

— Indiana —
HEREFORD

Fall 2020

NEWS

Indiana Hereford Association
3041 East 300 North
Wingate, IN 47994



"Your Partner in creating Tomorrow's Genetics Today!"

Cattle Embryo Transfer (ET)

- **Donor Management**
 - Housing and Care
Pairs Welcome (Creep Feed)
 - Assistance in Synchronization and Setup of Donors and Recips
- **Conventional Flushing and Embryo Transfer**
 - In-House & On-Farm
- **IVF**
 - Oocyte Collection
 - Direct Transfer of Frozen IVF Embryos
 - On-Farm Fresh Embryo Transfers
 - Reverse Sorted Semen

Small Ruminant Reproductive Services

- **Donor Management**
 - Housing and Care
 - Assistance in Synchronization and Setup of Donors and Recips
- **Embryo Transfer (ET)**
 - Non-Surgical Flushing (Goats)
 - Surgical Flushing (Sheep and Goats)
- **Laparoscopic Artificial Insemination (LAI)**
 - Frozen Semen
 - Fresh Collections
- **Breeding Soundness Exams**
- **Mobile Reproductive Services**
 - On-Farm Flushing, ET, and LAI

If interested in any of our services, feel free to give us a call.



Dr. David Dixon



Dr. Jake Hege



Dr. Christopher Rumsey



Dr. Casey Duxbury



Craig Fuller



Taylor Meyer

Main Office: 219-866-3636

Craig Fuller, Donor Manager: 765-686-1924 // Pat Klaus, Herdsman: 219-208-5147 // Taylor Meyer, IVF Coordinator: 219-863-5776

48th Annual WINNING TRADITION SALE

Sat., November 28th, 6:30 pm

The sale will still go on...



Offering

**Heifers, Bulls, Breds and Steers by
Cuda, Zenner, Endure, Double Miles, Munson,
Redemption, Drago, 2296 and many others.**

ABLE ACRES

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Hattie 765-585-3727 • Andy 765-918-1442
Drew 765-299-2181 • Gary 765-366-6000

davidandjilld@aol.com
www.tctc.com/~pduncan



2020 INDIANA JUNIOR HEREFORD PREVIEW SHOW

SATURDAY, JUNE 27, 2020

Boone County Fairgrounds • Lebanon, IN

130 head evaluated

by Bruce and Amie Stertzbach, Louisville, OH



*Grand Champion Heifer, Open and Junior Shows
exhibited by Olivia Neal*



*Reserve Grand Champion Heifer, Open and Junior Shows
exhibited by Burk VanHorn*



*Grand Champion Heifer, Bred-and-Owned Show
exhibited by Lauren McMillan*



*Reserve Grand Champion, Bred-and-Owned Show —
Audrey Korniak*

COW/CALF

**GRAND CHAMPION COW/CALF
PAIR, JUNIOR and OPEN SHOWS —**
Audrey Korniak

**RESERVE GRAND CHAMPION COW/
CALF PAIR, JUNIOR and OPEN
SHOWS —**
Aubrey Landrum

BULL SHOW

**GRAND CHAMPION BULL,
JUNIOR and OPEN SHOWS —**
Maddox Gunn

**RESERVE GRAND CHAMPION BULL,
JUNIOR and OPEN SHOWS —** Jd Seward

HEIFER SHOW

DIVISION I

**Champion, Junior,
Bred-and-Owned and Open Shows —**
Landon Deatsman

**Reserve Champion, Junior,
Bred-and-Owned and Open Shows —**
Taylor Laudeman

DIVISION II

Champion, Junior Show — Ray Duncan

Reserve Champion, Junior Show —
Burk VanHorn

Champion, Open Show — Burk VanHorn

Reserve Champion, Open Show —
Avery Everhart

Champion, Bred-and-Owned Show —
Ray Duncan

**Reserve Champion,
Bred-and-Owned Show —** Isabelle
Knowles

DIVISION III

Champion, Junior and Open Shows —
Burk VanHorn

**Reserve Champion,
Junior and Open Shows —** Catie Musser

Champion, Bred-and-Owned Show —
Brody Everhart

**Reserve Champion,
Bred-and-Owned Show —** Taylor
Laudeman

DIVISION IV

Champion, Junior and Open Shows —
Olivia Neal

**Reserve Champion,
Junior and Open Shows —** Emma Dunn

Champion, Bred-and-Owned Show —
Dalton Davis

**Reserve Champion,
Bred-and-Owned Show —** Collin
Deatsman

DIVISION V

**Champion, Junior,
Bred-and-Owned and Open Shows —**
Lauren McMillan

**Reserve Champion, Junior,
Bred-and-Owned and Open Shows —**
Audrey Korniak

DIVISION VI

Champion, Junior Show —
Hattie Duncan

Reserve Champion, Junior Show —
Faith Benedict

Champion, Open Show —
Ramsey Herefords

Reserve Champion, Open Show —
Faith Benedict

Champion, Bred-and-Owned Show —
Faith Benedict

**Reserve Champion,
Bred-and-Owned Show —** Allie Johnson

**GRAND CHAMPION, OPEN and
JUNIOR SHOWS —** Olivia Neal

**RESERVE GRAND CHAMPION,
OPEN and JUNIOR SHOWS —**
Burk Vanhorn

**GRAND CHAMPION,
BRED-and-OWNED SHOW —**
Lauren Mcmillan

**RESERVE GRAND CHAMPION,
BRED-and-OWNED SHOW —**
Audrey Korniak

STEERS

Class 1 Winner — Jacob Salyers

Class 2 Winner — Audrey Korniak

Class 3 Winner — Michaela Marion

Class 4 Winner — Weston Maddox

Class 5 Winner — Dylan Kottkamp

Class 6 Winner — Isaac Siedling

GRAND CHAMPION STEER —
Weston Maddox

**RESERVE GRAND CHAMPION STEER
—** Audrey Korniak



Dr. Bill & Leslie Doig
765-525-6059

Bill, Joni, Ava & Bremley Doig
317-402-2594 Bill
317-421-9711 Joni

riverbendherefords@yahoo.com
www.riverbendherefords.com

"Give thanks to the Lord for He is good." - Psalm 107:1



**2020 Steers and heifers for sale at the farm.
Please call to schedule your visit.**

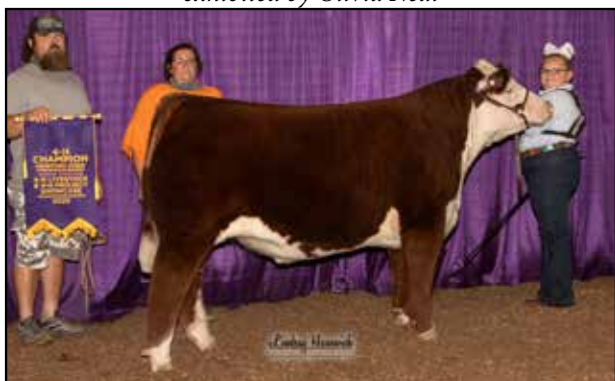
2020 INDIANA STATE FAIR 4-H SHOW RESULTS



*Champion Female, Junior Show
exhibited by Olivia Neal*



*Reserve Champion Female, Junior Show
exhibited by Sage Lawrence*



*Grand Champion Steer
exhibited by Riggin Goings*



*Reserve Grand Champion and Champion
Indiana Bred-and-Owned Steer
exhibited by Logan McFatridge*

HEIFER SHOW

48 head shown evaluated by Dr. Clint Rusk and Bob May

Division I Champion — Lilly Edwards
Division I Reserve Champion — Izabella Stanfield
Division II Champion — Sage Lawrence
Division II Reserve Champion — Catie Musser
Division III Champion — Sage Lawrence
Division III Reserve Champion — Nola Dickerson
Division IV Champion — Olivia Neal
Division IV Reserve Champion — Chase Harker
Division V Champion — Ray Duncan
Division V Reserve Champion — Jayden Simpson
GRAND CHAMPION HEIFER — Olivia Neal
**RESERVE GRAND CHAMPION HEIFER and
CHAMPION INDIANA BRED-and-OWNED** —
 Sage Lawrence; Breeder — Payton Farmer

STEER SHOW

16 head shown evaluated by Matt Leo

Lightweight Class Winner — Logan McFatridge
Middleweight Class Winner — Michaela Marion
Heavyweight Class Winner — Riggin Goings
GRAND CHAMPION STEER — Riggin Goings
**RESERVE GRAND CHAMPION STEER and
CHAMPION INDIANA BRED and OWNED** —
 Logan McFatridge, exhibitor and breeder

HEIFER SHOWMANSHIP

**JUNIOR HEIFER SHOWMANSHIP CHAMPION and
THIRD OVERALL JUNIOR HEIFER SHOWMAN** —
 Maddox Gunn

**INTERMEDIATE HEIFER SHOWMANSHIP CHAMPION
and FOURTH OVERALL INTERMEDIATE HEIFER
SHOWMAN** — Catie Musser

**SENIOR HEIFER SHOWMANSHIP CHAMPION and
FOURTH OVERALL SENIOR HEIFER SHOWMAN** —
 Dylan Kottkamp

STEER SHOWMANSHIP

JUNIOR STEER SHOWMANSHIP CHAMPION —
 Jasper Shuck

INTERMEDIATE STEER SHOWMANSHIP CHAMPION —
 Weston Maddox

**SENIOR STEER SHOWMANSHIP CHAMPION and
FOURTH OVERALL SENIOR STEER SHOWMAN** —
 Michalea Marion

THANK YOU

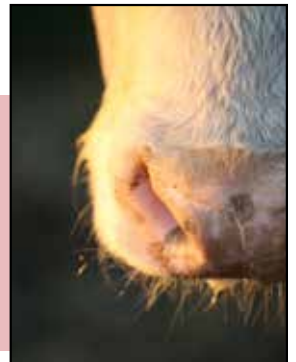
*to All
2020 Indiana State Fair Sponsors!*

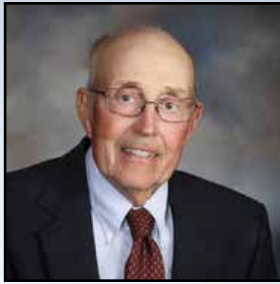


*5C Show Cattle
Arrowhead Farm
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Curt Cattle
Dave and Sharon Green
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Everhart Herefords
Greives Herefords
Gunn Brothers Cattle Co.
Hattie and Ray Duncan
Hunt Bros.
JLG Herefords*

*Marilyn and Ervin Roberts
McNealy Family
Ramsey Herefords
Riverbend Farms
Rob and Kristie McFatridge
SE Lawrence Polled Herefords
Seward Family
Simpson Family Herefords
Strueh Family
Terry Ferguson and Family
VH Cattle
Ward Family
Colbert Polled Herefords*

On the cover:
"Freckle Nose"
1st Place Hereford Cattle
Senior Division,
2020 JNHE Photo Contest
Photo by:
Hattie Duncan, Wingate, Ind.





LAWRENCE R. DUNCAN DECEMBER 25, 1935 – APRIL 3, 2020 WINGATE, IN

Lawrence Ray Duncan, 84, of rural Wingate, died at 5:30 a.m., Friday, April 3, 2020 on his farm, surrounded by family.

Lawrence was born on December 25, 1935 at home in Mellott, IN. He was the son of the late William Harvey and Edna Bernice (Glover) Duncan. He was raised in rural Mellott and graduated as Class Valedictorian from Richland Township High School in 1954. He graduated with Honors from Purdue University in 1958 receiving his BS in Animal Husbandry. While at Purdue, he played sousaphone in the marching band.

Lawrence married Patsy "Petzi" Sue Spear on January 26, 1958 in Attica. They celebrated their 60th anniversary before her passing in February 2018. Family was their greatest pride and joy.

They leave behind four sons, Lary (Fiancée -Kimberly Kiger) Duncan, San Angelo, TX,

Gary (Sandy) Duncan, Crawfordsville, David (Jill) Duncan, Wingate and Andy (Laura) Duncan, Veedersburg; daughter, Caril (Bryan) Duncan-Weatherman, Overland Park, KS; and eight grandchildren. He was also preceded in death by a sister, Lois Gray, brothers, Harold Lee Duncan & Lowell Duncan; and a grandson, Caleb Ross Duncan.

Lawrence had a rich history with livestock, raising Duroc hogs and draft horses with his father before pursuing his interest in cattle. While in high school, he was a State Champion in 4-H Livestock Judging. He went on to become a member of the Judging Team at Purdue University, recently attending their team reunion. He was pleased his family exhibited Grand Champion at the State Fair in multiple species.

Lawrence was a dedicated grain & livestock farmer whose passion was breeding Hereford cattle. He was proud to have hosted 47 consecutive years of Hereford production

calf sales on his farm. He was a humble man whose hard work earned honors. His farm, Able Acres, received six Golden Bull awards from the American Hereford Association. He was selected by his peers to receive the Robert C. Peterson Lynnwood Farm Lifetime Achievement Award in 2011. Most recently, he was inducted into the Indiana Livestock Breeders Hall of Fame.

He was a contributing member of his community. He and his wife were founding members of the Fountain County Beef 4-H Fundraising Supper that continues annually; former President of the IN Beef Evaluation Program Board of Directors; former President of the Indiana Hereford Association; and member of the American Hereford Association. He had also served as a DeKalb Seed Corn Salesman and received several distinguished honors including District Salesman of the Year.

The Duncan Family would like to thank the agricultural community for showing us your sympathy and support at the loss of our patriarch. He left us and our breed big shoes to fill. The memories and stories many of you have shared with us are priceless and we are grateful to have them.

ABLE ACRES



Embryo Transfer Cooperative

- Customer provided embryos are placed in predominantly Angus-based beef cows 2-7 years of age.
- Pregnant Recipient is purchased at 90 days confirmed pregnant.
- Recipients are on a closely managed nutrition and breeding vaccination program. Cattle are managed in a low stress environment.
- All transfers completed through Dr. Britni Thornburg-Hoover, West Central Veterinary Clinic.



CCLC

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West Terre Haute, IN 47885

Let us help you gain momentum in your breeding program!

Congratulations

to all the breeders and exhibitors of
Indiana Bred-and-Owned Hereford Heifers and Steers
at the 4-H show at the Indiana State Fair!

• • •

Thank you to the Indiana State Department of Agriculture
for their contribution to the 2020 Program!



The Indiana Hereford Association in conjunction with the ISDA awarded
a total of **\$3,200** to the following:

Logan McFatridge-Champion Bred and Owned Steer (*breeder and exhibitor*)
Sage Lawrence-Champion Bred and Owned Heifer (*exhibitor*)
Payton Farmer-Champion Bred and Owned Heifer (*breeder*)



Michaela Marion
Tyler Galloway
Avery Stadler
Showtime Cattle Co.
Schelby Clothier
Isabella Knowles
Ray Duncan
Brody Everhart
Dylan Brown
Nola Dickerson
Dalton Davis
Dylan Kottkamp
Jayden Simpson



*In order to win the award, you have to be entered in the Indiana Bred and Owned program
through the Indiana State Fair, and also must be a member of the IJHA or IHA.*

Clay Maddox Family

By Susan Hayhurst

Indiana is recognized for its longevity in the Hereford industry. The Ward and Maddox families are fourth generation Hereford breeders, having started their herd 70 years ago at Brookston, Indiana.

According to Clay Maddox, his grandparents, John and Norma Ward, began the herd. "My family has deep roots in Hereford cattle. My mother, Gay Maddox, and her brothers, Ned, Neal and Curt Ward all showed Hereford cattle as children. Mom still has a small herd in Zionsville. Curt's children showed cattle and are now in college. Ned raises, breeds and shows Herefords in Wyoming. My sisters, nieces and nephews all showed Hereford cattle."

Maddox says the goals of their herd are simple. They like cows that breed back easy and calve in a timely manner. "Having children around and teaching them to work cattle, docility is also an important characteristic. We have been blessed to always work with Herefords with great breed characteristics and hope to pass all of this along in their future."

He notes breeding, raising and showing cattle all starts with the cow. High quality hay and pastures are extremely important, as are water quality. "It seems so minor, but you get out what you put in," says

Maddox. "Cow nutrition plays a key roll in fertility year after year. Getting out and talking to breeders about bulls and knowing show results of new bulls is important. Implementing that in your personal program takes the perfect combination of EPDs for show cattle."



Maddox feels Herefords are experiencing success through staying true to their breed. "Percent-bred cattle aren't our style. Herefords are purebred. From a genetic standpoint, this can be seen as a challenge to achieve a desired look, but it's more exciting when it happens. Then we think, 'she's really good!'".

An ongoing challenge for Herefords is being seen from an equality standpoint. "At market, a red-and-white faced steer is discounted on appearance only," says



Maddox. "Certified Hereford Beef is on the edge of being something great. As breeders, we know that Hereford beef is fantastic."

Maddox has great memories showing Herefords as a child. "I was probably about 12 at my first Hereford Junior Nationals. Then they were held at ranches. Every ranch was always unique, but a great experience to see. I loved traveling the country to many different states. A highlight of my Junior National years was receiving sixth overall in showmanship. I've told my boys that showmanship is just one judge's opinion but showmanship is also exhibiting your animal to the best of its ability. Showmanship is just as important as everything else we do in the barn."

Maddox and his wife, Becky, and sons, Weston and Chase, recently moved into his grandparents' home in Brookston with their Herefords. "While my grandfather passed away in February, my family is excited to be back on the farm where Hereford cattle all began for our family."





2021 CONTEST ENTRY DEADLINE
NOVEMBER 1, 2020

2021 CONTEST DELIVERY DATE
DECEMBER 15, 2020

HRC FEED YARDS - SCOTT CITY, KANSAS

PRE-DELIVERY PROTOCOL:

- Weaned 45+ days
- 2 rounds of vaccinations (MLV)
- specific protocol available

Powered by BioZyme Inc.'s Feed the Future program, the NJHA Fed Steer Shootout is an industry-leading opportunity for NJHA members to gain invaluable industry education and experience. Contestants will collect feed yard performance and carcass data while gaining a broad knowledge of the cattle feeding and packing industries through a comprehensive educational contest.



ENTER & REVIEW GUIDELINES:
Hereford.org/youth/njha-fed-steer-shootout

HEREFORD FEEDOUT PROGRAM

AMERICAN HEREFORD ASSOCIATION

ENROLLMENT DEADLINE: NOVEMBER 1, 2020

DELIVERY TO HRC FEED YARDS: DECEMBER 15, 2020



PROVE THE WORTH OF YOUR GENETICS!

- Maximize your profit potential
- Improve carcass EPD accuracy
- Expand marketing avenues
- Gain access to the U.S. Premium Beef® grid
- Market into the Certified Hereford Beef® brand

PROGRAM GUIDELINES

- Groups of 5 head (min.) per producer
- Weaned 45+ days
- 2 rounds of vaccinations (MLV) – specific protocol available upon request
- Financing options available

Lee Mayo

General Manager

(620) 872-5328

lee@hrcfeedyards.com

www.hrcfeedyards.com

6550 KC-96

Scott City, KS 6787

Trey Befort

Director of Commercial Programs

(816) 842-3757

tbefort@herefordbeef.org

www.hereford.org



The Basics of Pricing Freezer Beef

COVID-19 has proven to be a catalyst for consumer demand for local product

Over the last decade the demand for locally raised meats have steadily increased and that demand has skyrocketed as of late, due to the implications of the COVID-19 pandemic on animal agriculture and the meat packing sector. With the significant increase of demand in local product we have also seen an increase in the number of producers entering the world of direct marketing. Perhaps the toughest aspect of direct marketing is determining how to set a price. In this article I am going to address that very subject and answer the question: What should I charge for a freezer beef?

There are a couple of ways that we could go about calculating a price but at the end of the day we must know two things:

- 1) your breakeven price;
- 2) how much money (profit) you want to make.

To determine a breakeven price, one must know their cost of production. Below are potential factors that should be considered as production expenses on a per head basis.

Whole, Half, and Quarter Beef

Cost of Animal — If the animal was purchased, what did it cost? If home raised, what did it cost to keep a cow for a year?

- + Feed – Value or cost of feedstuffs and mineral that were either produced and purchased.
 - + Veterinary – Any vaccinations, dewormer, other medications, veterinary bills.
 - + Bedding and Supplies
 - + Transport — Fuel, wear and tear on truck and trailer.
 - + Advertising – Cost of acquiring a customer.
 - + Value of Your Time – Value of time invested on average per head.
- = Breakeven cost per head

Once you have calculated a breakeven cost add you desired profit per head and divide that total by the hanging carcass weight to

determine a price per pound.

$$(\text{Breakeven} + \text{Profit}) / \text{Carcass weight} = \text{price per pound.}$$



Profit margin can be flat rate per head or a percentage of the cost of production. Determine a margin that suits your enterprise and your customer.

Often, the customer will want an idea of what the final price per pound is going to be before the animal is harvested in order to make purchasing and storage decisions.

Carcass weight can be estimated prior to harvest by estimating dressing percentage. Dressing percentage = (Carcass Weight/ Live Weight) *100.

For grain fed, non-dairy type, steers and heifers the average dressing percentage is around 62% and closer to 59% for a dairy steer. Dressing percentage can vary depending on gut fill, muscling, fatness and cleanliness of the hide.

Individual Beef Cuts

To determine prices for individual, retail beef cuts the formula to calculate cost of production is similar, however the cost of harvesting, processing, packaging, and labeling the end product must be accounted for. Time spent marketing and advertising can be considerably high when marketing individual cuts.

When calculating the average price per pound of individual cuts, one must consider cutting yield. Cutting yield = (Pounds of retail product/carcass weight) *100. Cutting yield will be influenced by boneless vs. bone in product, muscling, amount of fat needed to be trimmed, and amount of fat in ground beef.

Once the carcass cutting yield is known, the average price per pound required to reach a target profit can be calculated. Not all cuts have the same value in the marketplace. That value is determined by demand and the proportion of the carcass that yields each specific cut.

Comparison Pricing

When selling wholes, halves, or quarters the first place to compare prices with is the local livestock auction. It is recommended that at minimum that freezer beef carcass prices be set above what the live animal is worth at the current time.

Anyone selling retail cuts directly to the consumer should consider comparison pricing as well. Comparing retail prices to the local grocery retailer is a good place to start. Rarely should direct marketed retail beef be cheaper than that in the retail meat case.

SLC *Valentine* 905G {DLF,HYF,IEF,MSUDF,MDF}



BMI\$ - 442
BII\$ - 532
CHBS\$ -127



Valentine is Homozygous Polled!

CE	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDR	TEAT	CW	FAT	REA	MARB
5.1	4.3	69	115	0.3	1.3	20.8	39	74	1.5	97	1.10	1.10	79	0.023	0.67	0.16



Sixth Generation Hereford Breeder

SEWARD
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119 N. Seip Road • Rockville, IN 47872
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Watch for
Valentine & JD
this show season!



IJHA SUMMER ACTIVITIES

By: Logan McFatridge

The summer of 2020 will definitely be one to remember, mainly because of the tragic events in the world, but partially because of the great memories that we made during the show season that we didn't even think was going to happen. The Indiana Junior Hereford Association still held their annual preview show, despite the setbacks of Coronavirus, and the turnout was great! Even during this pandemic, there were still over 25 classes of high quality individuals and cattle. The juniors were able to hold a meeting to discuss upcoming events and plans for the summer, and got to see friends that they hadn't seen since before quarantine.

The Junior National Hereford Expo was scheduled to be held in Louisville, KY with the theme "Banners in the Bluegrass." Unfortunately, when the state of Kentucky shut down due to the pandemic, the event had to be moved to Kansas City, Missouri and the theme changed to "Come Home to Hereford." We had over 40 exhibitors from Indiana and we did our best to make the most out of our JNHE experience, even though we did have to wear masks for the majority of it. We were able to sell over 100 JNHE ornaments in just 4 days, as well as

Hereford colored Pura Vida bracelets for this year's fundraiser to help us put on various activities and events throughout the year. We are continuing to sell these items and encourage families to check them out! We also still have state t-shirts for sale just like the shirts the juniors wore at Junior Nationals if anyone is interested. Please contact a board member or advisor to purchase any of these 3 items and support the juniors!

The Indiana State Fair is one of the biggest events for cattle in Indiana each year and we were fortunate enough to get to show despite the fact that the fairgrounds was closed to spectators and guests. During the show, Herefords were one of the biggest breeds, exhibiting over 15 classes for heifers and steers combined. It was a very successful weekend for Indiana Hereford exhibitors and we are very thankful we had the opportunity to show in Indy this year.

It was a great summer and we are looking forward to seeing all of you during the winter shows and in the following summer! Have a great school year and good luck to all of our amazing Indiana juniors!

INDIANA JUNIOR HEREFORD ASSOCIATION

President

Payton Farmer

Vice President . . Dylan Kottkamp

Secretary Jayden Simpson

Treasurer Kylie McFatridge

Media Relations

Logan McFatridge

REGIONAL DIRECTORS

(2-YEAR TERM)

Northern – Carlee Musser,
Luke Dixon

Southern – Chase Harker,
Michaela Marion

JUNIOR DIRECTORS

Collin Deatsman
Catie Musser

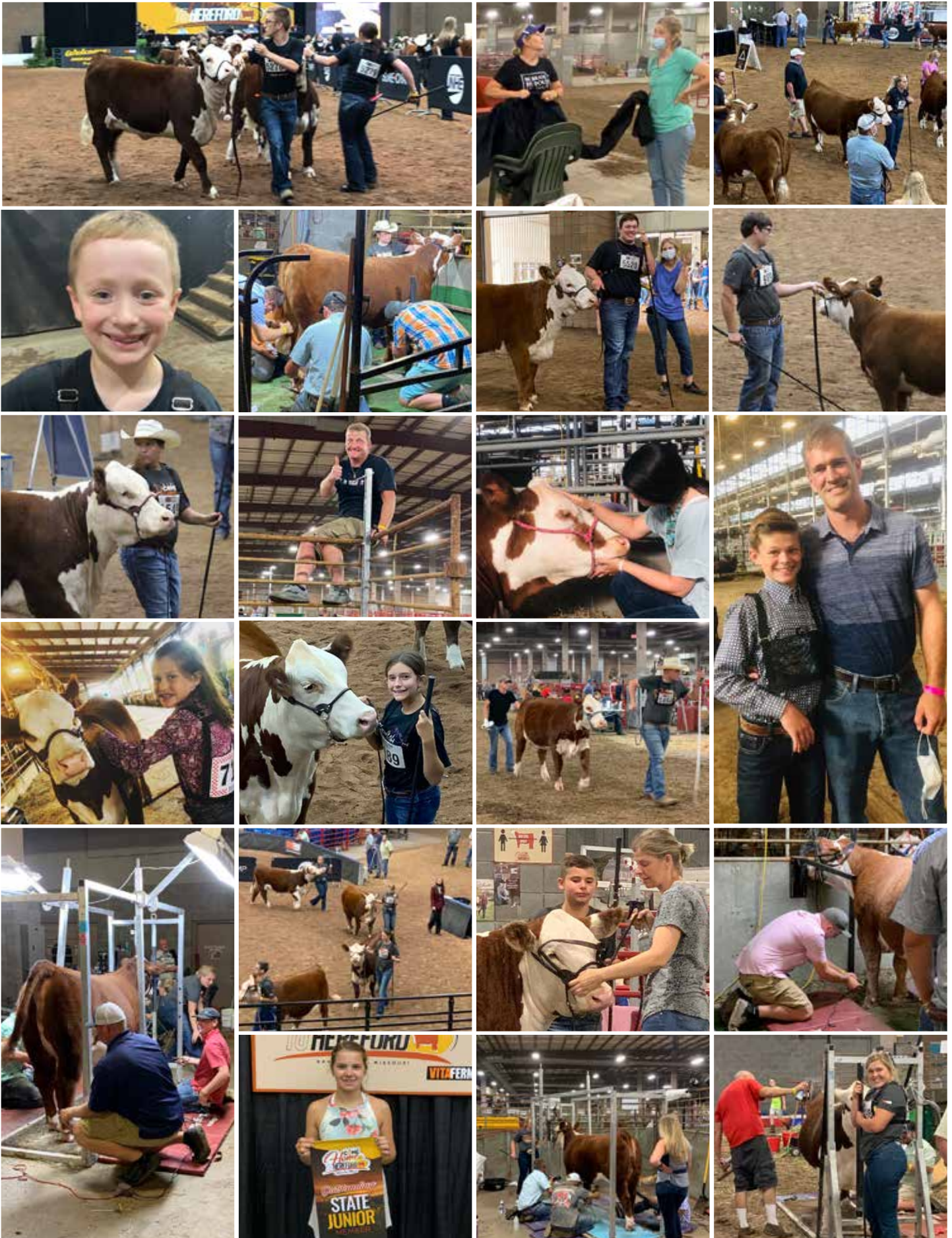
ADVISORS

Joni Doig: (317) 421-9711

Matt Curts: (765) 730-7026

Bob Grieves: (765) 491-6277





2020 **VITAFERM** Junior National Hereford Expo



*Owned Females
Polled Division I Reserve Champion —
Burk Van Horn, Morgantown*



*Owned Females
Polled Division V Champion —
Payton Farmer, Brownstown*



*Bred-and-Owned Bulls
Division II Reserve Champion —
Cody Beck, Bainbridge; Maddox Gunn,
Greenfield; Wyatt Gunn, Greenfield*



*Bred-and-Owned Females
Division I Reserve Champion —
Landon Deatsman, Leesburg*



*Bred-and-Owned Females
Division V Reserve Champion —
Burk Van Horn, Morgantown*



*Dylan Kottkamp and Hattie Duncan received the Golden Bull Achievement
Award at the 2020 Junior National Hereford Expo*



*Burk Van Horn was honored as one of the 2020
Junior Herdsman Finalists at the 2020 JNHE*

By: Hattie Duncan

Another summer has come and gone, and although it wasn't like any other one I had experienced, there was one thing in common. The Junior National Hereford Expo was still put on, even with a location change. As my brother and I packed up the trailer to take off to Kansas City for what would be my twelfth JNHE, we did not know what to expect, but we did know that we were excited to take our heifers to a show. From wearing masks and signing waivers to limiting people in the make-up ring and wearing bracelets, the 2020 JNHE was certainly different; however, it still proved to be the competitive reunion that Hereford enthusiasts look forward to each year.

Aside from the guidelines, the thing that made this JNHE unique was the family atmosphere within the Indiana stalls. All of the contests and other events that typically occur during junior nationals were virtual or canceled, so

there were not many distractions to take exhibitors away from their stalls. Some might think that lessens the experience, but I actually found it to be more enriching. Most junior members camped out at their stalls each day, and when they left, they rarely went out of the Indiana section. Friendships formed throughout the stalls, and different combinations of kids could be found each day playing cards or just having a conversation. To me, making friends and creating relationships can be the best part of an event to that scope, and it was those moments that made this JNHE special. Sure, we all like to go to a show to win, but that competitive tension was lessened, as the majority of exhibitors were just excited to be there and

take their calves out of the barn to be evaluated. For future JNHE's, I hope we remember this one not because of social distancing and masks, but because of the excitement of showing and getting to see friends.



Hattie Duncan received the National Junior Merit Award at the 2020 Junior National Hereford Expo

**Payton Farmer, Brownstown, Ind.,
received 7th place in the Senior Showmanship Finals and Lilly Edwards,
Marion, Ind. received 10th place in the Top Ten Junior Showmanship
at the 2020 JNHE**



Congratulations, Payton and Lilly!

CURTS

Cattle Company

*Producing quality cattle
for the pasture and show ring!*

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Matt: 765-730-7026

Larry: 765-914-3113

Andy: 660-287-3338

**Visitors always welcome!
Cattle are for sale at all times
Come see our cow herd**



**Grand Champion Hereford Female
2014 Ohio State Fair**

The CURTS Family: Larry Curts / Matt Curts / Andy and Rachelle Curts, Austin and Kaleb Curts

Continuing to invest in the future



**State Fair Indiana Champion
Bred-and-Owned Heifer**



**Come visit —
2020 HEIFERS
FOR SALE**



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A Note on Mandibulofacial Dysostosis (MD)

The American Hereford Association in collaboration with Dr. David Steffen and Dr. Jessica Peterson, at the University of Nebraska has discovered a defect in Hereford cattle called Mandibulofacial Dysostosis (MD). This genetic defect is considered autosomal recessive, meaning an affected calf must have two carrier parents.

The following are findings from the Dr. Steffen and Dr. Peterson:

Four Hereford calves were presented in March and April of 2020 with unusual defects of the face and jaw. Autopsy, evaluation of breeding records and genotyping were a cooperative effort.

The calves originated from three herds, each in a different state, making an environmental cause unlikely. Autopsy of the calves revealed shared, unique abnormal facial features. Breeding records demonstrated a common sire in the pedigree of both the sire and dam of each affected calf. The similarity in the defect among the calves and the pedigree analysis together suggested a new deleterious recessive mutation may exist.

The anatomic features overlap with a variety of other facial defects and can include cleft palate, short jaw, and crooked jaw or face. The unique and consistent hallmarks of the condition include unusual bilateral skin tags are attached to an unusual bone formation. There may be additional skin tags near or below the ears. A ridge of Mackel's cartilage, a structure usually present only during embryonic development, is retained in these calves' and attaches to the skin tag. This cartilage is encased in

bone as it is followed from the skin tag toward the base of the ear. This bone attaches specifically to the zygomatic process of the temporal bone. The calves' ears are sometimes slightly small and floppy. Muscles of the jaw are underdeveloped, and the calves may have an elongate oral opening appearing as an exaggerated smile. The nursing reflex is present, but nursing is not vigorous. Calves with the additional cleft palate, and/or severely shorted or crooked jaw are debilitated in their ability to nurse. Calves with the defect are live born but not able to thrive.

A list of Identified carriers on MD is published in the July 2020 Hereford World, page 11, or can be found on the AHA website, www.hereford.org. As of August 3, 2020, there is a test for MD. It is a stand-alone test at the cost of \$20. To do a GE-EPD test with a MD test the cost is \$55. To test any registered Hereford, contact the AHA customer service in Kansas City at 816- 842-3757. If you would like to learn more about this genetic defect, read the article on pages 10 -11 in the July 2020 Hereford World written by Shane Bedwell, COO and Director of Breed Improvement of the AHA.

This genetic abnormality can be easily managed. Remember both sire and dam must be MD carriers for the offspring to be a carrier. I recommend offspring of the carriers listed as carriers be tested. If you have any questions, feel free to call me at 419-306-7480.



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MD

MANDIBULOFACIAL DYSOSTOSIS

*For a calf to be
affected by this
genetic defect,
both the sire and dam
would have to be
a MD carrier.*

*For more
information about
this genetic defect
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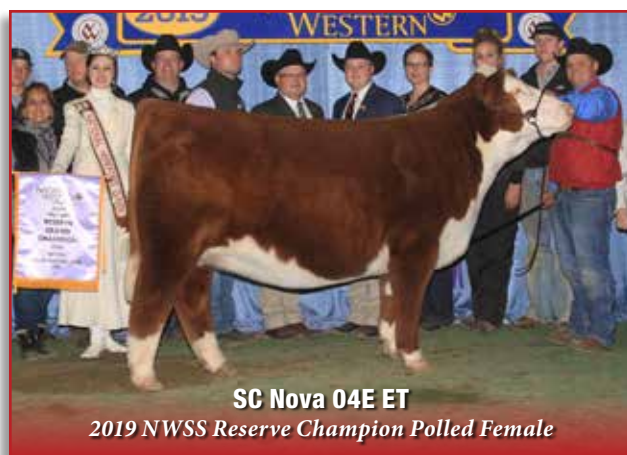


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