

# Reno County Extension

## February 2017



2 W 10th Ave  
South Hutchinson KS 67505  
620-662-2371  
620-662-0313 (fax)  
[www.reno.ksu.edu](http://www.reno.ksu.edu)

### IN THIS ISSUE:

- Page 2 Letter from the Darren
- Page 3 Letter from the Darren (cont'd)
- Page 4 Central Kansas AG Showcase & Job Fair
- Page 5 Do You Have Radon in your Home
- Page 6 Severe Weather Awareness Week  
Tornado Season: Are You Ready?
- Page 7 Tornado Season: Are You Ready? (cont'd)  
Microsoft Excel Total Tip
- Page 8 Gathering for Gardeners
- Page 9 2017 Gardening Programs
- Page 10 Mushroom Workshop—Newton
- Page 11 Mushroom Workshop—Emporia

Clover Battle of the Bakers is Saturday February 25th from 8:30 am-Noon. It is at the Hutchinson Career & Technical Education Academy FACS Kitchens, 800 15th Circle, Hutchinson. Come and cheer the children (ages 7-19) on. Sponsors are Reno Co. K-State Research & Extension 4-H, Serendipity Cupcakes LLC, Dillons, and Walmart. Come watch the challenge!

March 6th is the Reno County Entrepreneurship Challenge. Children from Middle School and High School age will be participating. Please come and support our youth at the Justice Theater, Shears Technical Building, HCC from 9:30-Noon.

**Pamela Paulsen**  
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[ppaulsen@ksu.edu](mailto:ppaulsen@ksu.edu)

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County Extension Director

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*"K-State Research and Extension is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision or hearing disability, or a dietary restriction please contact Jan Steen by phone at (620) 662-2371 or by email at [jmsteen@ksu.edu](mailto:jmsteen@ksu.edu)."*

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With

**Ag Agent  
Darren  
Busick**

Hello,

As I write this I just finished with the 2<sup>nd</sup> annual Kansas Cattle Drive. For those of you there you saw a great line up of seed stock producers from across the State of Kansas. Ten days before I was lucky enough to go on a vision trip to Haiti. After the Kansas Cattle Drive it is amazing to see the difference between Haiti's livestock and Kansas'. I went with a group of people that volunteer for Care Portal here in central Kansas. The organization we went with in Haiti is Global Orphan Project. Both Care Portal and Global Orphan Project try to do the same thing and that is orphan prevention. This is very dear to my heart and are both great organizations. When my wife and I were in Haiti

we went to give the "Momma's" (the care takers for the orphans) a break and our job was to just love on and play with the kids. Any of you that personally know me know that I could talk to anyone and even a language barrier couldn't keep me from talking to people about the agriculture industry or the lack thereof in Haiti. Global Orphan Project has a school where they teach 6 different traits. Two of them are diesel mechanics and agriculture. In our group of Kansans, we had that area covered we had two diesel mechanics, safety manager at a co-op, several farmers' wives, and myself. I started talking to the administrator about the farm side of the school and loved it. They had questions many farmers here would have about the



soil health and cover crops and grazing practices and the list goes on and on. Their farming operations don't have much in common with ours as they farm 10X20 plots, not by acres. I saw two tractors in the time I was in Haiti. Most of the farming/ harvesting was done by hand. They harvest what their family needed that day and the amount they would sell at market. They would have their goats, pigs, cows (appeared to be Jersey) tethered to a piece of rope and every morning they would come out and move the livestock. I literally have hours and hours of stories that I could and would share if you would like to talk about them. Haiti is one of the monetarily poorest countries in the world and when I signed up for this trip I thought I'm going to play with these kids and hopefully change their lives by giving them hope, joy, happiness, etc. and that happened but I saw that we all have things to bring to the table. It is not just what I can bring to

them. Haiti and these kids gave me all of those things and much more. They showed me true love, joy and peace even though in our standards they wouldn't have anything. We may be richer in areas but we are much poorer in some areas too.

So taking this all back to agriculture and how lucky we are to live in this great nation with all the tools, technology and fertile soil that we have, think of that as you haul your next load of hundreds of bushels to the co-op. Yes, this is one of the lowest times in agriculture in my lifetime so far but we still have many things to be grateful for and to remember farming is cycles and we will be on the upswing before long.

Thank you for what you all do to make Kansas known as the Ag state that it is!

Darren Busick





March, 24th 2017  
Memorial Hall  
101 S Walnut St,  
Hutchinson, KS 67501  
9:00AM-3:00PM

This event was created for the many facets in the Central Kansas Ag community. The first being to promote awareness of agribusiness in Central Kansas. While showcasing businesses and services there will be a great opportunity for networking. This event is also designed to educate the public about the agribusiness industry in this region as well as provide an outlet for businesses to feature current and future job openings. The general public is invited and farmers/ranchers, and students from the area are highly encouraged to attend. There will be booth spaces available, as well as a stage for companies to talk about their product or services on a first come, first served basis. We have divided the Ag industry into 18 areas: Technology, Education, Finance, Manufacturing, etc., and we plan on offering tours to multiple sites within some of these categories. Should you be interested in being a tour site, vendor, or a speaker please contact us via the information listed below. The Central Kansas Ag Showcase and job fair will be held on Friday March 24<sup>th</sup>, 2017 at Memorial Hall in Hutchinson.

Please RSVP by March 20th

Mail this in to: 2 West 10th South Hutchinson 67505 or email it to [darrenbusick@ksu.edu](mailto:darrenbusick@ksu.edu)

Business Name \_\_\_\_\_

**Central Ag Showcase opportunities**

Contact Name \_\_\_\_\_

- Promote awareness of agribusiness in Central Kansas
- Networking
- Job Fair
- Ag Tours

Phone Number \_\_\_\_\_

E-mail \_\_\_\_\_

GET THE *FACTS* FROM JENNIFER SCHROEDER,  
Family & Consumer Science Agent

# DO YOU HAVE RADON IN YOUR HOME?

The Environmental Protection Agency (EPA) estimates that approximately 1 in 4 homes in Kansas will test at or above the EPA'S radon action level.

Brian Hanson, Radon Program Coordinator from Kansas State University will be at Salt City Land & Title on April 6, 2017 at 7pm to discuss radon in the home. Some of the topics to be discussed are: health issues related to radon, testing for radon, and radon mitigation.

## Salt City Land & Title

2612 N. Main  
Hutchinson, KS 67502

Use the South side entrance.

K-State Research &  
Extension-Reno County

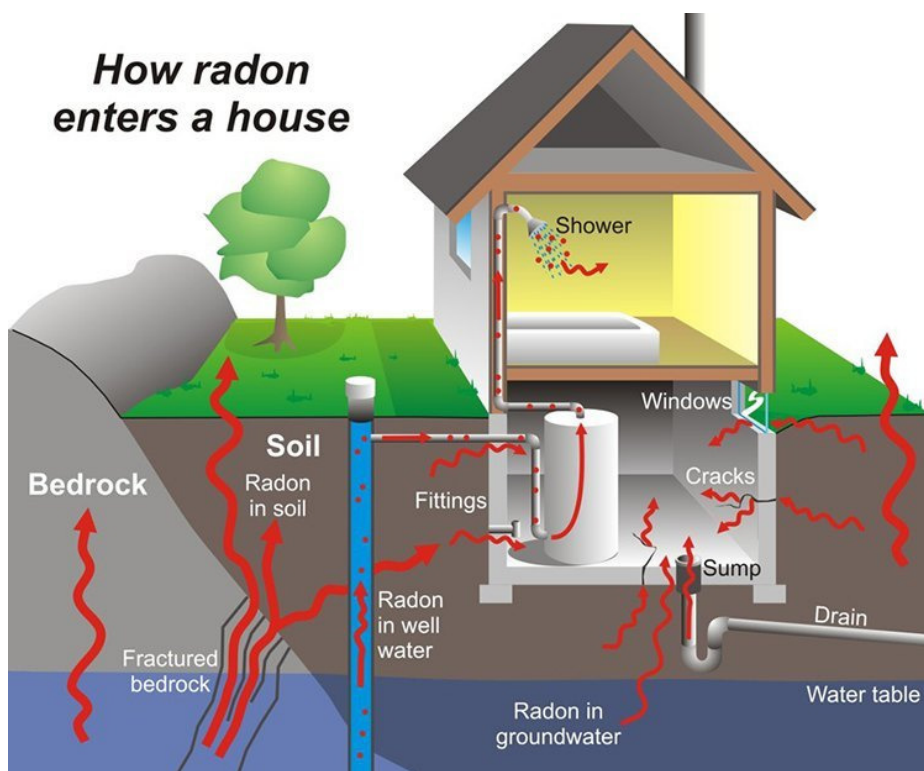
2. W. 10th Ave.  
South Hutchinson, KS 67505

Phone: (620) 662-2371  
E-mail: [jenj@ksu.edu](mailto:jenj@ksu.edu)

*Knowledge  
for Life*



## How radon enters a house



Kansas State University Agricultural Experiment Station and Cooperative Extension Service

K-State, County Extension Councils, Extension Districts, and U.S. Department of Agriculture Cooperating. All educational programs and materials available without discrimination on the basis of race, color, religion, national origin, sex, age or disability

# COMMUNITY

## BITS AND BYTES WITH JAN STEEN

### Severe Weather Awareness Week

It's about that time of year again – tornado watches and warnings, hail, high winds, and heavy rains. March 5 through March 11, 2017 will be Severe Weather Awareness Week in Kansas, with a state-wide tornado drill taking place on Tuesday, March 7<sup>th</sup> at 10 AM.

According to National Weather Service statistics, Reno County had zero tornadoes in 2016, but between 1950 and today there have been 79 total tornadoes in the county with no fatalities, and 22 injuries. The National Weather Service office in Wichita will be presenting "Storm Fury on the Plains" for anyone interested in learning more about severe weather. The Hutchinson presentation will be on Wednesday, March 8, at 6:30 PM in the Hutch Fire Training Center on 3021 E 4<sup>th</sup>. There is no cost to attend and no registration required. For more information, and a schedule of additional presentations in the area, visit [www.weather.gov/ict/spottertalks](http://www.weather.gov/ict/spottertalks)

### Tornado Season: Are You Ready?

Each year, many people are killed or seriously injured by severe storms and tornadoes despite advance warning. Some didn't hear the warning, while others received the warning but did not believe a tornado would actually affect them. After you have received the warning or observed threatening skies, you must make the decision to seek shelter before the storm arrives. It could be the most important decision you will ever make.

A tornado is defined as a violently rotating column of air extending from a thunderstorm to the ground. In an average year, 800 tornadoes are reported nationwide, resulting in 80 deaths and more than 1,500 injuries. Tornadoes can occur anywhere at anytime of the year. In the Midwest states, peak tornado occurrence is in mid-March through late June. Kansas is considered at high

risk from tornadoes and is in "tornado alley," which places the state as one of the top for tornado activity. Most tornadoes occur between noon and midnight. That's the warmest time of the day, which provides the lift for the formation of severe thunderstorms.

#### Know what to listen for...

A "**Tornado Watch**" is issued when tornadoes are possible in your area. Remain alert for approaching storms.

A "**Tornado Warning**" is issued when a tornado has been sighted or indicated by weather radar. Move to your pre-designated place of safety.

The best defense in your home, especially in the overnight hours, is having a National Oceanic and Atmospheric Administration (NOAA) weather radio for the latest tornado watches and warnings. Stay informed of weather conditions by tuning into local radio and television stations, and take all watches and warnings seriously.

Remember, tornadoes develop in areas where a severe thunderstorm watch or warning is in effect, so listen for that information as well. Remain alert!

#### Know what you can do ... tornado safety

##### *Before the storm*

Develop a plan for you and your family for home, work, school, and when outdoors.

Hold frequent drills.

Purchase an NOAA weather radio for your home.

Know the county in which you live, and keep a highway map nearby to follow storm movement from weather bulletins.

Listen to radio and television for information.

If planning a trip outdoors, listen to the latest forecasts, and take necessary action if

threatening weather is possible.

Know who is at the most risk: people in automobiles; the elderly, very young and physically or mentally disabled; people in manufactured (mobile) homes; or people who may not understand the warning due to a language barrier.

*During the storm*

In a home or building, move to a pre-designated shelter, such as a basement.

If an underground shelter is not available, move to an interior room or hallway on the lowest floor, and get under a sturdy piece of furniture.

Stay away from windows.

Get out of automobiles.

Do not use a highway overpass as shelter.

Do not try to outrun a tornado in your car; instead, leave it immediately.

If caught outside or in a vehicle, lie flat in a nearby ditch or depression.

Manufactured (mobile) homes, even if tied down, offer little protection from tornadoes and should be abandoned.

Outdoor warning sirens are for individuals outdoors. They are a warning to go to an inside shelter and listen to any Emergency Alert System (EAS) messages for details.

Following these simple steps can save your life and the lives of your loved ones.

*Adapted for Kansas from the University of Missouri Extension publication EMW1019, Eric Evans, Emergency Management Specialist, Fire and Rescue Training Institution*

**Microsoft Excel Total Tip**

A quick way to total both rows and columns in Excel at the same time is to simply select the entire block of cells and then click on the AutoSum toolbar icon. Refer to the worksheet screen captures below for guidance.

Select the block of numbers allowing at least one extra row and column for the totals.

Click on the AutoSum icon in the Editing command group on the home toolbar. It should be

located to the far right and look like this:

	A	B	C	D	E	F
1		Q1	Q2	Q3	Q4	Year End Totals
2	Sales					
3						
4	Jones, Amy	10	20	30	40	
5	Swiger, Larry	10	20	30	40	
6	Averin, Lois	10	20	30	40	
7	Brown, Stella	10	20	30	40	
8	Craft, Addison	10	20	30	40	
9						
10	Total Sales					
11						
12						

Next you'll see the totals to the right and totals at the bottom of your data set.

	A	B	C	D	E	F
1		Q1	Q2	Q3	Q4	Year End Totals
2	Sales					
3						
4	Jones, Amy	10	20	30	40	100
5	Swiger, Larry	10	20	30	40	100
6	Averin, Lois	10	20	30	40	100
7	Brown, Stella	10	20	30	40	100
8	Craft, Addison	10	20	30	40	100
9						
10	Total Sales	50	100	150	200	500
11						

*Adapted from West Virginia University Extension*

**GET GROWING with Pam Paulsen, Horticulture Agent**

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Hutchinson Horticulture Club  
**Gathering for Gardeners**  
**Saturday, March 11**  
 Our Redeemer Lutheran Church,  
 407 E 12th Ave., Hutchinson  
 Doors open at 8:30am  
 Free and Open to the Public

9:00am	Dirty Secrets to Improve Your Soil	Pam Paulsen – Horticulture Agent, K-State Research & Extension Reno County
10:00am	Vegetables for Small Gardens and/or Containers	Rebecca McMahon – Horticulture Agent, K-State Research & Extension Sedgwick County
11:00am	Patio Planters – Suggestions for Success	Ben Miller, Stutzman’s Greenhouse
Noon	Lunch on your own	
1:00pm	Ornamental Grasses	Dr. Jason Griffin, Director KSU John C. Pair Horticulture Research Center
2:00pm	Pesticides and Pollinators	Dr. Raymond Cloyd, Entomology Extension Specialist, KSU
3:00pm	Starting Plants from Seed	James Taylor

**New Garden Plants for 2017 Presentation**

The Reno County Extension Master Gardeners will be offering a presentation on New Garden Plants for 2017 on Thursday, February 23 from 6:30pm to 8:00pm at Emanuel Lutheran Church, 140 E 30th, Hutchinson. Rita Arnold from Arnold’s Greenhouse will share information on new perennial and annual flowering plants for the garden and how to grow them.

Attendance is free but please pre-register by contacting the Reno County Extension Office at 620-662-2371 or by emailing [averyc@ksu.edu](mailto:averyc@ksu.edu). Light refreshments will be served.





# Reno County Extension Master Gardeners 2017 Community Education Gardening Programs



<b>2017 Plant Highlights</b> Thursday, February 23 6:30pm – 8:00pm Emanuel Lutheran Church 140 E 30th, Hutchinson	Rita Arnold from Arnold's Greenhouse will share information on new perennial and annual flowering plants for the garden and how to grow them. Attendance is free but please pre-register by contacting the Reno County Extension Office at 620-662-2371 by February 20. Light refreshments will be served.
<b>Youth Lawnmower Clinic</b> Tuesday, Apr. 4 6:00-8:45pm Dillon Nature Center 3002 E. 30 <sup>th</sup> , Hutchinson	For youth in 4 <sup>th</sup> -9 <sup>th</sup> grades. Topics covered: Lawnmower Safety & Maintenance Types of Lawn Grasses and Their Care Having a Lawn Care Business Cost: Free but pre-registration by March 29 is required
<b>Growing and Using Herbs</b> Thursday, April 20 6:30pm – 8:00pm Emanuel Lutheran Church 140 E 30th, Hutchinson	Kay Neff of Neff Family Farms will be presenting information on a wide variety of herbs that grow well in Kansas. She will share not only growing information but how to cook with them and provide some of her tried and true herb recipes. Attendance is free but please pre-register by contacting the Reno County Extension Office at 620-662-2371 by March 17. Light refreshments will be served.
<b>Tree Identification Made Easy</b> Saturday, May 13 10:00am to noon Master Gardener Demo Garden on the HCC Campus	If you're wondering what kinds of trees do well in our area, come along for a tree i.d. walk on the Hutchinson Community College campus Wear comfortable walking shoes and bring water along. Meet at the demo garden by the pond/tennis courts. Attendance is free but please pre-register by contacting the Reno County Extension Office at 620-662-2371 by March 10.
<b>Summer Garden Tour</b> Saturday, June 10 9:00am to 3:00pm Hutchinson	Tour 5 Hutchinson gardens. Educational programs at each location. Tickets available at Hutchinson Dillons stores, Bornholdt Plantland, Stutzman's Greenhouse, Benton's Greenhouse, Dillon Nature Center and Reno County Extension Office. Gardening presentations will be in the morning at the Reno County Master Gardener Demonstration Garden located on the Hutchinson Community College Campus Cost: \$8 in advance \$10 on day of tour at each garden
<b>May – October</b> 3 <sup>rd</sup> Saturday of each month Reno County Farmers' Market 2 <sup>nd</sup> & Washington Streets, Hutchinson	Visit the Reno County Extension Master Gardener booth every 3 <sup>rd</sup> Saturday at the Reno County Farmers' Market. Gardening info will be provide and Master Gardeners will be available to answer your gardening questions. Booth highlights will include: <b>May 20 – Garden Readiness:</b> Free hand tool sharpening and pressure canner lid testing will be available <b>June 17 – Cooking with Herbs Demonstration</b> <b>July 15 - TBA</b> <b>August 19 – TBA</b> <b>Sept 16 - TBA</b> <b>Oct 21 – Perennial Plant Swap:</b> Bring a perennial plant that you've divided from your garden (or any seeds) and swap it for a different plant
<b>Music in the Garden</b> Thursday, August 3 6:00pm-8:00pm Master Gardener Demo Garden on the HCC Campus	Tour the Reno County Master Gardeners Demonstration Garden located on the HCC Campus and learn about plants that grow well in our area while listening to live music from local musician. Free and open to the public. Light refreshments will be served.

Follow our blog at: [www.renocountymastergardener.com](http://www.renocountymastergardener.com) or on Facebook at: [www.facebook.com/RenoCoEMG](http://www.facebook.com/RenoCoEMG)

Please pre-register for each class by calling the Reno County Extension Office at 620-662-2371

# Hands-On Mushroom Cultivation Workshop ~ Newton ~

Discover easy, low-cost methods for growing delicious gourmet mushrooms such as shiitake, wine cap, and oyster. Learn how to inoculate logs and wood chip beds so that you can harvest and sell your own mushrooms year after year!

## Topics Covered:

- Growing oyster mushrooms on straw and sawdust
- Inoculating shiitake mushroom logs (hands-on)
- Growing winecap and blewit mushrooms in woodchips or straw mulch
- Log selection and harvest



**Each participant will receive:**  
Oyster Mushroom Production Bag  
Inoculated Shiitake Log



**Wednesday, March 29, 2017**

**9:00am to noon**

Harvey County Fairgrounds

800 West 1<sup>st</sup>

Newton, KS 67114

**Cost of the workshop is \$25**

Space in workshop is limited

***Please bring a hand drill to the workshop***

(Corded is better than cordless. If bringing cordless, bring extra charged batteries) Some extra drills will be available

For more information, contact:

Scott Eckert

seckert@ksu.edu

316-284-8830

or

Pam Paulsen

ppaulsen@ksu.edu

620-662-2371

**Return with \$25 payment to:**

K-State Research & Extension - Harvey County

P.O. Box 583, Newton, KS 67114

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

EMAIL \_\_\_\_\_

**Mushroom Cultivation Workshop**

Please return registration by March 24

city

zip code

# Hands-On Mushroom Cultivation Workshop ~ Emporia ~

Discover easy, low-cost methods for growing delicious gourmet mushrooms such as shiitake, wine cap, and oyster. Learn how to inoculate logs and wood chip beds so that you can harvest and sell your own mushrooms year after year!

### Topics Covered:

- Growing oyster mushrooms on straw and sawdust
- Inoculating shiitake mushroom logs (hands-on)
- Growing winecap and blewit mushrooms in woodchips or straw mulch
- Log selection and harvest



**Each participant will receive:**  
Oyster Mushroom Production Bag  
Inoculated Shiitake Log



**Friday, March 31, 2017  
10am to noon**

K-State Research & Extension – Lyon County  
2632 W US Hwy 50  
Emporia, KS 66801

**Cost of the workshop is \$25**  
Space In workshop is limited

***Please bring a hand drill to the workshop***  
(Corded is better than cordless. If bringing cordless, bring extra charged batteries) Some extras drills will be available

For more information, contact:  
Travis Carmichael  
trcamic@ksu.edu  
620-341-3220  
or  
Pam Paulsen  
ppaulsen@kau.edu  
620-862-2371

**Return with \$25 payment to:**  
K-State Research & Extension - Lyon County  
2632 W US Hwy 50, Emporia, KS 66801

**Mushroom Cultivation Workshop**  
Please return registration by March 24

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
PHONE \_\_\_\_\_  
EMAIL \_\_\_\_\_  
CITY \_\_\_\_\_ ZIP CODE \_\_\_\_\_