

# TWIN CREEKS SPOTLIGHT

SEPTEMBER & OCTOBER 2021



## "To Make the Best Better"

What do you think about when you hear "4-H"? Often times the first thought that comes to a person's mind is animals. It's also common for people to think that they have to farm or ranch to participate in 4-H. Of course, that is not true! Our local fairs were filled with baked goods, beautiful photography, visual arts and so much more, all brought to you by our local 4-H members!

Yes, we do have families that join 4-H because they are interested in learning about and showing livestock. We also have families in our clubs that don't have any interest in animals but joined because they wanted to learn more about public speaking, community service and the wide range of projects that 4-H has to offer. It doesn't matter what your child might be interested in, there is a variety of programs and activities that they can choose from. If there happens to be an area of interest that is not offered in a traditional 4-H project area, there is a self-determined project area where your child decides what to do or study.

This is an opportunity to create their own project, research a sport, hobby or career.

4-H is not just about displaying projects at the county fair. 4-H helps prepare youth for life. Your child will develop skills in leadership, public speaking, self-esteem, communication and planning through their 4-H experiences. These are just a few of the many reasons why you should consider having your child get involved in 4-H.

How does 4-H work? You choose what club you would like to join. A club is a group of families and volunteers who generally meet once a month. These meetings give youth opportunities to share their projects, plan community service activities and practice running meetings.

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



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The new 4-H year begins October 1, but enrollment is open throughout the year, and your child can join at any time. Kansas 4-H is open to youth between the ages of 7 and 18. Still have questions? Of course you do! There is no way to write about all the awesome opportunities that 4-H has to offer! During the months of September and October, the Twin Creeks Extension District will be offering the 4-H Tailgate Touchdown Series. Please look for the flyer in this newsletter to explain all of the fun that will be happening at your local high school football game!

This is a great opportunity for you to talk to the extension agents, 4-H programming assistants, and most importantly...your local 4-H youth! If you don't catch us at the football game, please call your local extension office. We would love to visit with you!

I pledge my **H** **AD** to clearer thinking,  
my **HE** **RT** to greater loyalty,  
my **H** **NDS** to larger service,  
and my **HE** **LTH** to better living,  
for my club, my community, my country  
and my world. 

*Looking for a way to give back to the community? Be a 4-H volunteer! Look for more information in our next newsletter on the many different ways you can be a volunteer for our you. You can also stop by our booth mentioned in the flyer or call the extension office.*

Check out 4-H on the Twin Creeks Extension District Website!  
<https://www.kansas4-h.org/index.html>



TWIN CREEKS EXTENSION DISTRICT

# Program Development Committee Dinner

September 13, 2021

6:30 p.m.

Norton County 4-H Building, Norton, KS

As a PDC member, we invite you to join us for a meal and discussion focused on educational programming opportunities and needs in our counties.

Please RSVP to your local Twin Creeks District Office by Friday, September 10th.

*Decatur*                      *Graham*                      *Norton*                      *Sheridan*  
(785)475-8121      (785)421-3411      (785)877-5755      (785)675-3268





# 4-H *tailgate* TOUCHDOWN SERIES

*Find us at your local high school football game to learn all about the benefits of 4-H and how you and your family can be a part of our great organization.*

**DOOR PRIZES AND MANY FUN ITEMS GIVEN OUT AT EACH GAME!**

**WE WILL BE SETUP 30-MINS PRIOR TO KICKOFF AND THROUGH HALF-TIME!**



**LOOK FOR US UNDER THE PURPLE TENT!**



**GAME SCHEDULE:**

-  **September 10** - Hoxie
-  **September 10** - Northern Valley
-  **September 17** - Norton
-  **September 24** - Golden Plains/Rexford
-  **October 8** - Hill City
-  **October 8** - Oberlin

**K-STATE**  
Research and Extension



Twin Creeks  
District

**For more information on 4-H and enrollment, contact your local Twin Creeks District Extension Office!**

Decatur: 785-475-8121 | Graham: 785-421-3411  
Norton: 785-877-5755 | Sheridan: 785-675-3268

Kansas State University 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, contact Twin Creeks Extension District, 785-877-5755. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. K-State Research and Extension is an equal opportunity provider and employer.



**JOIN 4-H!**





## Meat the Future

Written By: Jenilee Godsey  
Youth Agriculture Agent



### Thank-You 4-H Parents & Supporters!

County fairs in the Twin Creeks Extension District have come to a close. While it is always nice to check county fair off the list, I always enjoy another year of watching the youth showcase their exhibits that they invested so much of their time and energy into!

As a former 4-H member, show pig producer, and extension agent I am fully aware of the blood, sweat and tears it takes to prepare exhibits for their grand debut at any show, but especially the county fair. And, so much of it wouldn't be possible without the help of parents, siblings, teachers, 4-H club leaders, project leaders and other supporters who guide our youth as they perfect their projects.

I also know how easily a proper "thank-you" to those helping hands can slip through the cracks during such a chaotic time... therefore, I wanted to extend a sincere "THANKS!" to you! To shape my thoughts, I spent some time looking at other articles that provided the proper thanks to similar individuals. I found an article on the Raised in a Barn website that was titled "Thank You Parents of FFA Members" and felt that it was fitting to share!

- Thank you for either inspiring your child to join 4-H (FFA), or saying, "Go for it" when your child asked if they could or should join. You might have never heard of this organization until your child came home talking about how cool it seemed, and ever since that day you have become a proud parent of a 4-H or FFA member.
- Thank you for working countless concession stands, and fundraising events to help the organization. It's a lot of work, and it's time consuming. That didn't matter to you, you still took time to help those kids out
- Thank you for dragging a trailer full of livestock down the road to the fair, or taking a van full of kids to a judging competition. You like helping these kids out, and don't mind spending time with them.
- Thank you for spending those early morning and late nights for competitions. You sit in the stands and cheer the team on.
- Thank you for pushing your kids to be the best they can be. You watched your child grow in their time spent in 4-H and FFA, and you pushed them to do their best and be their best.

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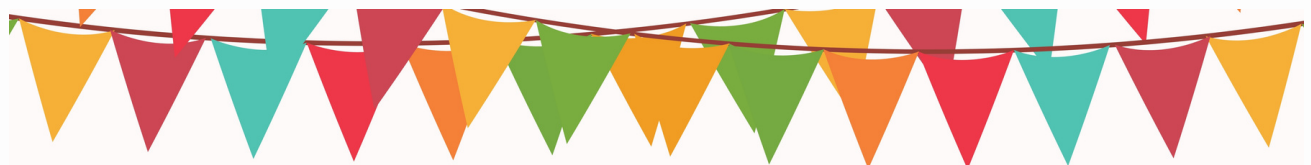
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- Thank you for helping other kids out. It doesn't matter what their last name is, if they share the same hometown, their "your kids."
- Thank you for not being afraid to get dirty. You didn't mind working the show ring, and helping catch a lose cow. You got your hands dirty anyways.
- Thank you for being a parent to a 4-H or FFA member. They might not thank you all the time, but they are thankful for you.

Thank you parents!

*Some information in this article has been adapted from an article written by an unknown author, titled "Thank You Parents of FFA Members" and can be found here: <http://raised-in-a-barn.org/raised-in-a-barn/2016/02/23/thank-you-parents-of-ffa-members>*

*Jenilee Godsey is a Youth Agriculture Agent for the Twin Creeks Extension District which covers Decatur, Graham, Norton and Sheridan counties. Email her at [jenileem@ksu.edu](mailto:jenileem@ksu.edu) or reach her by telephone at the Graham County Office, (785) 421-3411.*



# FALL BACK INTO 4-H!

*Sunday, October 10th*

**2:00 PM -- Leadership & Officer Training**

**5:30 PM -- 4-H Fall Kick-Off for ALL TCD Families!**

**Goddard Place -- Hill City, KS**

Make plans to join us for leadership training on the challenge course, team building, & officer training!

And, then all TCD 4-H families are invited to join us for good ol' fall family fun -- hot dog & s'more roasting, pumpkin decorating, and more!

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## UPCOMING DIRTY HANDS, HEALTHY KIDS SESSIONS & ACTIVITIES

# DIRTY HANDS, HEALTHY KIDS

YOUTH GARDENING SERIES



## Garden Fresh!

**IN-PERSON SESSION ON EATING  
YOUR OWN HEALTHY PRODUCE**

*HOXIE -- September 20 (after school - 5:00 pm)*

*OBERLIN -- September 22 (after school - 5:00 pm)*

*NORTON -- September 24 (after school - 5:00 pm)*

*HILL CITY -- September 29 (after school - 5:00 pm)*

**OPEN TO 4-H MEMBERS AND NON-4-HER'S,  
ANY AGE (GRADE 3-5 MOST RECOMMENDED)**

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Twin Creeks  
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**REGISTER FOR THE SERIES TO GET MORE INFORMATION ON THESE SESSIONS WHEN AVAILABLE!**

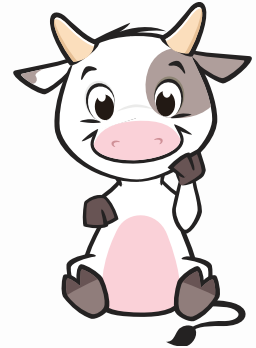
[https://doodle.com/poll/ztt64niuuzfhwbp?utm\\_source=poll&utm\\_medium=link](https://doodle.com/poll/ztt64niuuzfhwbp?utm_source=poll&utm_medium=link)





## Roots & Chutes

Written By: Alyssa Rippe-May  
Interim District Director &  
Livestock and Farm Management Agent



## Cattle Chat: Pre-weaning Strategies to Minimize Stress & Maximize Profit

### With proper planning, beef producers can make the weaning process easier for calves

MANHATTAN, Kan. — Just as college students may feel anxious when they leave their homes and return to campus, fall is also a time when spring-born calves are separated from their mothers and stress ensues.

To minimize the stress felt by calves, the experts at Kansas State University's Beef Cattle Institute offered several management strategies for producers to implement. Discussed on a recent [Cattle Chat podcast](#) the experts defined the term low-stress weaning.



"Low stress weaning refers to all the things we do to make it an easier transition from the cow-calf operation to the next step in the production system," said Brian Lubbers, K-State veterinarian.

Veterinarian Bob Larson added that many producers follow the fence line weaning practice where the calves can still see their mothers through the fence but are unable to nurse.

"We want to promote familiarity and eliminate the novelty of the weaning process, and we

do that by offering them feed in a pen while they are still with their mothers or have them drink from a water source like the type they will encounter after weaning," said Brad White, veterinarian and BCI director.

### Introducing Feed

Regarding feed, BCI nutritionist Phillip Lancaster said the type of feed that works best in the diets of calves transitioning from their mother's milk is one they are familiar with.

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"While they are still with the cow, we want to introduce palatable feeds and begin that transition to a mixed ration and free choice hay," Lancaster said. "Good, palatable feed choices for calves are distiller's grains and cottonseed hulls that stimulate intake."

Lancaster said it is important to make sure the calves are consuming feed with an adequate protein content along with energy, vitamins and minerals.

Adding grain mix to the diet can come at a cost, White said, but it also reduces weight loss that most calves experience at weaning.

"Research has shown calves that are weaned 30 days prior to sale can earn a premium ranging between \$3-\$5 per hundredweight," said Dustin Pendell, agricultural economist.

He added premiums are also paid through certified health programs that document vaccinations.

"Certified health programs have shown to offer producers a premium of \$1-\$5 per hundredweight on the calves," Pendell said.

### **Building Immunity**

The experts agree that keeping the cattle healthy through this time of transition is key and one way to do that is by helping the animals build their immunity.

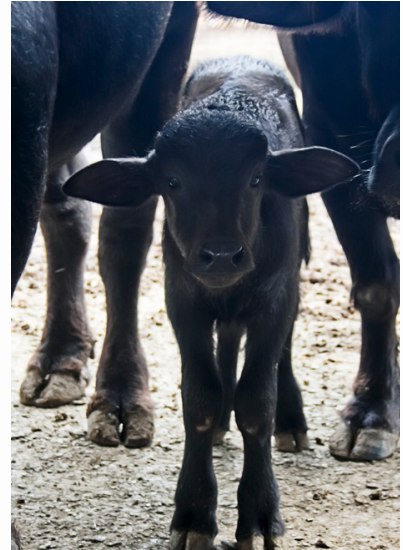
"There are two ways calves acquire immunity: Either from the mother directly to the calf through the colostrum, or the calves get it through a natural infection or vaccination," Lubbers said.

The timing of vaccinations often will depend on the management and marketing for the operation, Larson said.

"We know that calves closer to weaning age often have better immune response to vaccination than young calves," Larson said. "But if we are trying to avoid having summer pneumonia run through the calves, we may need to give those preventative vaccinations around two months of age and then follow it with a booster shot closer to weaning."

He added: "For cattle that are not going to be co-mingled with cattle from other herds at weaning, it is fine to give those vaccinations at the time of weaning when you are already working with the calves."

The bottom line, White said, is to work with a veterinarian to develop a pre-weaning plan that fits best with the goals for the herd.



To hear more of this discussion, listen to the [BCI Cattle Chat Podcast](#) online.

*By: Lisa Moser, a MarCom Copywriter, Communication and Ag Education at KSU.*

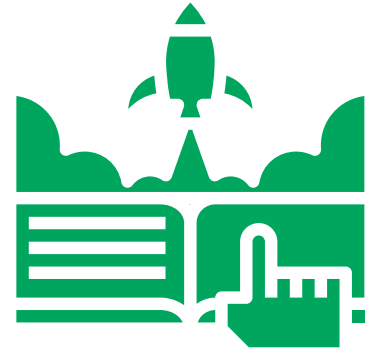
*This article can be found here <https://ksubci.org/2021/07/30/low-stress-weaning-managing-immunity-post-weaning-weight-loss-pain-management/>*





## Chasing Clovers

Written By: Patsy Maddy  
4-H Youth Development Agent



### Increasing Student Engagement

General Mills' created its first Betty Crocker instant cake mix in 1947! Since the Great Depression and World War 2 were over, people were spending money again. Folks at Betty Crocker assumed that because they made baking easier, sales would take off. But they didn't. Executives hired a psychologist to interview customers and ask them why they didn't purchase the cake mix. The results determined that the customer had been removed from the baking process as they didn't feel their baking experience was real. The suggestion was to remove one ingredient from the cake mix and force the customers to come up with at least one item on their own. When Betty Crocker removed the egg from their cake mix, sales took off. Cake mix sales tripled from January 1947 to August 1948!

As educators, we don't require students to own the process of learning. They don't have to come up with any ingredients! We provide it all for them, but why? Educators feel such a pressure to "teach to the test" that they dare not let them learn from scratch. We believe we must create a cake mix, that we must make the process quicker, simpler, and much less messy. Just add water and stir.

Is there pressure to get through so much curriculum so quickly that we dare not make our students practice and figure out answers on their own? We don't have time for them to curiously explore and genuinely experiment. In addition to our self-induced pressure, we may feel pressure from parents to help their children find the answers or to give the answers and not add to their already high stress levels. Too many moms and dads are into the product but not the process of a good education.

We question whether we have done what Betty Crocker did - everything pre-packaged to a point where students will hardly have to work at all. In our ambition to get test scores and graduation rates higher, we've created a foolproof mix. How dare we risk students learning something on their own - from scratch. Just like the caterpillar gains its strength to become a butterfly through the struggle to break out of the cocoon, so students need the work of learning, often on their own. They won't be ready for college or a career if we do it for them.



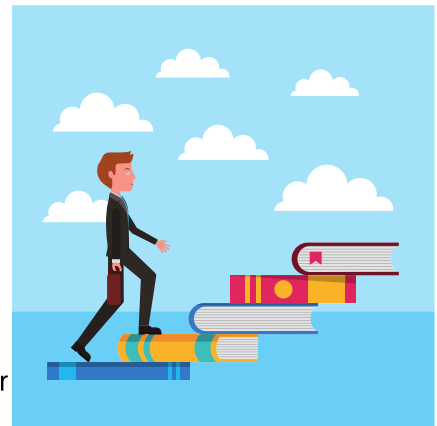
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The answer to a quality education is not about answers, it's all about ownership on the part of the students. When we offer the questions rather than the answers, we invite them to own the learning process and to choose what ingredients are necessary to make their cakes. This means we must: Change the students' role from being consumers to being creators, and Change our role from commanders to consultants in the classroom.

Dr. Tim Elmore offers some ideas for creating a classroom pedagogy that helps students learn from scratch instead of needing an instant cake mix. Educators as well as parents, give some of these ideas a try!

- Once a day, refuse to answer a student's question. Turn that student loose to look up answers and debate them until the best solution surfaces.
- Instead of a traditional grading of papers or tests, communicate how many mistakes were made and turn students loose to find each one.
- Post questions and create disequilibrium. Allow for some awkward silence in the classroom as students figure out their next steps in the process.
- Choose a day and let the students plan the entire class period. In fact, let them record themselves teaching their lesson and evaluate themselves afterward.
- On the next exam, fill in the wrong answers on the blanks – the very answers students gave in class. Let students grade the test and find the proper answers.
- Give an assignment and allow students to collaborate on Google Docs, each one asking questions and providing help to classmates to reach an outcome.
- Introduce a real-life dilemma in the world. Ask students: If you were in charge of solving this problem, what would you do? Turn them loose to figure it out.



In the end, it's all about how consumers/students felt about the process. Feeling ownership over the 'cake' was what satisfied them. We need to make sure our students feel they own the learning process. Generation Z (Centennials born between 2001-2018) loves to learn from scratch with the help of smart technology!

This article was adapted from Dr. Tim Elmore, CEO and Founder of Growing Leaders. He is a best-selling author and international speaker. As a world-renowned expert on Millennials and Generation Z, Dr. Elmore used his knowledge to equip educators, coaches, leaders and parents to impart practical life and leadership skills to young adults that will help them better navigate life.





# FIND YOUR SPARK!

Bittersweet emotions run through as one 4-H year draws to a close and we ramp up for the beginning of a new year. Our 4-H youth and youth in general have experienced more than their share of ups and downs in the last two years, many having life-long affects.

As we finalize our 2020-21 4-H year with end of the year celebrations, record book completion and many thank-you's to supporters, we are in hopes of "Finding Our Spark" and getting re-ignited as we fuel up for the 2021-22 program year! Many exciting plans are in the works to bring fun, educational programs to all youth in our Twin Creeks Extension District.

**FIND YOUR SPARK!** This is the 2021 theme chosen for National 4-H Week. What is something that you are passionate about that would help "To Make The Best Better". To help you 'Find Your Spark', briefly consider the words that make up the border of this page.

**Passion:** A strong desire that can get you to do amazing things.

**Creativity:** The ability of a person to create, perform, or think of something in a way that has not been done before.

**Intellect:** reasoning and understanding objectively

**Confidence:** the feeling or belief that one can rely on someone or something

**Life Skills:** a skill that is necessary or desirable for full participation in everyday life

**Compassion:** the feeling that arises when you are confronted with another's suffering and feel motivated to relieve that suffering

**Giving Back:** giving time and/or money that will touch people's lives and impact the community

**Healthy Habits:** engaging in a behavior that is beneficial to one's physical and/or mental health

**Work Ethic:** a set of values centered on importance of work and determination/desire to work hard

**Perserverance:** persistence in doing something despite difficulty or delay in achieving success

**Careers:** job or profession that someone does for a long period of their life

**Learning:** acquiring knowledge or skills through experience, study or by being taught

**Community:** social group whose members have something in common

**Logic:** a proper or reasonable way of sound thinking about something

**Fun:** enjoyment, amusement or lighthearted pleasure

**Understanding:** the ability to comprehend something





## Eating & Aging Well

Written By: Karen Shepard  
Family Consumer Science Agent



# September is National Fruits and Veggies month

### Summer’s bounty helps make eating healthy an easy choice

It’s not really a coincidence that the [Produce for Better Health Foundation](#) recently named September as National Fruits and Veggies month in the United States.

Summer is filled with colorful fruits and vegetables, from watermelon to melons, tomatoes to greens, and many more. It’s the season to indulge in foods that are tasty and good for you, too.

“There are many reasons to include fruits and vegetables every day in a meal or snack,” said Kansas State University food scientist Karen Blakeslee. “The fiber in produce helps keep you full, helps improve digestion and helps reduce risks and effects of several diseases such as heart disease, type 2 diabetes, high blood pressure and more.”

Many fruits and vegetables are packed with vitamins and minerals that our bodies can't produce on their own, said Blakeslee, who recommends filling half of your plate during meals with fruits and vegetables.

“By consuming more fruits and vegetables, you lower calorie intake, reduce weight gain and reduce the intake of high-calorie foods,” she said. “Whether they are fresh, frozen, canned or dried, fruits and vegetables can be consumed year-round.”



In fact, with many garden foods reaching harvest, it’s a perfect time to preserve fresh produce. Blakeslee said freezing is easy and doesn’t take a lot of equipment; many foods can be frozen, though some – such as lettuce – do not freeze well.

“Canning and pickling are great options to reduce food waste,” Blakeslee said.

In a [monthly newsletter](#) she publishes in her role as coordinator of K-State’s [Rapid Response Center for food science](#), Blakeslee suggests trying something new: [Watermelon Rind Pickles](#).

“After enjoying the juicy watermelon fruit, save the rinds and turn them into a unique pickle,” she said. “Always follow tested recipes and instructions for best safety and quality for all [food preservation methods](#).”

National Fruits and Veggies month also comes with a reminder to cut food waste in the United States. The Environmental Protection Agency estimates that nearly 40% of food waste occurs at home.

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"When shopping, plan meals and snacks to be a better shopper," Blakeslee said. "Before going to the store, shop your kitchen first. Incorporate what you already have into menus. Know your schedule and family likes to be sure fresh produce is used before it gets wasted."

Other tips for reducing food waste include:

- Add perishable foods to a casserole, salad or soup.
- Freeze fresh produce to use later.
- Don't buy in bulk if it's not an item you can use quickly.
- Prepare fresh produce so that it's easy to grab and go for easy snacks.
- If food is spoiled, consider composting if you have space available.

More information on incorporating fruits and vegetables into your daily diet plan – not just in September – is available from several sources, including:

- K-State Research and Extension food, Nutrition, Dietetics and Health: [www.ksre.ksu.edu/humannutrition](http://www.ksre.ksu.edu/humannutrition).
- Produce for a Better Health Foundation: [FruitsandVeggies.org](http://FruitsandVeggies.org)
- USDA MyPlate: [www.myplate.gov/eat-healthy/what-is-myplate](http://www.myplate.gov/eat-healthy/what-is-myplate)



## Walk KANSAS Wrap-up



The Walk KANSAS program has come to a close for the Twin Creeks Extension District with eleven teams, walking over 8,200 miles in the 8-week program.

Walk Kansas is an eight-week physical activity program which started Sunday, March 28. Each team is made up of six or less members and they could walk together or individually. Team members kept track of their miles and recorded them on the Walk Kansas website.

Also, each participant received a weekly newsletter online with great health tips including some great recipes to try!

As a wrap-up, a drawing was held after the completion of the program. Carol Wasson from the Red Devil Walkers team won a Fitbit Versa 2 Health and Fitness Smartwatch; and Ashley VanEaton from the Fit to Go Team won a Fitbit Inspire HR Heart Rate and Fitness Tracker.

The way the participants were able to get their names in the drawing were:

- Register for the program.
- Every week that they record their minutes they will get their names in (8 opportunities).
- If their team completes their challenge, each team member will have their name put in the drawing again.

So that is a total of 10 times for each person to had a chance of winning any of the prizes. All the prizes were purchased with the registration fee. (You could only win one prize.)

**Congratulations to all the participants and keep walking!!**

Stay Strong, Stay Healthy



## Strength Training Program for Older Adults

Strength training is no longer just for bodybuilders. Stay Strong, Stay Healthy is an eight-week, evidence-based strength training program designed for older adults who want to improve their quality of life and stay active. Classes are held in familiar settings such as senior centers and church halls, not the gym. The exercises are easy to learn, safe and effective. No need to wear special clothes—just comfortable, loose-fitting pants and shirt, along with sturdy, closed-toe walking shoes.

### What are the benefits?

Strength training:

- Increases muscle strength
- Improves balance
- Enhances flexibility
- Strengthens bones
- Relieves arthritis
- Helps control weight
- Lifts depression
- Reduces stress
- Reduces risks for heart disease

Over the course of the program, you will increase your strength and improve your balance. After the eight weeks are over, you can continue the strength training program in the comfort of your home or with a group.

Weights will be available on-site, and a trained instructor will help you learn and do these exercises safely.

### Here's what we do

Stay Strong, Stay Healthy classes include:

- Warm-up exercises
- Eight strengthening exercises, with or without hand and ankle weights
- Cool-down stretches



LOCATION: Golden Age Recreation Center, 105 W Maple, Oberlin, Kansas  
 STARTING DATE: Tuesday, September 28, 2021 at 9:30 a.m. each Tuesday & Thursday  
 COST: \$20/person

To register and/or more information contact:

Karen Shepard  
 Twin Creeks FCS Agent  
 785-421-3411 OR [kshepard@ksu.edu](mailto:kshepard@ksu.edu)

**DON'T DELAY--SPACE IS LIMITED!!**





## Views With Van

Written By: Keith VanSike  
Agronomy, Natural Resources,  
& Entomology Agent



### Wheat Plot Results - Decatur County

Kansas Dry Land Winter Wheat  
Performance Test Decatur County

*\*Yields must differ by more than the LSD  
value to be considered statistically  
different.*

*Yields in bold in the top LSD group.*

*No-till following corn-fallow.*

*Fungicide: 4.0 oz/a Tebuconazole aerially  
applied 6/2/21.*

*Fertility: In furrow-18lb/ac N, 85 lb/a  
P (163 lb/ac of 11-52-0)*

*Topdress- 98 lb/ ac S  
(43 gal/ac of 24.5-0-0-9.8)*

*Planted: 10/19/20 Harvested: 7/17/21*



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	LDG (%)
KWA	KS Dallas	<b>101.3</b>	110.6	57.1	9.8	20.0
WestBred	WB4462	<b>100.3</b>	109.5	57.6	9.6	8.0
Limagrain	LCS Photon AX	<b>100.1</b>	109.3	58.0	9.7	11.3
AGSECO	TAM 114	<b>99.5</b>	108.5	57.4	9.7	17.5
AGSECO	AG Golden	<b>99.2</b>	108.2	56.1	9.5	0.0
KWA	KS Western Star	<b>99.0</b>	108.0	57.9	9.6	13.8
PlainsGold	Byrd CL Plus	<b>98.0</b>	106.9	55.0	9.6	17.5
PlainsGold	Guardian	<b>97.7</b>	106.6	58.4	9.9	4.5
PlainsGold	Langin	<b>96.6</b>	105.4	57.0	9.9	33.8
WestBred	WB4792	<b>96.4</b>	105.2	57.7	10.0	5.8
Dyna-Gro	Long Branch	<b>95.6</b>	104.3	56.5	9.4	8.3
PlainsGold	Whistler	<b>95.4</b>	104.1	54.0	9.5	13.8
AgriPro	AP Roadrunner	<b>94.9</b>	103.5	55.9	9.5	3.3
Limagrain	LCS Revere	<b>94.7</b>	103.4	57.9	9.5	0.5
AGSECO	AG Icon	94.3	102.9	57.4	9.7	21.3
WestBred	WB4595	93.7	102.3	60.2	9.9	12.5
Limagrain	LCS Valiant	93.5	102.0	57.6	9.6	4.3
Limagrain	LCS Atomic AX	93.0	101.5	58.3	9.9	20.0
PlainsGold	Canvas	92.1	100.5	56.7	9.5	2.3
KWA	Tatanka	90.8	99.1	57.6	9.6	47.5
Polansky	Rock Star	89.3	97.5	55.5	9.5	0.0
Limagrain	LCS Julep	89.1	97.2	57.0	9.6	3.8
KWA	Oakley CL	89.0	97.1	57.5	9.6	36.3
Meridian	MS Maverick	88.9	97.0	58.7	9.8	10.8
Polansky	High Country	88.4	96.5	57.8	9.6	23.8
AgriPro	SY Wolverine	88.4	96.5	56.5	9.8	6.3
KWA	KS Silverado	88.2	96.2	58.3	9.6	20.0
AgriPro	AP Bigfoot	87.0	94.9	57.8	9.6	0.0
KWA	KS Hamilton	86.1	94.0	56.7	9.7	2.5
Limagrain	T158	86.1	94.0	57.7	9.4	27.5
AgriMaxx	AM Eastwood	86.0	93.9	56.7	9.5	1.5
Limagrain	LCS Helix AX	85.5	93.3	58.3	9.8	45.0
KWA	Joe	84.7	92.4	57.2	9.5	3.8
OGI	Lonerider	80.4	87.7	58.1	9.4	21.3
Polansky	Paradise	79.5	86.8	57.7	9.8	11.3
AgriMAXX	AM Cartwright	76.3	83.3	55.8	9.5	0.0
	AVERAGE	91.6	100.0	57.2	9.6	13.3
	CV (%)	9.9	9.9	0.8	2.2	--
	LSD (0.05)	6.8	7.5	0.7	1.4	--

*(continued on page 16)*



(continued from page 15)

## Wheat Plot Results - Thomas County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)
AgriMAXX	AM Cartwright	49.9	89.0	10.3	56.1
AgriMaxx	AM Eastwood	56.0	99.9	10.4	56.5
AgriPro	AP Bigfoot	55.5	99.1	10.2	56.3
AgriPro	AP Roadrunner	59.0	105.3	10.4	56.1
AgriPro	SY Wolverine	54.7	97.6	10.4	57.5
AGSECO	AG Golden	68.4	122.1	10.5	54.5
AGSECO	AG Icon	53.5	95.5	10.5	57.0
AGSECO	TAM 114	50.4	89.9	10.4	56.8
Dyna-Gro	Long Branch	55.6	99.3	10.1	55.8
KWA	Joe	54.9	97.9	10.5	55.9
KWA	KS Dallas	59.2	105.7	10.3	56.2
KWA	KS Hamilton	60.6	108.1	10.2	56.9
KWA	KS Silverado	55.5	99.1	10.3	58.4
KWA	KS Western Star	54.4	97.1	10.3	58.1
KWA	Oakley CL	50.4	90.0	10.2	57.5
KWA	Tatanka	59.5	106.3	10.5	55.9
Limagrain	LCS Atomic AX	47.9	85.5	10.5	56.8
Limagrain	LCS Helix AX	54.6	97.4	10.5	56.6
Limagrain	LCS Julep	63.6	113.5	10.3	59.0
Limagrain	LCS Photon AX	52.8	94.3	10.4	57.8
Limagrain	LCS Revere	54.8	97.8	10.3	56.9
Limagrain	LCS Valiant	53.5	95.5	10.1	56.4
Limagrain	T158	51.3	91.5	10.5	57.4
Meridian	MS Maverick	50.2	89.7	10.3	57.8
OGI	Lonerider	46.8	83.5	10.1	57.7
PlainsGold	Byrd CL Plus	54.9	98.0	10.8	54.1
PlainsGold	Canvas	49.5	88.4	10.5	54.6
PlainsGold	Guardian	56.9	101.5	10.7	56.8
PlainsGold	Langin	59.2	105.6	10.4	56.0
PlainsGold	Whistler	70.6	126.1	10.4	56.4
Polansky	High Country	61.8	110.3	10.5	57.4
Polansky	Paradise	50.8	90.7	10.5	55.3
Polansky	Rock Star	58.9	105.1	10.4	56.3
WestBred	WB4462	62.8	112.0	10.3	56.3
WestBred	WB4595	59.4	106.1	10.3	60.0
WestBred	WB4792	59.4	105.9	10.8	56.7
	AVERAGE	56.0	100.0	10.4	56.7
	CV (%)	6.4	6.4	1.6	2.8
	LSD (0.05)	8.5	15.2	1.0	1.7

2021 Colby, Kansas Dryland Winter Wheat Performance Test, Thomas County.

\*Yields must differ by more than the LSD value to be considered statistically different.

Minimum tillage; fallow following corn.

<https://goo.gl/maps/sntJY9TB3wqkPjcT6>

Planted: 10/1/20 Harvested: 7/14/21



(continued on page 17)



(continued from page 16)

### Wheat Plot Results - Roger May Family Farm

2021 Roger May Family Farm & K-State Research & Extension & Twin Creeks Extension

Planted 11/18/20  
Harvested 7/20/21

Late planted in fall and poor emergence until late winter.

Stripe rust was a factor on some fields due to temps, moisture levels and fungus. Fungus was hampered as warmer drier weather remained.

Variety		Yield (bu/A)	Harvested Test Weight	Harvested % Moisture	% Protein
Dallas KS	KSU	63.0	54.2	12.0	13.6
LCS Photon Ax	Limagrain	50.3	53.1	10.0	14.4
Western Star KS	KSU	49.7	54.7	12.5	13.6
WB 4462	Westbred	48.9	53.6	12.0	13.6
* LCS Julep	Limagrain	43.6	54.1	10.0	13.8
SY Wolverine	AgrPro	43.1	53.3	10.0	14.3
LCS Chrome	Limagrain	43.1	49.7	10.0	16.3
WB 4792	Westbred	43.1	60.0	10.0	15.7
* LCS Revere	Limagrain	35.9	55.0	10.0	13.5
Road Runner	AgrPro	35.8	48.8	10.0	16.8
* Monument	AgrPro	35.5	55.1	12.5	14.1
Whistler CSU	Plains Gold	35.2	53.1	11.5	15.0
LCS Valient	Limagrain	35.2	50.9	10.0	15.9
WB Grainfield	Westbred	35.2	50.6	10.0	16.1
WB 4595	Westbred	35.1	50.2	11.5	16.1
LCS Diesel	Limagrain	28.2	49.4	11.5	16.7

All yields adjusted to 13% moisture.

These are demonstration studies and have not had any statistics applied to rule out variations.

\*Asterisk denotes scale read-out variations due to wind.

Some light head scab fungus (fusarium) due to cooler damp conditions near flowering.

These should be used with other University trials to contrast and compare to. For more results visit.

<https://www.agronomy.k-state.edu/services/crop-performance-tests/winter-wheat/2021-wheat-performance-tests.html>





## WATCH FOR DATES & INFORMATION ON THESE UPCOMING PROGRAMS!

### Ag & Natural Resources

- Green Thumb Thursday Facebook Posts -- *Continuing Throughout Spring/Summer*
- Wheat Pre-Plant School -- *Summer/Fall*

### Youth Agriculture

- 'Dirty Hands, Healthy Kids' Youth Gardening Series -- *Continues Throughout September*
- Beef Across Kansas Series -- *To Begin this Fall!*

*To stay current on upcoming program dates, registration info, etc. [follow us on Facebook](#) and/or [check our Twin Creeks District Website!](#)*

**BEEF ACROSS KANSAS SERIES**  
*'Ask Before You Buy'*



**SEPT 26TH**  
**2:00 PM**

**WHAT SHOULD YOU KNOW BEFORE PURCHASING YOUR NEXT SHOW CALF PROJECT?**  
*Join us as we meet with cattle producers for their insider tips on selecting the best calf for your barn!*

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**K-STATE**  
Research and Extension

**4-H**  
GROWS HERE

**WATCH FOR MORE INFO ON ASK BEFORE YOU BUY!**



# Clover Corner



## Statewide Dates & Deadlines

- September 10-19:** Kansas State Fair (Hutchinson)
- September 25:** State Archery Match (Lindsborg)
- October 2:** State Small Bore Pistol, Small Bore Rifle, Muzzleloader And Hunting skills
- October 3-9:** National 4-H Week
- October 9-10:** State Shotgun Match (Wichita)
- October 9-10:** 48 Hours of 4-H
- October 16:** NELE (Northeast Leadership Event) Rock Springs
- October 30:** Shutterbugs at Big Creek (Hays)

## County Dates & Deadlines

- September 10:** 4-H Tailgate Touchdown Series (Hoxie)
- September 10:** 4-H Tailgate Touchdown Series (Northern Valley)
- September 17:** 4-H Tailgate Touchdown Series (Norton)
- September 20:** Dirty Hands Healthy Kids (Hoxie)
- September 22:** Dirty Hands Healthy Kids (Oberlin)
- September 24:** 4-H Tailgate Touchdown Series (Golden Plains/Rexford)
- September 24:** Dirty Hands Healthy Kids (Norton)
- September 25:** Fiber Arts Day (Rush Center)
- September 26:** Beef Across Kansas Series - Ask Before You Buy (Virtual)
- September 29:** Dirty Hands Healthy Kids (Hill City)
- October 1:** 4-H Record Book Report Forms, Achievement Pin Apps Due
- October 1:** 4-H Enrollment Begins For 2021-2022
- October 8:** 4-H Tailgate Touchdowns Series (Hill City)
- October 8:** 4-H Tailgate Touchdown Series (Oberlin)
- October 30:** Northwest 4-H Project Days (Hays)

*Note: Youth events are open to ALL youth (with Extension agent approval for youth not currently enrolled in the 4-H program). If you have a youth that is interested in an event please contact Patsy Maddy, Twin Creeks Extension District 4-H Youth Development Agent [pmaddy@ksu.edu](mailto:pmaddy@ksu.edu).*

Go to the Twin Creeks District website at <https://tinyurl.com/qukdd97> for a complete listing of all activities and events at the local, district, area and state levels.



# Volunteer Project Leader Training Series

Kansas 4-H recognizes the need to assist volunteers and train them in 4-H project areas. Registration is NOW OPEN for the 2021 Kansas 4-H Fall Volunteer Project Leader Training Series. As a volunteer, the time and hard work you contribute to make the 4-H program an amazing experience for youth across Kansas is greatly appreciated!

To help you kick off the new program year, this series is designed to provide tangible ideas and resources you can use to engage 4-H Youth. All sessions are free and will be recorded. The sessions are scheduled to start at 6:30 CST. The general outline for sessions is as follows:

- Sept. 21:** Personal Development - Public Speaking
- Sept. 23:** STEM - Rocketry
- Sept. 28:** FCS - Textile Science
- Sept. 30:** Animal Science - Livestock
- Oct. 1-2:** Michelle Cummings Training Wheels Training (Hays)
- Oct. 5:** Service Learning
- Oct. 7:** Creative Arts - Visual Arts - Barn Quilts
- Oct. 12:** Financial Literacy
- Oct. 14:** Ag & Nat Resources - Wildlife
- Oct. 17:** Team Building, Leadership and Officer Training

To register for the event visit

<https://www.kansas4-h.org/volunteers/project-leaders/index.html>

We are excited to see you at these leader trainings.

Please let me know if you have any questions. Patsy L. Maddy (pmaddy@ksu.edu)

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