. Spoon cheese mixture evenly on all 6 warm tortillas and top with vegetable mixture. Roll tortillas up and place in a baking dish seam side down.
- Spread salsa and remaining 1/4 cup shredded cheese evenly over enchiladas and bake for 20 minutes.
- Allow to cool for 5 minutes and serve.

Nutrition Facts: 6 Servings per container, Calories 160; Total Fat 4.5g; Saturated Fat 2.5g; Cholesterol 15mg.; Sodium 360mg; Total Carbohydrate 21g; Dietary Fiber 2g; Total Sugars 4g; Protein 9g.

https://dinnertonight.tamu.edu/recipe/ vegetable-enchiladas/

# **Agriculture/Natural Resources**





Master Gardener 2018 Christmas Party











# **Agriculture/Natural Resources**

# ORANGE COUNTY MASTER GARDENERS MONTHY MEETING Public Welcome

Monthly Meeting is held on the 2nd Thursdays of each month. Starting at 6 pm with a meal social till 6:30 followed by their business meeting and monthly presentation. The public is welcome to visit any of the meeting. The meeting is held at the Orange County Convention and Expo Center, 11475 FM 1442 Orange. If you have further questions about the Orange County Master Gardens contact the Texas A&M AgriLife Extension Office at 409-882-7010.



Call or stop by the AgriLife Extension
Office

Tuesdays & Thursdays 10am-2pm
Or call and talk with our
Master Gardener on the MG Hotline,
409-745-9708,

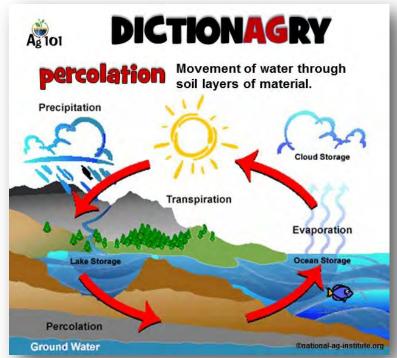
You can also call the office Monday-Friday 882-7010 and leave a message for the Master Gardener



WISH
YOU
WERE
HERE
Volunteer

The Field of Plenty

2120 Wickard thefieldofplenty@gmail.com Email Us Today!





# 4-H/Youth Development

# 4-H Christmas Party 2018



# 4-H/Youth Development



# Dusty Trails 4-H & Clover Kids Club

1st Tuesday 6pm @ 4-H Office Chesley Walters 409-781-0946 Tommy Byers 409-216-9865

## **Adult Leaders Association**

2nd Monday @ 7 pm 4-H Office

# **Mighty Pirates 4-H**

2nd Tuesday @ 7 pm, Vidor Junior High Cafeteria Tammy Glawson 409-474-2811 Franny Woods 409-330-7024

# **Boots & Bridles 4-H Horse Club**

3rd Monday 6 pm @ T2 Arena Nicole Kepley 409-779-5521

# **All Hearts 4-H Homeschool Club**

3rd Monday 1 pm @ 4-H Office Tammy Swindell 409-239-6026

# **Clay Busters Shooting Sport**

Meetings—3rd Tuesday
6 pm 4-H Office
Tuesdays Shooting practice 6 pm
Orange County Gun Club
Robert Caffey 409-767-6222
robert.caffey@kodiakgas.com

# **County Council**

4th Monday @ 4-H Office 6:30 pm

# My 4H project

## **Dog Project**

2nd Monday @ 6pm 4-H parking lot—bring dogs along with a water bowl 2nd Thursday @ 6 pm Classroom - no dogs 4-H Office

## Recordbook & Fashion Storyboard 2nd Tuesday 6 pm @ 4-H Office

# Food & Nutrition

3rd Tuesday 6 pm @ 4-H Office

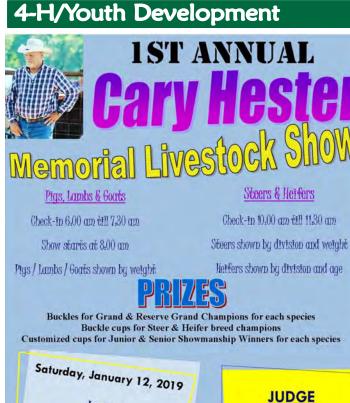
## Clothing & Textiles 4th Tuesday 6 pm @ 4-H Office

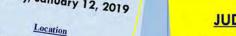
## Beginners Robotics 4th Thursday 6 pm @ 4-H Office

# Livestock Judging Meeting dates will vary 6 pm @ 4-H Office Contact the 4-H office for dates (Do not have to own an animal to participate)

### 4-H'ers are...







range County Livestock Show Barn 5319 Arnel Road, Marniceville, TX

Entry Fee \$25 per head

Co-Sponsored by : Mighty Pirates 4-H & Orange County Livestock Associati

Ricky Thompson

Show Information Contact: Curtis Mitchell (409) 454-0203 Tammy Glawson (409) 474-2811 Sandy Byers (409) 201-8523 Sabrina Gray (409) 670-6260

\* Exhibitors must be enrolled in school and a member 4-H or FFA

WHITES PARK ARENA **BARBERS HILL 4H** SAT. FEBUARY 295 WHITE PARK RD 2,2019 WALLISVILLE,TX WINTER WARM UP (ANAHUAC) \$ 25 PER HEAD VISIT OUR FACEBOOK SHOWMANSHIP PAGE @ BARBERS HILL **BUCKLE BASH** 4H WINTER WARM UP \$ 5 PER HEAD SWINE BREED BUCKLES DIVISION CATTLE YORK, HAMP, CROSS, LIGHT OPB, DARK OPB, **BUCKLES & BANNERS** 60 BUCKLES AND DUROC CERTIFIED F-1 SHOW **48 BANNERS** PRIZES FOR CLASS WINNERS GRAND AND RESERVE BANNERS IN ALL SPECIES! BUCKLES AND BANNERS CATTLE CHECK-IN FROM 6 AM TILL 8 AM 35 SHOWMANSHIP BUCKLES SHOW STARTS AT 9 AM WITH SR. STEER SHOW-

MANSHIP, STEER SHOW TO FOLLOW. HEIFER SHOW WILL FOLLOW IN THE SAME ORDER. BULL SHOW WILL FOLLOW, NO BULL SHOWMANSHIP

PIG, GOAT AND LAMB CHECK IN 11:30 TILL 1 PM

SHOW STARTS AT 2 PM WITH SR. SWINE SHOW-MANSHIP IN THE PIG BARN & SR. LAMB SHOW-MANSHIP IN THE BIG ARENA, GOAT SHOW WILL FOLLOW THE LAMB SHOW IN THE SAME ORDER.

**EVERYONE WELCOME** 

GRAND AND RESERVE SR. 16-18. INTERMEDIATE 13-15 IR 8-12 PEF-WEE MEDALS . BUCKLES FOR "OLD TIMERS", FREE TO ANY PARENT WITH A CHILD'S

STOCK SHOW PROS WILL BE ON SITE FOR YOUR SHOW SUPPLY NEEDS .

CONCESSIONS AVAILABLE ALL DAY! FOR MORE INFO CALL TONY PARHAM @ (832) 523-5340. MORE INFO ON

For a complete listing of Prospect Shows go to:

https://www.facebook.com/TexasProspectShowInfoPage/





4-H Members. It's time to start preparing for District 9 Roundup in Conroe. have You choices of participa-Southeast District 94-H Roundup tion to choose from. Last year we had

members participate in fashion storyboard, food show, educational presentation, and fashion show. We are looking forward to another exciting year in Conroe.

# 4-H/Youth Development

# January 2019 4-H Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Hami	2 Ofc Deadline for Houston Open Show	3 Dog Project 6pm	4	5
6	7	8 Mighty Pirates 7pm Recordbook & Fashion Storyboard 6 pm	9	10	11 Roaster Pickup at YMBL Ofc 4pm–6 pm bring a box for birds	12 1st Annual Cary Hester Me- morial Livestock Show
13	14 Dog Project 6pm ALA 7pm	15 Food & Nutri- tion 6 pm Clay Busters 6pm	16	17	18 Ft. Worth Livestock Show Begins	19
20	21 Office Closed	22 Clothing & Textiles 6pm	23	24 Robotics 6 pm	25	26
27	28 County Council 630pm	29	30	31		

# February 2019 4-H Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4 Office Deadline for YMBL Rabbit Entries	5 Dusty Trails 6pm	6	7 San Antonio Livestock Show Begins	8 Roaster Pickup at YMBL Ofc 4pm–6 pm bring a box for birds	9 Ft. Worth Live- stock Show Ends
10	11 Dog Project 6pm ALA 7 pm	12 Recordbook & Fashion Storyboard 6 pm Mighty Pirates 7pm	13	14 Dog Project 6pm Valentine's Day	15	16
17	18 PRESIDENTS: DAY Office Closed	19 Clay Busters 6 pm Food & Nutrition 6pm	20	21	22	23
24 San Anto- nio Livestock Show ends	25 Houston Livestock Show Begins County Council 6:30pm	26 Clothing & Textiles 6pm	27	28 Robotics 6 pm		

## Why Diabetes Matters

Diabetes can affect many major organs in your body, which can lead to an array of serious complications when left untreated. These medical problems include:

- Cardiovascular disease (CVD), or heart disease, including peripheral artery disease (PAD) and stroke
- Renal (kidney) disease
- Unhealthy cholesterol levels that can lead to atherosclerosis
- Metabolic syndrome
- Vision damage
- Nerve damage and numbness in the extremities that can lead to amputation

The good news is that diabetes is treatable and often preventable. If you have diabetes, you may be able to avoid or delay other health complications by:

- Working with your health care team to manage the disease, which may include the use of medications
- Knowing your numbers, including your blood sugar level, weight, blood cholesterol level and blood pressure
- Adopting a healthy lifestyle

heart.org



Magnesium is needed for more than 300 biochemical reactions in the body. It helps to maintain normal nerve and muscle functions, supports a healthy immune system, keeps the heart beat steady, and helps bones remain strong. It also helps regulate blood glucose levels and aid in the production of energy and protein.

# quick morning workout

- 15 squats
- 5 pushups
- 20 jumping jacks
  - 20 crunches
    - 5 pushups stretch

@workouts\_daily

# **How to Detox Your Body Through Your Feet Ionic Foot Bath**

Ionic foot baths are the perfect way to cleanse your body. They are based on electrolysis. This is a technique that uses electrical current to make a chemical reaction. So, the pores will be opened with a bit of warm water and then you have to use salt as an anti-inflammatory astringent. The feet will be able to absorb the ions and get cleansed as well. As soon as the water will turn dark, you will know that the toxins are being eliminated.

## Salt Detox Bath Recipe

1 cup of sea salt

1 cup of Epsom Salt

2 cups of baking soda

Essential oils (optional)

Take all the ingredients and put them to boil. After the mixture is boiled and then cools down, put the feet inside for 30 minutes. This will aid in soothing skin irritations. Moreover, it will detoxify the body, increase magnesium levels, and fight exhaustion and tiredness.

## Oxygen Detox Bath Recipe

2 cups of hydrogen peroxide

1 tablespoon dried ginger powder

Fill your tub with hot water and add the ingredients mentioned. Afterward, soak the feet inside for 30 minutes and this will help in treating allergies, irritations and in removing toxins.

## Clay Detox Bath Recipe

1/2 cup bentonite clay

1/2 cup Epsom salt

Essential oils (optional)

Add the Epsom salt in a hot bath so that it can dissolve. Next, add the clay in a small amount of water and add the mixture to the bath. Soak your feet inside for 20 minutes to detoxify the body and provide high magnesium amounts.

Besthealthyhabits.com

# **Agriculture/Natural Resources**

# Garden Checklist for January-February 2019

Some suggestions to work on this month on nice days to be outside or those ugly inside only days to get you ready for planting time when the weather warms up.

Continue to water and fertilize coolweather annuals such as snapdragons, Stocks, larkspur, pansies, violas and sweet alyssum to encourage the best blooms. Now is an excellent time to transplant mature or established trees and shrubs while they are dormant.

Make flower and vegetable garden plans now before the rush of spring planting. Time spent in armchair gardening before the fireplace will pay off in improved plant selection. Besides, it is fun to page through the garden catalogs and books while contemplating changes in your garden. We are in Zone 9.

Sow seeds in flats or containers to get a jump on plant growth before hot weather arrives. Petunias, begonias, and impatiens should be sown in January or February. Warm temperature plants, such as tomatoes, peppers, marigolds, and periwinkles, should be sown in late January or early February.

Apply slow release fertilizer to pansies and other cool season annuals. Distribute 5 pounds of cotton seed or alfalfa meal per 100 square feet of bed area or use commercial slow release fertilizer products according to label instructions.

Review the photos you took of last season's garden and rework your garden design. Pay special attention to areas that need more color or structure.

Review last year's garden journal and start a new one for this year by recording your seed/plant orders.

Check your stored bulbs and veggies and discard any that are showing signs of rot. Mist them lightly if they seem to be drying out.

Prepare beds and garden area for spring planting. Till in several inches of compost, composted pine bark or similar material.

Select and order gladiolus corms for February/March planting. Plant at two-week intervals to prolong flowering period.

Check junipers and other narrow-leaf evergreens for bagworm pouches. The insect eggs over winter in the pouch, and start the cycle again by emerging in the spring to begin feeding on the foliage. Hand removal and burning of the pouches reduce future damage.

The life of poinsettias and other Holiday Season plants can be prolonged with proper care. Keep the soil moist, but provide drainage so that excess moisture can flow from the pot. Keep the plant out of range of heating ducts and away from heating units. Keep in a cool room at night, preferably at 60 to 65 degrees F.

Dont fertilize newly set out trees or shrubs until after they have started to grow, and then only very lightly the first year.

When buying plants, the biggest is not always the best, especially when dealing with bare-root plants. The medium to small sizes (4 to 6 feet) are usually faster to become established and more effective in the landscape than the large sizes.

Hold off on pruning bush roses until February or early March. Use good shears that will make clean cuts. Remove dead, dying, and weak canes. Leave 4 to 8 healthy canes, and remove approximately one-half of the top growth and height of the plant.

Now is an excellent time to select and plant containergrown roses to fill in those bare spots in your rose garden.

When pruning shrubs, first prune out any dead or damaged branches; then thin out by removing about one-third of the canes or stems at ground level, removing the oldest canes only; and last, shape the rest of the plant, keeping in mind the natural shape of the plant. Water foliage plants as well as other containerized plants only when needed and not by the calendar.

Climbing roses should be trained but not pruned at this time. It is always appropriate to remove dead or weak canes. Weave long canes through openings in trellises or arbors and tie them with jute twine or

plastic or other plant ties. Securing canes now prevents damage from winter/spring winds, and contributes toward a more refined look to the garden when roses are blooming. Wait until after the spring flowering period to prune climbing or once-blooming shrub roses.



Now is the ideal time to select and plant grapes, fruit trees and berries. Contact The Orange County Master Gardeners HOTLINE for localized variety recommendations at 409 882-7010. Prune peaches and grapes at this time. Herbaceous perennials and hardy ornamental grasses may be cut back at this time. It may be difficult to assess the extent of freeze damage on citrus and semi-tropical plants until warm weather arrives. When new growth begins damaged material can be removed.

# Sleep....Can you do without it?



sleep - or at least that we can adapt to having less of it. Our 24/7 society seems to demand more of us, with round-the-clock business and entertainment. A single night

spent out on the town or surfing the internet may not be detrimental, but added up over time, the consequences of being sleep deprived are numerous and detrimental...while the benefits of sleep can be the difference in health, performance, and quality of life.

Though sleep is typically viewed as a time the body shuts down and rests, according to the National Sleep Foundation, it is actually a dynamic activity in its own right that is as essential to good health as diet and exercise, and as necessary as food and water. Insufficient sleep

is directly linked to poor health. Research suggests that insufficient sleep increases the risk for weight gain and obesity; diabetes; high blood pressure; heart disease; stroke; depression, anxiety, and other mood disorders; decreased nervous system performance; decreased endocrine system performance; decreased

immune system performance; and premature death. Insufficient sleep contributes significantly to safety issues, such as driving accidents, medical errors, and impaired job performance, which can result in accidents and injuries. Insufficient sleep affects virtually every aspect of day-to-day life, including mood, mental alertness, memory, cognitive performance, energy level, and physical performance.

As we sleep, the brain and body work toward restoration of both the brain and body, while keeping our body chemicals (e.g., hormones, neurotransmitters, etc.) in balance. We sleep in cycles of non-rapid eye movement (NREM) and rapid eye movement (REM) sleep, alternating between the two throughout the night. Although there is still much to be learned about what happens as we sleep, during NREM sleep we know that growth hormones are released, which stimulate tissue growth and muscle repair. There are also increased blood levels of substances that activate the immune system, raising the possibility that sleep helps to defend the body against infection. During REM sleep, it seems that the mind is restored in part by clearing out

Most of us might think we can do without irrelevant information, but it also facilitates learning and memory. This may be why students who get a good night's sleep (with uninterrupted REM sleep) fare better than students who stay up all night studying.

> Because our bodies are designed to regulate blood pressure, body temperature, and the release of hormones in the appropriate amounts and at the appropriate times, when we go without sleep, this balance can be interrupted, resulting in negative health consequences. In addition to affecting our Immune system, sleep deprivation also puts us at risk for:

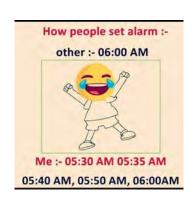
- Weight gain and obesity With sleep deprivation, there is an increase in the hormones responsible for the feelings of hunger and a decrease in the hormones that suppress hunger.
- High blood pressure and heart disease Blood pressure usually falls during the sleep cycle; however, interrupted sleep can adversely affect this normal decline, leading to hypertension and cardiovascular problems.
- Diabetes Insufficient sleep also impairs the body's ability to use insulin, which can lead to the onset of diabetes.

According to the National Sleep Foundation, more and more scientific studies are showing correlations between poor and insufficient sleep and disease. The one-third of our lives that we spend sleeping - far from being unproductive - plays a direct role in how full, energetic, and successful the other two-thirds of our lives can be. If sleep is cut short, the body doesn't have time to complete all of the phases needed for muscle repair, memory consolidation, and release of hormones

regulating growth and appetite. Then we wake up less prepared to concentrate, make decisions, or engage fully in school, work, social, and relational activities.









# **Food Safety for Hunters**

# Processing and storing wild game:

Be aware of cross contamination and temperature abuse, both will cause the meat to go

bad. Cool carcasses quickly, keep them cool during transport, and keep them out of direct sunlight. Cool the carcass by propping the chest open with a clean stick and allowing air to circulate. Thoroughly clean and sanitize all equipment used in the processing of the animal. Wash your hands, knife, cutting boards often with warm soapy water.

Packaging and storing meat is very important in the overall quality of the product. For immediate use, store meat in the refrigerator and use within a few days. If freezing, divide the meat into smaller portions then package. It is recommended to use moisture proof wrap such as heavy wax paper, laminated freezer wrap, heavy duty aluminum foil or freezerweight polyethylene bags for freezing meat products. Make sure to get all the air out of the packages prior to sealing them. Be sure to label the packages with contents and date.

## In the field:

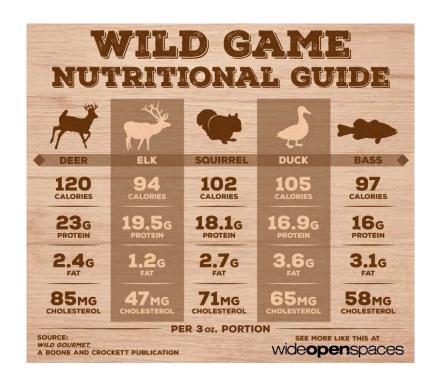
First, never shoot, handle or consume any wild animal that appears sick. Contamination can occur at any point during the processing of wild game. Take extra time and handle carcasses with care when field dressing. Some things to consider: wear gloves when field dressing, remove all internal organs, discard any meat that

is bruised, discolored, contaminated with feces or intestinal contents, contains hair, dirt or bone fragments. Remove any bloodshot areas or meat that was in contact with the bullet. Also, avoid contact with intestines, spinal tissues, and lymph nodes of animals while you work. Do not use household knives or



utensils, use knives designed for field dressing. Be sure to remove all foreign particles and loose hair.

When cleaning up in the field, be sure to properly dispose of the hide and remaining parts of the animal in an offal pit or in an approved area.



# ONE FOOL-PROOF TIP THAT SHOULD BE USED FACH AND EVERY TIME YOU GOME IN FROM A DAY AFFELD (ESPECIALLY DURING TICK SEASON), THROW YOUR GLOTHES IN THE DRYER FOR ATILEAST 10 MINUTES ON HIGH HEAT; THIS WILL KILL ANY TICKS ON YOUR GLOTHING

WWW.GEDARANTEER.COM



Orange, TX 77630 Phone: 409-882-7010 Non-Profit Org. US Postage PAID Orange, TX Permit #12

Return Service Requested



2 tablespoon canola oil

1 tablespoon garlic clove, minced

1 cup onion, chopped

1 (8 ounce) package mushrooms sliced

1 (6 ounce) package spinach, fresh

1/4 teaspoon salt

1/4 teaspoon black pepper

1 cup reduced fat cheddar cheese, shredded

5 eggs, medium to large

1. Preheat oven to 350°F.

2. Spray a 9-inch pie pan with cooking spray.

- 3. Heat oil and garlic in a large skillet over medium-high until garlic is soft and oil is infused.
- 4. Add onions and mushrooms to the skillet. Cook until veggies are soft.
- 5. Add Spinach to the skillet until lightly wilted.
- 6. In a bowl, combine eggs, cheese, salt, and pepper.
- 7. Add Spinach mixture and stir to blend.
- 8. Pour into prepared pan.
- 9. Bake until eggs have set, about 30 minutes or until knife inserted in center comes out clean.
- 10. Allow it to set up and cool for 10 minutes before serving.

Nutrition Facts: Serves 8—Serving size 1/4 cup. Calories 110, Total Fat 7g, Saturated Fat 2.5g, Cholesterol 110mg, Sodium 230mg, Total Carbohydrate 4g, Dietary Fiber 1g, Total Sugars 2g, Protein 9g.