## SOUTH DEVON

REVIEW



## Add the Profit of South Devon Influence to Your Operation



Sire of MJB Gool 548C Sustainable \$Profit Index of \$23,672

Dam of 543C-MJB Nfkkf 8313 7 calves at 114 Weaning Index



Davella CCC BOWN N51

MJB Cool 548C Streof Davelle Cool Beau N51

From a Progress 3150 daughter

Sustainable \$Profit Index of \$29,342

### **Don't Miss our Genetics** at these Upcoming Sales:

Leachman of Colorado - March 23, 2020 Selling Top South Devon Influence Stabilizer Bulls

Midland Bull Test - April 2, 2020 Selling our Top High Percentage South Devon Bulls

Beef Country Breeders – December 2, 2020 **Selling our Top Angus Bulls** 

Females Available Private Treaty

## NFL DOGNOSS DSB014

An outstanding Progress son with a Low BW EPD of 1.4, Top WWT EPD of 83, Top YWT EPD of 137 and a Marbling EPD of +0.8

These bulls will have a big part in the future direction of our program. We are using Tried and True genetics to move your program forward.



The Nation's Largest Source of Efficiency Tested South Devon Bulls from one of the Nation's Largest Registered Herds of Over 350 Cows

> **JIM AND MARY BROWN LODGE GRASS, MONTANA 59050**

JIM - (406) 679-0309 CELL MATT - (406) 679-1796 CELL

www.MBJCATTLE.com



## Together let's rock the world of cattle DNA testing

Our new GeneSeek® Genomic Profiler™ (GGP) and Igenity® DNA test portfolios deliver amazing power to select, manage and market seedstock and commercial cattle.

#### **Seedstock producers:**

- Use GGP to select herd bulls and replacement heifers with more confidence and increase your rate of genetic progress.
- Use GGP to profile your sale bulls to provide your bull customers with the most reliable GE-EPDs.

#### **Commercial producers:**

- Buy GGP tested bulls from your seedstock supplier.
- Use the Igenity profile to retain and develop the heifers with the highest profit potential.
- Manage the future of your cow herd with more confident selection.













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## Staff

Lynn Giess	Editor
Sherry Doubet	NASDA Registry

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Please send address changes to: North American South Devon Association, 19590 E. Main Street, Suite 104, Parker, CO 80138.

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### **Technology and the Changing Marketplace**

Studying a bull sale catalog this time of year takes time and discipline. Producers have more information than ever before to make their selections. As technology, has advanced, especially genomic data, the data has only gotten bigger. Pedigree information, photos, EPDs, indexes, actual data, \$ values and the list, goes on, can make the selection process overwhelming.

In a recent Kansas State University podcast, experts concluded that producers should sort through the data, by first focusing on the

economic index. An index is a number that combines trait EPDs. Expected Progeny Differences are an estimate of the animal's genetic merit for a given trait compared to other animals weighted by their economic impact. Buyers need to use the right index for their operations.

Cattlemen are armed with proficient numbers to breed for, or against certain traits. Experts agree that some data can be discarded and buyers should not only focus on actual weights and measurements, because those numbers have already been included in the EPDs. The buyer also needs to confirm with the seedstock operator that all of the actual data has been turned into the breed association, so that they are assured of accurate data.

Data and its corresponding technologies are revolutionizing the way cattle are managed to achieve maximum production. The role of South Devon producers, now and into the future is to provide all data to the association. Incorporation of the data into the International Genetic Solutions database will give our customers an even more wealth of data and accuracy to better utilize information for commercial cattlemen in a win, win scenario. More importantly, the commercial



cattlemen can select bulls that excel in economically important traits.

The overall IGS database currently contains pedigrees and performance records on more than 19 million animals. New data is contributed on a weekly basis by IGS-member breeds, including South Devon. The influx of new data, both phenotypic and genotypic on young sires, the latest calf crops and new females coming into production as well as older animals, causes the resulting EPDs to become increasingly accurate.

Accuracy and efficiency are the

keys to a profitable operation. In many of the articles in the 2020 South Devon Review, you'll read about the genetic tools available to our membership, the successes and sustainability of different operations and new technology and how it can be used.

Those of you who are currently using South Devon genetics, both commercially and in the purebred sector, know and appreciate the traits that have historically made the breed desirable; docility, feed efficiency, fertility, carcass quality, adequate milk production and the production of a tender, flavorful product. By utilizing the data, breeders can continue to offer these traits as well as others, including calving ease, optimal maternal size, stayability, marbling, yield grade, muscle and tenderness and others.

Members must continue to work diligently on marketing the breed as a viable outcross for Angus and continental cattle and spread the message of the breed as 'The Profitable English Outcross'. Our challenge continues to be building awareness of the breed and its economically proficient traits.

Sincerely,

Dar Giess

NASDA President

#### 2020 BOARD OF DIRECTORS

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#### **COMMITTEE APPOINTMENTS**

#### **Executive**

Dar Giess, Chairman Steve Elmore, Joel Popken, Jordan Vander Molen

#### **Finance**

**Jordan Vander Molen, Chairman** Kurt Nelson, Dr. Dale Alumbaugh, Mary Brown

#### **Rules & Ethics**

**Dr. Dale Alumbaugh, Chairman** Steve Elmore, Mary Brown, Dar Giess

#### Show, Sales & Events

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Jim Brown, Joel Popken, Lane Giess, Jordan Vander Molen, Kurt Nelson

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Steve Elmore, Chairman

Mary Brown, Lane Giess, Mike Steinlicht, Keith Elkington, Jeff Dahl, Lynn Giess

#### Membership & Junior Programs

Lane Giess, Chairman

Jordan Vander Molen, Lynn Giess, Mike Steinlicht, Charles Terry

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Sherry Doubet

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Lvnn Giess

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Pierz, MN 56364
southdevon\_lynn@outlook.com
320-250-9121



**2020 NASDA Board of Directors:** Front Row, pictured from left to right: Jeff Dahl, Dar Giess, Dr. Dale Alumbaugh. Second Row: Lane Giess, Joel Popken, Kurt Nelson, Steve Elmore. Back Row: Jordan Vander Molen, Mike Steinlicht, Jared Mumm. Not pictured: Mary Brown and Keith Elkington.

#### SUMMARY OF ACTIONS – 2020 NASDA BOARD OF DIRECTORS MEETING

Animal Identification - Official registration at the NASDA could include individual identification of one or any combination of a tattoo, (with or without herd letters) or an EID (with herd premise) or a numerical brand (hot or freeze).

*Membership* - The active adult membership fee will be increased from \$50 to \$100 annually effective January 1, 2021. The active junior membership fee will be increased from a lifetime \$15 fee to a \$15 setup and \$20 annual fee effective January 1, 2021.

**Walking Bull DNA Requirements** - NASDA will require all South Devon sires to have a low-density genotype on file with the NASDA office, beginning on all sires of 2021 calves.

**DNA Services and Research** - NASDA will continue to explore the concept of a research project with Neogen under the IGS partnership agreement.

Youth Experience Program - Discussed the viability and sustainability of the donation heifer program and voted to retain the program, pending the number of applica-

### NASDA REPRESENTED AT NCBA CONVENTION

The 2020 Cattle Industry Convention and NCBA Trade Show was held February 5-7 in San Anotnio, Texas. This year's convention and trade show was attended by more than 9,000 members across the United States over the 3-day meetings and events.

The North American South Devon Association was in attendance at the National Cattlemen's Meeting and Convention in San Antonio, Texas promoting and discussing South Devon genetics with commercial cattlemen. NASDA representatives including President, Dar Giess and NASDA Board Member, Lane Giess attended the event.

As a member of International Genetic Solutions, NASDA was represented through the IGS booth display along with the American Simmental Association.

#### **DNA SAMPLE STORAGE**

During the 4th quarter of 2019 NASDA, along with other breed associations were informed that the Neogen/GeneSeek lab in Nebraska had reached its capacity for DNA sample storage. As a result of this, the lab has informed breed associations that they would be returning blood and hair card samples back to the associations for storage at their own locations unless customers were willing to pay a storage fee cost.

As a result, NASDA has been receiving dry samples (blood and hair cards) back from the lab so they can be scanned and logged into storage if customers require sample pulls for further testing on cattle if the customer requests it. NASDA is doing this to avoid customers paying a fee of \$1.00 per sample per year if the lab were to continue storing dry samples.

Beginning January 2020, tissue samples will be kept at no cost initially at GeneSeek/Neogen from time of submission for a period of one year. After that time frame, the sample will be discarded by Neogen unless the customer notifies NASDA to have the lab store the sample at a cost of \$1.00 per year per sample which the member can choose to pay for if they request tissue sample storage in the GeneSeek's freezer units.

It is a good idea for a member to have a backup sample on file in case of loss, sample depletion or degradation particularly on high use cattle, A.I. sires or donor dams via a blood or hair card and kept at their home or ranch. NASDA can't store backup samples for members in the system as they have no order number or barcode established to record in the storage system for retrieval as compared to samples that originated with a DNA testing order.

For cattle that are tested on a 50k or 150K profiler, most of the genotype and tests are available on the stored genotype. The only test that requires a new DNA sample unless ordered in the original test are the CA and AM defects along with the BVD test. They all require a sample and are not in the genotype unless ordered upon the original request. All the homozygous traits, parentage and other defects can be simply looked up when ordered by staff for members once cattle are on a profiler.

We know this is not feasible for all members as many test parentage and then come back with further testing for profilers, etc. so that is why the lab has agreed to store tissues for I year. Members should keep in mind that when they order the profiler initially, the parentage is free and they get cheaper bundle pricing on color and polled test versus standalone testing for parentage, color and polled and getting a sample pull charge as well on cattle that require a profiler at a later date.

### BEEF QUALITY ASSURANCE (BQA) RESOURCES

The National BQA Program has placed a high priority on animal-handling issues and developed a variety of resources for producers working to improve. Online BQA self-assessment tools are available for cow/calf, stocker and feedlot producers. Find these tools and other information about the BQA program at www.BQA.org.

#### **LETTER H FOR 2020**

The international letter code for 2020 is H. Remember to include the letter H as a part of every calf's tattoo in 2020. For example, a NASDA preferred tattoo would be 124H.

#### **RULE REMINDER**

Under Rule 5, Artificial Insemination and Ova Transfer, #3: A blood type record of all sires used in artificial insemination must be on file with NASDA. A \$50 one-time charge, will be assessed for AI permitted bulls. A list of all bulls that have an AI permit is available on the website.

#### **MEMBERSHIP DRIVE**

The North American South Devon Association is promoting a membership drive for 2020. Any individual who recruits 5 new members in 2020 will receive a ½ page ad in the 2021 Sire Summary Magazine. Those recruiting 4 new members in 2019 will receive a ¼ page ad. Anyone recruiting 3 members will receive a complimentary card ad. Those recruiting 1-2 members will receive a complimentary banquet ticket to the 2021 National Banquet, held during the events in Denver in mid-January. All recruiters will receive recognition on-line and in the 2021 Sire Summary magazine. Anyone recruiting 10 new members will receive a feature article on their operation in 2021 issue. Recruitments can be a seedstock operation, commercial operation or business.

#### **NASDA WEBSITE & CALENDAR OF EVENTS**

Classified advertising is available on the NASDA website. The classifieds section was designed as a location for members to advertise their cattle, semen, livestock, supplies, equipment and employment opportunities. Cost is \$20 per month or \$50 for three months for members and \$30 per month for non-members. This fee is for an ad approximately six lines not including your contact information. Individuals who advertise in the spring issue of the magazine will receive a complimentary ad in the classifieds section. Anyone who would like to have an event date added to the NASDA

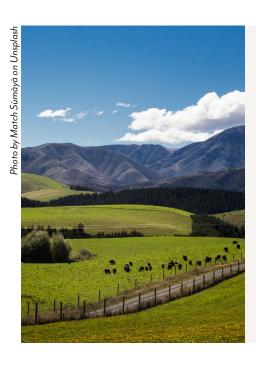
website or South Devon Review calendar of events should contact the NASDA office in writing, with the exact dates, location and contact information.

#### **NASDA PHOTO CONTEST**

The 2020 NASDA photo contest will be held throughout the year. Entries will have the opportunity to appear on the cover of the 2021 Sire Summary and Membership Directory. Other winners will be used in additional publications and on the NASDA website. The photographer of the winning photo will receive a South Devon jacket, complimentary banquet ticket and recognition at the annual South Devon banquet held each year in Denver in mid-January. Second and third prize will also receive an award and be recognized. All materials need to be of higher resolution – a minimum of 300 dpi for photos. Send photo contest entries by Jan. 1 to the NASDA office, southdevon\_lynn@outlook.com.

#### **CO-OP PROMOTION**

Co-op promotional opportunities are available from NASDA. The NASDA will share 50% (with a maximum of \$400) of the cost of promotions for South Devon events such as a promotional booth and/or displays at fairs, expos, etc. This includes consignment sales, but excludes private and productions sales. Prior approval by NASDA is required.



### SPOTS STILL AVAILABLE FOR NEW ZEALAND 2020 World South Devon Conference and Tour

Hosted by the South Devon Cattle Society of New Zealand

In addition to the full tour package advertised (Option 1), the following options have been added:

- Option 1: Beginning in Christchurch and finishing in Auckland, including Conference (Nov. 10-Dec. 4, 2020)
- Option 2 (NEW): South Island Leg, including Conference, starting in Christchurch and finishing in Palmerston North (Nov. 10-26, 2020)
- Option 3 (NEW): North Island Leg, including Conference, starting in Wellington and finishing in Auckland (Nov. 21-Dec. 4, 2020)

For more information, contact: Lindy Lawrence at lindy@pbbnz.com or www.southdevon.co.nz.

#### **FACEBOOK**

For up-to-date events and information log on to the North American South Devon Association Facebook page. If you have photos or highlights from a South Devon event, e-mail: southdevon\_lynn@outlook.com.

#### YOUTH EXPERIENCE APPLICATIONS

The deadline for the 2021 NASDA Youth Experience heifer application is November 1, 2020. Juniors interested in applying for the heifer can log on to www.southdevon.com, junior page.

#### ELKINGTON FAMILY HOLDS 40<sup>TH</sup> ANNUAL SALE

The Elkington Polled Herefords and South Devon ranch held their 40th annual sale, Friday, Feb. 7 in Idaho Falls, Idaho. Well-known for their range-raised, performance-tested cattle, the recent sale drew a capacity crowd. Demand was high for the South Devon lots, with the top-selling bull, EBS ELKER 622F selling for \$4200 to Max William, Richfield, Utah. Browns Diamond J of Grantsville, Utah purchased EBS Poundmaker 736F for \$4000. Interest was also high for the female lots, with Lot 617F, a March 2018 heifer out of TH 512X and Eldorado 49B selling to Fitzpatrick Farms, Lola Fitzpatrick, Eden, Idaho for \$5750. Lot 648F went to Keith Davis, Davis Cattle Company, Dillon, Montana for \$2200. 21 South Devon bulls averaged \$2980 and six South Devon heifers averaged \$1625. Volume buyers included Grants Range Bulls, Brigham City, Utah purchasing 13 head and Cotton Guio, Big Piney, Wyoming with eight head.

For more information about the Elkington program, contact Layne Elkington, 208-681-0765 or e-mail ephrbulls@hotmail.com.

#### 2020

### Calendar Highlights

#### MIDLAND BULL TEST

April 2

Columbus, Montana www.midlandbulltest.com

#### **DLCC RANCH ANNUAL SALE**

April 25

Pierz, Minnesota www.dlccranch.com

### BEEF IMPROVEMENT FEDERATION

June 9-12 Kissimmee, Florida www.beefimprovement.org

#### NASDJA 'JUNIOR NATIONAL'

June 24-27

Stillwater, Oklahoma www.southdevon.com

#### **IOWA STATE FAIR**

August 15-17
Des Moines, Iowa
www.iowastatefair.com

#### **WORLD BEEF EXPO**

September 25-27 Milwaukee, Wisconsin www.worldbeefexpo.com

#### NILE

October 10-17 Billings, Montana www.thenile.org

#### **MINNESOTA BEEF EXPO**

October 15-18 St. Paul, Minnesota www.mnbeefexpo.com

#### NORTH STAR CLASSIC

December 3-6
Valley City, North Dakota
www.northdakotawintershow.com



By Sherry Doubet

#### Registry software upgrade to ILR2

The year 2019 seemed like a whirlwind here at the North American South Devon Association. As you know, three breeds are being processed by the same registry staff. The North American South Devon Association, the American Salers Association and the American Aberdeen Association. All three breeds upgraded the registry software to the new International Livestock Records software (ILR2) as provided by the Agricultural Business Research Institute in Armidale, Australia. The ILR2 software is used by a multitude of cattle and other species as the registry software in over 30 countries.

For those of you not familiar with software conversions, they can be challenging. Aberdeen was the first breed to convert in early January 2019. That breed has the smallest database and has the least amount of performance data, so it was the logical beginning to sort out programming modifications. We then moved to South Devon in early May, and followed with Salers in July.

The new software does offer some great enhancements for South Devon breeders.

## Upload and download registration and registry spreadsheets

For those operations not using a ranch management computer software system, South Devon producers can now receive a comma delimited file (csv) to open in applications such as Excel or Google Docs to fill in registry

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and performance data. That file can then be uploaded direct to the registry system for much quicker and more accurate registry information. Members can then log on to their on-line account and retrieve PDF reports of processed data.

Additional enhancements include quicker upload and download of ultrasound scanning spreadsheets and turn-key sale catalog download files.

#### Initial Data Implementation to International Genetic Solutions (IGS) for EPD Calculations

In 2018, the Board of Directors from the North American South Devon Association, American Salers Association and the Salers Association of Canada, decided to pool our funds together and join the database of International Genetic Solutions. Each organization was interested in getting the most accurate EPDS for each of our respective Breed Associations which would also include the availability of Genomic Enhanced EPDS for those animals having a 50K or greater genomic test on file.

In early September 2019, NASDA embarked on that journey with our first download of Performance and Genomic information from all of our respective groups through the newly established pipeline to IGS.



Once the programming snags were identified and corrected, all of the organizations began weekly transmissions of data to and from IGS. The South Devon data then entered the beta testing phase. Dr. Bruce Golden at Theta solutions had to add additional programing to the Bolt software to be able to properly identify both breeds of cattle. All available research regarding breed difference and identification was also used to be able to get

where we are today. As I write this article, NASDA has just received the first EPD/Genomic data from the Beta test run. We are nearly able to provide North American South Devon producers the most accurate EPDs ever provided for our breed. We are now part of the largest beef cattle database in the world of nearly 19 million animals representing 17 different breed associations in the US, Canada and Australia. To date, over 230,000 genotypes are now included and the South Devon DNA can now be included in this process. The more we know about our cattle, the better decisions we can make as cattle breeders. NASDA will distribute information to all breeders upon completion of the evaluation of the final DNA run. EPDs will then be calculated in a weekly run for each organization.

For those breeders interested in future genotyping, you will now begin to see the rewards from your participation. The chart below lists the number of progeny it would take for each trait to reap the benefits of one genomic test. Exciting times are ahead for the South Devon breed to now have this type of information for our seedstock and commercial producers.

#### **2020 Estimated Progeny Equivalents**

An estimated progeny equivalent is the average number of progeny records it would take to see an equivalent change in accuracy from a genomic test. For example, if a non-parent animal is genotyped, the accuracy of his/her EPD is akin to an animal that has already produced 5 offspring with a carcass weight record (see table below). Over time, these estimates will change as statistical models are improved, the number of phenotypes increases, and the information from genomic data improves.

Trait	2020 Estimated Progeny Equivalents
Calving Ease (Direct)	25+
Calving Ease (Total Maternal)	4
Birth Weight	22
Weaning Weight	25+
Yearling Weight	25+
Milk	19
Stayability	15
Docility	25+
Carcass Weight	5
Marbling	8
Rib Eye Area	6
Back Fat	8

#### NASDA Enhancements for Seedstock Producers in 2020

Additionally, the NASDA board of directors has made some significant modifications to allow South Devon seedstock producers more flexibility when it comes to the record keeping process.

The NASDA board has expanded Animal ID systems for Registry. Breeders now have a choice between three different methods to uniquely identify registered seedstock.

**Tattoos** - Producers can still use a tattoo as a means of official identification. The tattoo still must include a number and the year letter, but herd letters are now optional.

- Tattoo Freeze Brand or Hot Iron Brand A
  brand including the number and the year
  letter in now also considered an official
  means of identification.
- 2. Electronic Identification (EID) A UDSA approved RFID Electronic Identification tag is now an official means of identification for the registration of South Devon cattle. Producers will be required to obtain a Premise Identification number to purchase RFID EID tags through an official vendor. Producers can enter EID numbers on any and all electronic spreadsheets when registering cattle. A provision will be in place in case of a lost EID.

South Devon producers can now choose to utilize one or all three methods of identification for registered cattle. NASDA would like to encourage more than one method to better allow for a lost EID or an illegible tattoo or freeze brand.

NASDA is excited for the new opportunities that exist to better identify South Devon cattle and the great leap ahead we will have made when we finalize the IGS Genomic Enhanced EPDs. It is an exciting time to be involved with a great breed of cattle that are more right for the industry and cattle producers everywhere.

#### 2020 SEEDSTOCK PRODUCER OF THE YEAR

## Triple Crown South Devon

RUSSELLVILLE, MISSOURI

Family, efficiency and breed temperament are central to the Campbell family, owners of Triple Crown South Devon near Russellville, Missouri. Randy and Sharon Campbell, along with their daughter and two sons and their families, combine passion and technology to produce the best possible cattle for their customers.

South Devon seedstock production is the main focus as the Campbells have carefully refined their fullblood herd to produce top-of-the-line bulls and females for the commercial and purebred industry.

"There are many breeds of cattle in the U.S., but South Devon cattle have given a small producer like me the ability to differentiate our program in the market place," said Randy.

The rolling hills of central Missouri, close to the state capitol of Jefferson City has been the home to the Triple Crown program since 1989. Originally, South Devon were selected after hearing how good their temperament was, from Mark Dingfelder, a local farrier. Six crossbred commercial heifers were purchased from Alumbaugh Farms in Trenton, and later five fullblood heifers from Tom Lyons in Fort Scott, Kansas. A fullblood South Devon bull was selected from the Chilcott herd in Ocie, Missouri.

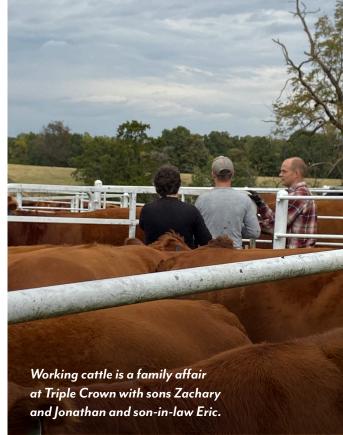
"We continued with the breed because of disposition, but have changed the cattle through breeding selection to better fit our environment and the cattle industry," Randy said. Triple Crown has honed in on those necessary traits and changes to their program, by following progeny through the feedlots and collecting data. Ultrasound data on all heifers retained and yearling bulls offered for private treaty began in 2009, he said. "Calves not developed as breeding stock have been sent to a commercial feedlot for over 20 years to obtain carcass data and receive the financial benefit of retained ownership."

The Campbells have benefitted from being able to follow their cattle all the way from birth to rail and seeing what they can do to improve and continue with the objective established many years ago: To serve the needs of commercial producers regardless of their size. To develop and maintain a breeding program that doesn't chase fads but is directed towards a long-term vision. To emphasize the positive traits of the breed: disposition, maternal, carcass and longevity and utilize data and objective information as an aid in evaluating cattle without abandoning functional cows that perform in the pasture.



2014 World Tour participants at Triple Crown South Devon











### 2020 COMMERCIAL PRODUCER OF THE YEAR

## Parr Farms

FERRYVILLE, WISCONSIN

In 2013 Jeff and Bonnie Parr purchased their first South Devon bull. The Ferryville, Wisconsin couple had recently sold their dairy cows, purchased a herd of beef cows and wanted a breed that would improve the disposition of the herd.

"A mixed-up group of cattle is an understatement," said Bonnie. "At this time, we set a goal to get the cattle straightened out and breed for good replacement heifers. We also needed some calmer genetics."

Seven years later, Parr Farms has retained all the heifers and finished out all their bulls.

"We feel that the money spent on good bulls is paying off," said Bonnie. "The heifers have been good mothers and had few problems with calving and the steers have finished out well and been consistently at the top of the fed cattle sale."

More importantly, using South Devon bulls have definitely improved the disposition of the herd, she said.





Jeff & Bonnie Parr, 2020 Commercial Producer of the Year, pictured from left to right with: NASDA Ambassadors, Jillian Kniep, Jaylene Young and NASDA President, Dar Giess.







"When you head into the pasture with the Gator, the cattle will come to the vehicle and lick the windows, rather than run away and jump fences," Bonnie noted. "The steers are too lazy to even get out of the way when you try to feed or put bedding in the lot and they actually act a lot like dairy steers that we used to finish out before we went all beef."

"We still have a way to go to get our herd where we want it to be," said Bonnie. "We will be culling out more older cows this year to make room for the heifers."

The Parr family, including sons Jared and Brandon have a passion for farming. Along with the beef cattle, they also grow cash corn and soybeans. Jeff grew up in town, but worked on a dairy farm while in school and Bonnie grew up on a mink ranch and small dairy farm. Both were glad to raise their family on a farm and both boys chose careers in agriculture.

In addition to work on the farm, the Parrs also make time for a family hobby, tractor-pulling. Jeff drives a 466 Hot Farm Tractor called "Never Retreat Deere." He pulls with the United Pullers of Minnesota and Brandon pulls the tractor with Badger State Tractor Pullers in Wisconsin. Jared attends a few local farm pulls with the 4010 during the summer.

Jeff and Bonnie agree, that as they move forward, they want to continue to produce quality cattle and build the herd from within.

"You can't put a price on the feeling you get when you pull into the field with the feed wagon and the herd lines up to eat and the sun is coming up on the horizon," said Bonnie. "We have been blessed with good health, good kids and a good family. We take the time to count our blessings."

### 47th National South Devon & Poundmaker Show

2020

# Parade of Champions

DENVER, COLORADO



2020 Golden Comb Award Winner Ciera Steinlicht, Valley Falls, KS



Champion Bull JVM Easton 750E

Sire: Hill Crest 465B – BD: 4/28/17 JVM Cattle Company, Pella, IA



Reserve Champion Bull DLCC Gold Medal 104G

Sire: DLCC Everest 50E – BD: 4/16/19 DLCC Ranch, Pierz, MN



Champion Female Fraser Mabelene 1811F

Sire: DLCC DJ 95D – BD: 8/8/18 Helaina Fowler, Lewistown, MT



Reserve Champion Female
JVM Good Golly Miss Molly

Sire: JVM Easton 750E – BD: 2/28/19

Emma Gnech, Malin, OR



Champion Poundmaker Bull JVM Fireball 865F

Sire: JVM Duke 657D – BD: 4/26/18 JVM Cattle Company, Pella, IA & Lower Grove Farm, New Sharon, IA



Champion Poundmaker Female JVM Gracie 939G

Sire: JVM Zeke 252Z – BD: 6/21/19 Hanna Gnech, Malin, OR



Champion Junior Heifer JVM Good Golly Miss Molly

Sire: JVM Easton 750E – BD: 2/28/19

Emma Gnech, Malin, OR

Sponsored by: Alumbaugh Farms, Trenton, MO



Reserve Champion Poundmaker Bull Royal Frisco RBG 801F

Sire: Hook's Zephyr 105Z – BD: 2/5/18 Wiley Fanta, Starbuck, MN



Reserve Champion Poundmaker Female JVM Go Go 909G

Sire: JVM Easton 750E – BD: 4/12/19 Brandon Van Wyk, Grinnell, IA



Reserve Champion Junior Heifer JVM Giselle 903G

Sire: JVM Easton 750E – BD: 4/10/19 Brandon Van Wyk, Grinnell, IA Sponsored by: MJB Ranch, Lodge Grass, MT

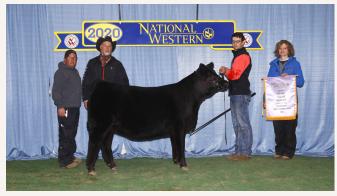


Champion Poundmaker Junior Heifer HMG Fatty Patty 25F

Sire: DLCC Hoo Doo 13C - BD: 4/5/18

Emma Gnech, Malin, OR

Sponsored by: KNN Farms, Bay City, WI



Reserve Champion Poundmaker Junior Heifer Royal Godiva RBG 902G

Wiley Fanta, Starbuck, MN Sponsored by: Triangle T Cattle, Columbus, MT



Champion Senior Showman: Travis Moniz, Princeton, CA Sponsored by: Parr Farms, Ferryville, WI



Reserve Champion Senior Showman: Helaina Fowler, Lewistown, MT Sponsored by: Bar E Cattle, Clinton, NC



Champion Junior Showman:
Wade Kramer, Columbus, MT
Sponsored by: Butterfly Acres, Valley Falls, KS



Reserve Champion Junior Showman: Ciera Steinlicht, Valley Falls, KS Sponsored by: Dahl Land & Cattle Company, Gackle, ND



MULTI-BREED GENETIC EVALUATION POWERED BY BOLT

By IGS Genetic Evaluation Team

The International Genetic Solutions (IGS) Multi-breed Genetic Evaluation powered by BOLT, of which the North American South Devon Association (NASDA) Board of Directors voted to join in 2018, offers groundbreaking advances in the prediction of EPDs. With approximately 19 million animals and 400,000+ new animals added annually, IGS offers power in the collaboration of multi-breeds, providing a system for commercial and purebred producers with user-friendly selection tools.

Here are some frequently asked questions and answers to help you better understand the new evaluation.

## What are the key features of the Multi-breed Genetic Evaluation powered by BOLT?

- Faster and more automated system allowing for frequent genetic evaluations.
- Improved use of genomic data with Single-step.
- Improved methodology for predictions of all traits.
- More accurate accuracy.
- More flexibility to add additional traits or change methods for future improvements.

## How is IGS's single-step approach different from blending for genomic evaluation?

The blending approach uses separate steps to calculate genomically enhanced EPDs. This approach requires two steps. The first step is to estimate the effects of DNA markers through a process called "training" or "calibration". These effects are then used to calculate molecular breeding values (MBVs) on genotyped animals. The MBV's are then combined with traditionally calculated EPD's to enhance the accuracy of traditionally calculated EPDs. The blending process is only performed on genotyped animals.

Befitting its name, the single-step approach calculated genomically enhanced EPDs in one step – using DNA, pedigree information, and phenotypes simultaneously. As a result, the DNA information not only improves the accuracy of prediction on genotyped animals, but also on the relatives and contemporaries of the genotyped animals. In a sense, all animals are genomically enhanced under the single-step approach.

There are also issues inherent in the blending process that are solved with single-step. Similar to the fact that

only reporting phenotypes on a selected group of animals in your herd can lead to less informative (and more biased) EPDs with traditional evaluation, problems can exist with blending as it only involves genotyped animals – and genotyped animals tend to be highly selected. However, because single-step includes information from non-genotyped as well as genotyped animals, the issues are corrected.

#### How is the Multi-breed Genetic Evaluation powered by BOLT different than other single-step models used in other genetic evaluations?

It is well-established that DNA markers vary greatly in their effect on traits – ranging from a large to no impact. To leverage this biological fact in a statistically advantageous manner, the BOLT single-step method only utilizes markers that have a meaningful impact on the traits of interest, while ignoring those that have little to no effect. By using this approach, BOLT reduces the statistical "noise" and thereby increases the accuracy of prediction. By circumventing the "noise", BOLT-generated EPDs tend to be more accurate than EPDs generated by organizations that are relegated to using all markers in their single-step evaluation.

## How many DNA markers are being used?

The Multi-breed Genetic Evaluation powered by BOLT uses a subset of weighted markers based on a research study performed by Dr. Mahdi Saatchi and Dr. Dorian Garrick, while they were scientists at lowa State University. Saatchi and Garrick first used the 50,000 markers to determine a subset of weighted markers that are highly associated with economically relevant traits in beef cattle with consistent effects across breeds. Because the IGS evaluation is for multiple breeds, it is important to remove markers with inconsistent effects, or no effects in different breeds. The Saatchi and Garrick research also found that utilizing genotypes on animals of multiple breeds consistently increased the accuracy of prediction within a particular breed when compared to limiting DNA utilization to only animals of a particular breed.

### Why are some traits influenced by markers and others are not?

The genetic architectures of various traits are different. Some are controlled by few genes with large effects and some are controlled by many small effects, genes. In the current DNA profilers, there are some markers with high correlations with corresponding genes for some traits



and low correlations with others. That's why we see the different DNA added values for different traits. It is hard to change the genetic architecture of a trait. New DNA profilers or future technologies may help to improve the value of DNA information for such traits. Furthermore, some maternal traits, like Maternal Calving Ease and Milk, are difficult to predict with genomics because there are so few females genotyped. Increasing the number of cows and heifers genotyped will improve the ability to use genomics to predict maternal traits.

## Will genomic testing replace the need to submit phenotype records?

No, reporting actual records is critical. The value of genomic predictions increases as the amount of phenotypic information increases. Furthermore, at this point, animals cannot achieve high accuracy with genomic data alone. High accuracy EPDs are only achievable by collecting many phenotypic records on offspring.

## How do we know predictions via BOLT are better than the previous system (Cornell software)?

The IGS evaluation team has conducted a series of validations to compare the BOLT system to the Cornell system. BOLT-derived EPDs had higher correlations to birth, weaning and yearling weights (0.34, 0.29, and 0.26, respectively) than the Cornell derived EPDs (0.27, 0.19, and 0.20, respectively). Furthermore, there was a larger difference in average progeny performance (birth, weaning, and yearling) of the top one percent compared to the bottom one percent animals in the BOLT derived EPDs compared to the Cornell calculated EPDs. Both validations suggest the BOLT EPDs align better with the actual phenotypes than the Cornell EPDs.

## Why do some animals have substantial changes in their indexes?

Though the correlations between the previous (Cornell derived) EPDs/indexes and the BOLT derived EPDs/indexes are relatively strong, there will be some animals that happen to move in a consistently favorable or unfavorable direction in a number of EPDs. Because indexes are comprised of several EPDs, even though movement in individual EPDs may be considered small, movement in the same direction across EPDs may yield sizable

movements in the index value. This is particularly true for animals that have consistent movement in traits that are drivers of a particular index. Though in a large population like ours we would expect to see several animals with substantial index movement, these animals will be the exception to the rule.

## How does BOLT improve our calculation of accuracy?

"True" accuracy can be thought of as the gold standard of accuracy. It is statistically unbiased, and therefore the ultimate measure of accuracy. True accuracy is the accuracy resulting from direct calculation. Unfortunately, even with the massively powerful computing capacity now in existence, the direct calculation of accuracy is not possible on datasets the size of ours. Because we cannot calculate accuracy directly, other approaches to accuracy calculation have been developed.

In our Cornell evaluation platform, and all others in existence other than BOLT, the calculation of the accuracy associated with each EPD is achieved through "approximation" methods. It has long been known these methods are a very crude approach to the calculation of accuracy—tending to overestimate accuracy.

Another approach to the calculation of accuracy is via "sampling" methodology. Sampling is shown to be a more accurate predictor of accuracy. In fact, the results of this method were reported to be virtually identical to true accuracy. Unfortunately, due to its computationally intense nature, sampling has long been thought an infeasible approach to the calculation of accuracy on large databases.

BOLT, however, has changed the landscape in this area. By employing unique computing strategies that leverage both software and hardware efficiencies, BOLT performs what was previously unthinkable – utilizing a sampling methodology to calculate what is essentially true accuracy.

Because BOLT can calculate true accuracy, we can put more confidence in our accuracy metrics. Put another way, unlike with approximation, we can count on the predicted movements associated with possible change holding true over time. This was not the case with our Cornell system nor any other system in existence.

## Why do the carcass EPDs generally have an increase in accuracy with BOLT while this is not a case for other traits?

You will notice that while the Multi-breed Genetic Evaluation powered by BOLT will generally produce lower accuracies than the Cornell system for growth and calving ease traits, the opposite is true for carcass traits.

One reason behind the differing accuracy outcomes is several years ago the evaluation team developed a way to temper inflated accuracies in the Cornell carcass evaluation. Unfortunately, this was not possible for growth traits.

Another reason is that the Cornell system only used the carcass and its corresponding ultrasound trait (e.g., marbling score and IMF) to predict carcass EPDs, while records on several additional correlated traits are leveraged with the BOLT system.

A new feature of the BOLT evaluation is a new approach to the calculation of Carcass Weight EPDs. Due to limitation, our previous Carcass Weight EPDs did not incorporate actual carcass weights. They were predicted through an index of birth, weaning and yearling weights. Besides using prior growth records (weaning, post weaning), the new approach also includes actual carcass weights. This feature will undoubtedly lead to a more accurate prediction of carcass weight.

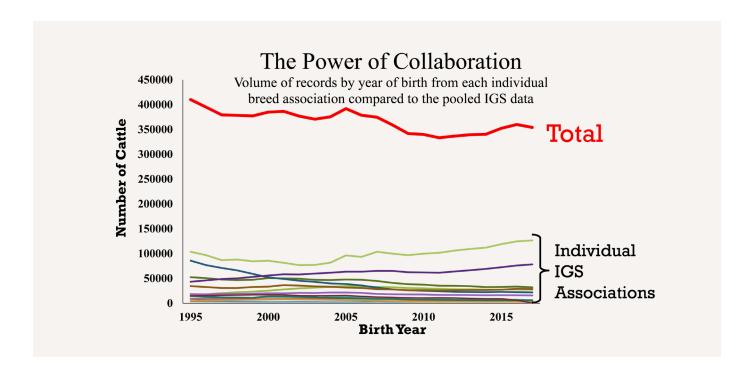
## What can I do to improve the predictions on my herd?

Whole Herd Reporting – If you haven't already, you should consider enrolling your entire herd with a breed association total herd reporting program as it offers the most complete picture of the genetics involved in your herd.

Proper contemporary groups – It is important for the genetic evaluation, that you group, to the best of your ability, animals that were treated uniformly. Proper reporting of contemporary groups ensures better predictions for all.

Take date collection and reporting seriously – Phenotypes are the fuel that drives the genetic evaluation. Take pride in collecting accurate data. If possible, try to collect additional phenotypes like mature cow weight, cow body condition score, feed intake and carcass data,

Use genomics – DNA testing adds more information to what we know about an animal. The more genotypes we collect, the better we can predict DNA-tested animals in the future. Also, the more relatives genotyped, the better we can predict their relatives in future generations. Therefore, to ensure your bloodlines are well represented in the predictions, genotype your animals.



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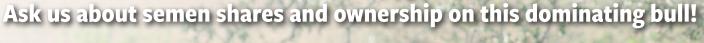


2019 Reserve National Champion **South Devon Bull** 



2020 National Champion South Devon Bull

## **JVM Easton 750E**





Poundmaker Bull



2017 National Champion South Devon Bull

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## Birth Weight Update for the Approaching Calving Season

Research study finds hoof tape correlates highly to scale weights but exhibits less variation

By Jackie Atkins, Ph.D., IGS Director of Science and Education

There has long been a stigma against hoof circumference for estimating birth weight; however, there are pragmatic reasons why hoof tape is a, sound alternative. Collecting scale weights at birth can be difficult for breeders due to labor constraints. It is known that some breeders are using hoof tape to estimate birth weight. Recently, International Genetic Solutions (IGS) and consulting scientists, Dr. Bruce Golden and Dr. Matt Spangler, delved into a number of potential improvements to genetic evaluation of growth traits including how to handle hoof tape records as a measure of birth weight in genetic evaluation.

Dr. Golden started looking at large numbers of records from herds known to use hoof tape or known to use scale weights. Golden used over 7,000 hoof tape records and 15,000 scale weight records and found hoof tape and scale weights have a high genetic correlation (0.92). As expected, hoof tape estimates for birth weight had less variation in the records resulting in hoof tape measurements with fewer extremely light or heavy birth weight estimated compared to scale weights (see graph).

What does this mean for seedstock breeders? Scale weights remain a gold standard for birth weight measurements. However, hoof tape measurements look like a very reasonable alternative. The Beef Improvement Federation (BIF) recently came out with the following statement. "The BIF recommends that organizations responsible for recording performance data require breeders who use a hoof tape to record birth weight to indicate that they have done so."

Remember, with both measurements, the economically-relevant trait is Calving Ease. The genetic correlation between hoof tape measurements and calving ease is not yet known but given the high correlation to scale weights, it is likely to be similar to the correlation between birth and calving ease.

As a reminder, for all phenotypic records, if animal measurements are missed for any reason, it is far better to leave the records blank than to fill in the blanks with guesses. Inaccurate records introduce noise to the genetic prediction that



The key for success is for the same person to do the measuring with the same tension on the tape every time. When it is cold, it is important to make sure the feet are not swollen when you measure them. Consistency is the key.

Jim Butcher

Gateway Simmentals

Long-time user of hoof tapes



## Tips when using a hoof tape:

- Measurements should be collected within 24-hours of birth.
- Place the tape around the coronary band (where the hoof meets the hide) of a front hoof, tighten, and read the measurement.
- **3.** There are two sides to the tape. One for bull calves and one for heifers.
- 4. Use the same method for all calves in a management group. Avoid collecting some weights with a scale and some with a hoof tape.
- 5. When turning in birth records to your association, if possible indicate if measurements are from a scale or hoof tape.





SAMPLING
What You Need to Know

By Leoma Wells, Strategic Account Manager, Neogen

I'm confident we've all heard the common phrase "just pull hair" when someone is asking about collecting a DNA sample on an animal. Well folks, it's time to ask around again because over the last few years there's a newer technique becoming wildly popular with producers. Tissue Sampling Units or "TSUs" as they're commonly referred to in the industry, are quickly taking over as the DNA sampling method of choice. If you haven't heard of TSUs yet or even if you're a current user, here's some tips, tricks and information you may find useful.

#### **Getting Started**

- You will need to order an Applicator (Fig. 1) and TSUs. Contact
  South Devon or your Neogen
  territory manager for more information.
  - Read or watch a video with the instructions on how to properly collect a TSU sample.



Figure 1

#### **Tips**

- If calf has been freshly tattooed, avoid the tattoo ink when collecting the sample.
- Verify there's tissue present in the TSU before releasing the animal. When in doubt, take another sample.
- If sampling the calf at birth, make sure to wipe the ear with a dry towel

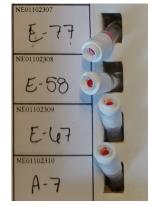


Figure 2

to ensure there's no DNA transference from the dam.

- When you get back to the office, check each TSU
   and ensure the tissue is submerged in to the buffer
   solution (liquid) inside the tube. At the lab we will
   sample the buffer solution to run the testing, not the
   tissue itself (Figure 2).
- You can store TSUs up to one year at room temperature.

#### **Tricks**

- Each TSU comes with an individual cutter. To eject the cutter pull the handles of the applicator apart before loading the next sample.
- Make sure you are noting down which animal was sampled. If you order the 10 count TSU boxes you're able to write the tag number on the box insert (Fig. 2).
- Get in the practice of sampling the calf at the same time as tagging it. You can take the TSU sample and then insert the dangle tag through the same hole. You can also order matched sets from Allflex that include a dangle tag, EID and TSU. dam.

Lastly, here's a few more considerations to take in to account when ordering DNA sampling materials so you'll be able to make the best decision for your operation.

All three sampling types mentioned are relatively easy for a producer to collect.

TSUs are currently the most efficient sample type for the lab to process, followed by blood cards. Hair samples are extremely inefficient for the lab to process; therefore, an additional fee is invoiced on all hair sample submissions.

Blood samples are not recommended for twins since they typically result in a sample failure, requiring the producer to submit another sample for testing. The producer would be invoiced for all costs associated with testing, not to mention the additional time required to collect and submit the new sample. Make sure to use TSUs or hair samples on twins.

TSUs and blood cards can be collected at birth. If you wish to use hair, it is recommended to wait for the calf to be at least 90 days of age.

Thus, after reading this article, you may be asking yourself, so why are we even discussing blood and hair cards as options if Neogen only wants producers to submit TSUs? The answer is simple. In the real world we realize there are circumstances that come about and are beyond your control. We also understand you're at the mercy of the situation and may need to improvise so it's imperative to be informed on the options. Being prepared and armed with knowledge when it comes to DNA testing will set you up for success. Therefore, to avoid getting yourself in a possible pickle, make sure to place an order for your DNA materials so you can have them on hand and at the ready when you need them. For more information on DNA sampling please reach out to your Association or Neogen territory manager for assistance.

Sample Type	Sample Failure Rate	Easy to Collect (producer)	Efficient to Process (lab)	Able to Use on Twins	Sample at
Allflex Tissue Sampling Units (TSUs)	*1.2%	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Blood Cards	*2.5%	✓	✓	X	✓
Hair Cards	*2.5%	✓	X	✓	X

<sup>\*</sup>Sample failure rates may vary based upon individual collection proficiency

# Born to LEAD

2019 NORTH AMERICAN
SOUTH DEVON JUNIOR ASSOCIATION
Junior National Show & Leadership Conference















Show Dedication: McClenathan Family, Brooklyn, Iowa

## THANK YOU SPONSORS



Herdsman of the Year: Emma Gnech Malin, Oregon



Heartland Challenge: Emilee White Wadena, Minnesota



#### NORTH AMERICAN SOUTH DEVON ASSOCIATION

## Youth Heifer Recipient

SHELBY KREBS

With a passion for beef cattle, Shelby Krebs, Little Falls, Minn., has her eyes fixed on the goal – to one day have her own cow-calf operation with 50 head of South Devon.

Krebs is the 2020 recipient of the North American South Devon Association heifer donated by Gnech Farms, Malin, Oregon.

"Shelby has been trying out the beef project for a few years, starting small but gaining speed," said Becky Moe, 4-H program coordinator.
"Shelby is a hard worker and truly values her livestock project animals."

"She shows great dedication to the beef industry," Moe added. Krebs is currently serving as the Mississippi Valley Cattleman's Association Beef princess, 4-H Youth Ambassador and is active with her church and National Honor Society.

"I only have a few years left of being able to show in 4-H and would love to show a registered South Devon," she said. "It would also help me by gaining good genetics in my herd."

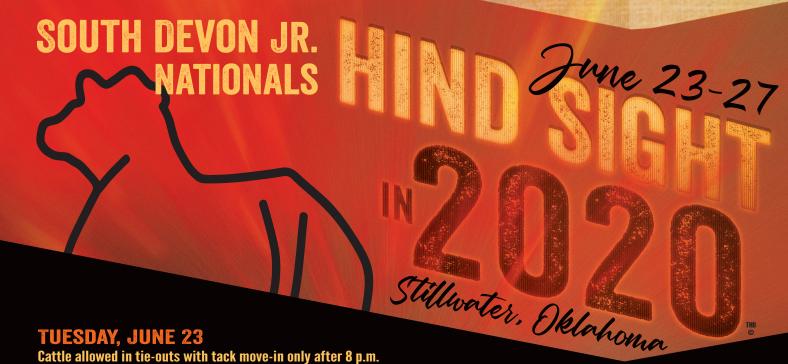
Future plans include pursuing a degree in farm business management.



2020 NASDA Youth Experience Heifer Recipient, Shelby Krebs, Little Falls, MN and the heifer she received from the Gnech family.



Shelby Krebs accepts the award for the 2020 NASDA Youth Experience heifer, pictured with the Gnech family, from left to right: Emma, Gino, Jacki and Hanna.



Cattle allowed in tie-outs with tack move-in only after 8 p.m.

#### **WEDNESDAY. JUNE 24**

Check-in of Cattle, Posters, Photography, Speeches, Family Pies 8 a.m.

8:30 a.m. **Exhibitor Meeting, Welcome** 

**Opening Ceremonies** 9 a.m.

Prepared Speeches, Impromptu Speeches, Marketing Contest, Quiz Bowl 9:30 a.m.

**Lunch and Family Pie Competition Judging** 12 p.m.

2 p.m. **Ag Olympics** 

#### **THURSDAY, JUNE 25**

**Breakfast** 8 a.m.

10 a.m. Bred-and-Owned Show: Heifers, Cow-Calf Pairs, Bulls and Steers with Showmanship to follow

12 p.m. Lunch

**Judging Contest** 2 p.m.

3 p.m. NASDJA Meeting followed by Election of NASDJA Officers

**Dinner followed by Barnyard Games** 5:30 p.m.

#### **FRIDAY. JUNE 26**

8 a.m. **Breakfast** 

10 a.m. **Oklahoma State University Tour and Lunch** 

2 p.m. **Adult Costume Showmanship** 

**Talent Competition** 3 p.m.

Dinner and Dance with Music by Quin Peterson and the Dirt Road Detours 6:30 p.m.

#### **SATURDAY, JUNE 27**

8 a.m. **Breakfast** 

10 a.m. Owned Purebred and Poundmaker Shows: Heifers, Cow-Calf Pairs, Bulls and Steers

**Awards Banquet and Closing Ceremonies** 6:30 p.m.

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**ENTRY DEADLINE Sunday, June 7** 

ENTRY FORMS http://southdevon.com/juniors.html

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#### 2019 WORLD SOUTH DEVON SOCIETY

## New Zealand

#### YOUTH AMBASSADOR EXCHANGE

By Travis Moniz, Princeton, California,

2019 NASDA Youth Ambassador

I am so honored to have had this opportunity to learn about New Zealand and the South Devon breed in detail, from the studs of the cows and bulls to learning how they feed and operate on a daily basis. From meeting the people that I met and stayed with, to lifelong friends. I look forward to the future, to go back in a couple of years to revisit and tour the same studs and look forward to seeing their progress and growth. I was honored to represent the USA and the North American South Devon Association, and share how we feed, breed and show our cattle the American way. I look forward to the future and with this experience felt I came back to the United States a more wellrounded cattlemen and marketer of the South Devon breed, which I truly believe in. Thank you to the North American South Devon Association, World South Devon Society and Cattle Society of New Zealand for making this dream a reality.









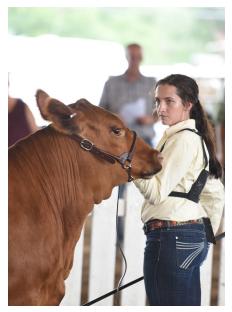




I appreciated my time with my amazing host families. They have each taught and shown me new things and enhanced my learning of farming practices in other parts of the world. I am glad to have my horizons broadened and I will forever hold these memories and times close to my heart. Cattle are my passion and my future, and this has been a dream come true.

**Travis Moniz** *Princeton, California*2019 NASDA Youth Ambassador

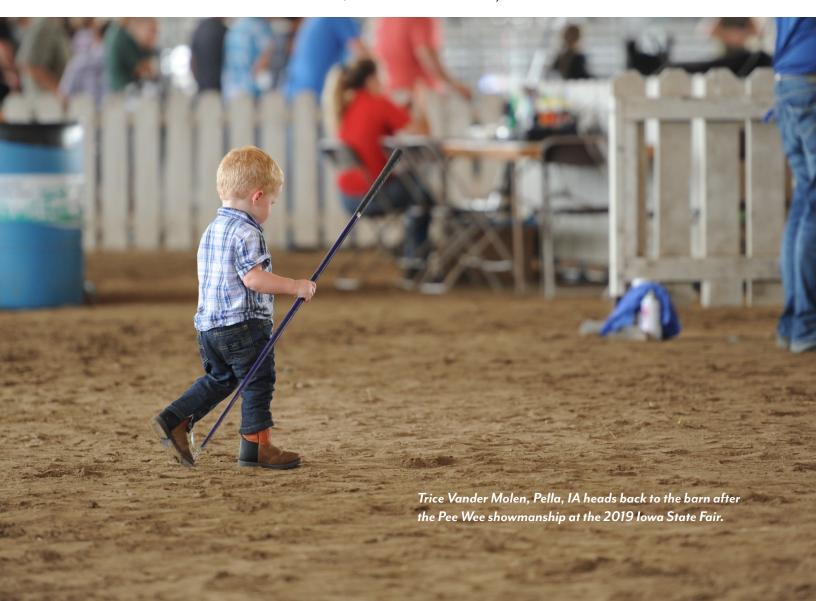
## **FACES & PLACES**



Emilee White, Wadena, MN competes at the 2019 Iowa State Fair.



Northern States South Devon Association members gathered at the White Farms in Wadena, MN for their annual field day and tour.



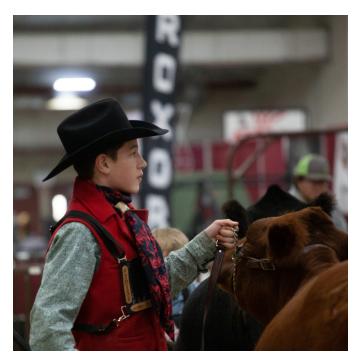
#### **FACES & PLACES**



Mason Grams, Buffalo Lake, MN receives the congratulatory hand shake at the 2019 Minnesota Beef Expo South Devon junior show.



NASDA Youth Ambassadors, Jaylene Young and Jillian Kniep.



Chace Terry, Winchester, KS exhibits in the junior showmanship competition at the 2019 Northern International Livestock Exposition, Billings, MT.



2019 Iowa State Fair Showmanship winners: Front row: Emilee White, Emma Gnech, Jaelynn Smith, Lane Kitzmann and Payson Witt. Back row: Brady McClenathan, Layle McClenathan and Ciera Steinlicht.



Wade Kramer, Columbus, MT took home Junior Showmanship honors at the 2020 National South Devon Show, Denver, CO.

#### **FACES & PLACES**



Levi Kramer, Columbus, MT competes at the 2019 Northern International Livestock Exposition.



Competition is strong during the 2019 senior showmanship competition at the Northern International Livestock Exposition.



Junior board members and ambassadors Jaylene Young, Kyle Stranberg, Travis Moniz, Emma Gnech and Jillian Kniep at the 2020 NASDA banquet.



Joel Popken, Swanville, MN and Travis Schlosser, Miltona, MN at the Northern States tour.



Brady McClenathan, Brooklyn, IA volunteered his services as auctioneer of the 2020 NASDA Benefit Auction at the National Western Stock Show.

#### IN REMEMBRANCE

## Hannah Rae Fouts

2000-2020

On Friday, March 6, 2020 Bruce, Bobbie and Wyatt Fouts lost their beloved daughter and sister and the South Devon family lost a cherished, junior member, friend and mentor.

Hannah Rae Fouts, 19, of Westmoreland, Kansas passed away at the University of Colorado Neurological ICU after complications due to severe blood clotting in her brain.

Hannah was born November 24, 2000 to Bruce and Bobbie (Reutzel) Fouts in Topeka, Kansas. From a young age Hannah was the center of joy and pride in her family. Her warm smile and beautiful laugh became a reputation. Hannah graduated in 2019 with honors from Rock Creek High School.

Hannah had a very active high school career. She was a Rock Creek Chapter and a Northeast District Officer in FFA and was a third generation FFA member. Hannah also was a member and office holder in 4-H, FCCLA, FBLA, and a member of the National Honor Society. Hannah showed cattle and horses from a young age. Following her love of livestock, she became a South Devon Junior National Officer. She played volleyball and was the softball team manager. Hannah spent her summers working as a lifeguard and taught swimming lessons. She was also a varsity cheerleader in both junior high and high school. An accomplished seamstress, Hannah won many awards at the County and State Fairs as well as the state Make it With Wool contest. She was an avid flute player in the Rock Creek band and was first chair.

Hannah loved working with and touching the lives of children. This passion, accompanied by inspiration she found in her beloved Vo-Ag teacher Mr. David Holliday, was the driving force behind her decision to become an agricultural education teacher. During her time spent out west showing cattle Hannah fell in love with the State of Wyoming and chose the University of Wyoming as her collegiate home. Hannah loved her time as a TA for



Mr. Holliday and volunteering at the grade school. She was always willing to help 4-H members with their calves or projects.

Hannah was a notorious hard worker. Hannah cooked and sold meals at the local farmers market to pay for the Santa Fe Trail Trip. Hannah would clean her grandmother's house to pay for her flute lessons. Animals held a special place in Hannah's heart. She has had 24 cats, a spoiled rabbit, a donkey, her horse, show cattle, and her beloved dog and companion "Bandit" who followed Hannah to Wyoming. Hannah had many names and was known as "Short Grub", "Hannah Banana", "Youngbuck", "Princess Flower", and "Tinker Bell". No matter whom she was talking to, and what they might call her, she was an inspiration and loved by all.

As a freshman at the University of Wyoming, Hannah was active in collegiate activities, and a member of Sigma Alpha Sorority. Hannah was diligent and obtained several scholarships to pay for her first year of school.

Hannah is survived by her parents, Bruce and Bobbie Fouts, Westmoreland, Kansas; her brother, Wyatt Fouts (Adrianne), Hutchinson, her grandmothers, Geraldine

Fouts, Westmoreland, and Lillian Reutzel, Lincoln, Nebraska; her special friend and aunt, Kim Fouts; her adopted brother, Zach Havenstein; her beloved dog, Bandit; and numerous other aunts, uncles, cousins and friends. Hannah was preceded in death by her brother, Levi Fouts and grandfathers, Justin Fouts and Ardell Reutzel.

Hannah was a freshman at the University of Wyoming majoring in Agricultural Education, Veterinarian and Animal Science. Memorials can be sent to the Kansas FFA Association or the University of Wyoming Ag Department.



Excerpts from a letter Hannah wrote to NASDJA June 6, 2019 prior to the Junior National:

"As you look around at all the cattle, the chores to be done yet today, and all the friends beside you in lowa, I want you to take a second and relax. What has either been a huge part of your entire life, or maybe it is something you are trying for the first time this year; cattle showing will be here and gone before you know it. I have had so much fun learning, showing and growing these last two years as a cattleman and as an individual. This organization has taken me to different places throughout the nation I would have never dreamed of, helped me establish new friendships and connect with so many people. Although, I am starting something new and exciting, I will never forget the joy NASDJA and all the members have brought me."

"Dar, thank you for all the hugs and the positive environment you create anywhere you are. Thank you, Lynn, for the long conversations and showing true motherly instinct to all of us junior members. Mrs. Steinlicht, I don't think I have ever once saw you without a smile on your face, no matter what time of day. Mr. Steinlicht, for all the laughs along the way. The barn wouldn't be the same without your positive attitudes and pushing everyone,

Mr. & Mrs. Stranberg, and your comedic relief Mr. Terry reminds us to take a moment and realize that showing isn't always chores and hard work, but also fun. I enjoyed learning so much from Wyatt and Marv. Jo, thank you for being a mother away from home and on the road to me and many others. And last but not least, thank you Lou and Chad for starting this chapter in my life, for giving me all of these unique experiences, taking me on the road and guiding me on this bumpy path. Thanks for equipping me with the tools to grow as a cattleman and blossom into the person I am today."

"Cherish the moments you have, because you never know when your last moment will be."

## Hannah Fouts





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Layne Elkington (Cell) 208-681-0765

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BAYAREANEUROPSYCHOLOGY.COM

## Utah

#### **BUCHANAN RANCHES**

ROCKY BUCHANAN 745 SO CANAL RD VENICE, UT 84701 ROCKYBUCHANANI@YAHOO.COM

### Vermont

#### CIOFFI CATTLE COMPANY

KYLE CIOFFI
31 CLYDE ALLEN DRIVE
ST. ALBANS, VT 05478
802-935-5781
KLCIOFFI@YAHOO.COM

## Virginia

#### KIBLER FARMS

NICOLE KIBLER
13582 SOUTH MIDDLE ROAD
EDINBURG, VA 22824
540-325-8187
NKIBLER@KSU.EDU
HERD PREFIX: NDK

## Washington

#### X-E STOCK RANCH

LEE & CONNIE ENGELHARDT
8354 RD 16 NE
MOSES LAKE, WA 98837
509-766-0161
XESOUTHDEVON@ADESSAOFFICE.COM
HERD PREFIX: XE

## Wisconsin

#### **LANCE A BRANTNER**

N4524 710TH ST ELLSWORTH, WI 54011

651-214-9918

HERD PREFIX: LAB

#### **ABE & RENEE FICK**

W233170TH AVE

MAIDEN ROCK, WI 54750

715-495-1956

AFCATTLE1@YAHOO.COM

HERD PREFIX: FC

#### **KNN FARMS**

KURT & NETTIE NELSON W5137 290TH AVENUE BAY CITY, WI 54723

715-594-3805

NETNELS@BEVCOMM.NET

HERD PREFIX: KNN

#### **VALLEY HILL FARM**

TODD LEONARD N4524 710 STREET ELLSWORTH, WI 54011

715-273-4520

TDLEONARD@LIVE.COM

HERD PREFIX: VHF

## **International**

#### DIAMOND M SOUTH DEVON

**ELSIE BEDDOES** 

BOX 389

DUCHESS AB CANADA TOJ O2O

403-566-2467

DMRRANCHING@GMAIL.COM

HERD PREFIX: DMS

#### HIGH CHAPPARAL RANCH

**BARRY & GLORIA BIGALKY** 

**BOX 68** 

LIPTON SK CANADA SOG3B0

306-336-2666

HIGHCHAPPARAL@SASKTEL.NET

HERD PREFIX: HCR

#### HLUSEK FARMS, INC.

ADAM & HEIDI HLUSEK

PO BOX 4651

WILLIAMS LAKE, BC CANADA V2G 2V6

250-659-5708

HLUSEKFARMS@GMAIL.COM

HERD PREFIX: HLU

#### SAMPSON MCGREGOR STOCK FARM

**RALPH MCGREGOR & B G SAMPSON** 

**GENERAL DELIVERY** 

IRON RIVER AB CANADA TOA2A0

780-826-7077

SMS@XPLORNET.COM

HERD PREFIX: SMS

#### MISSOURI COTEAU CATTLE COMPANY

**GARY JONES** 

**BOX 38** 

CRANE VALLEY, SK, CANADA, SOH 1BO

306-631-6274

JONESRANCH@LIVE.CA













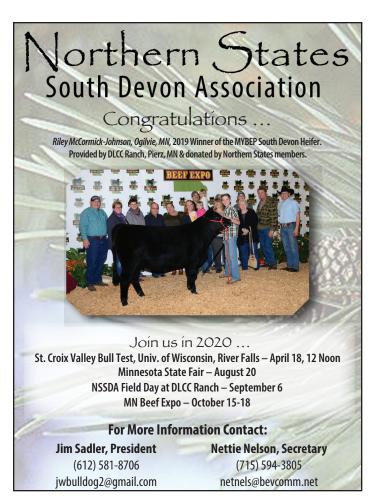








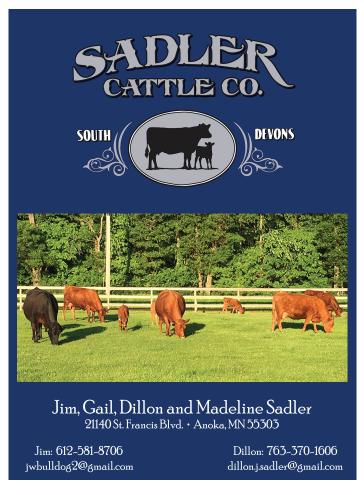


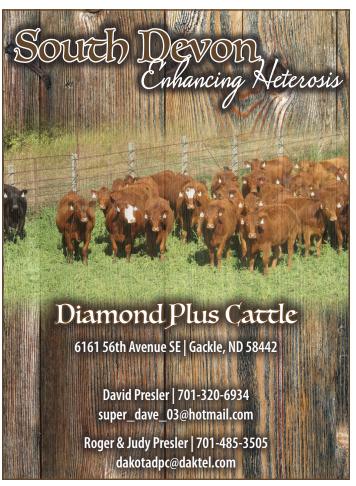




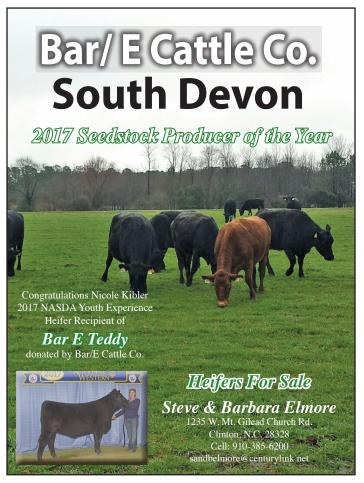


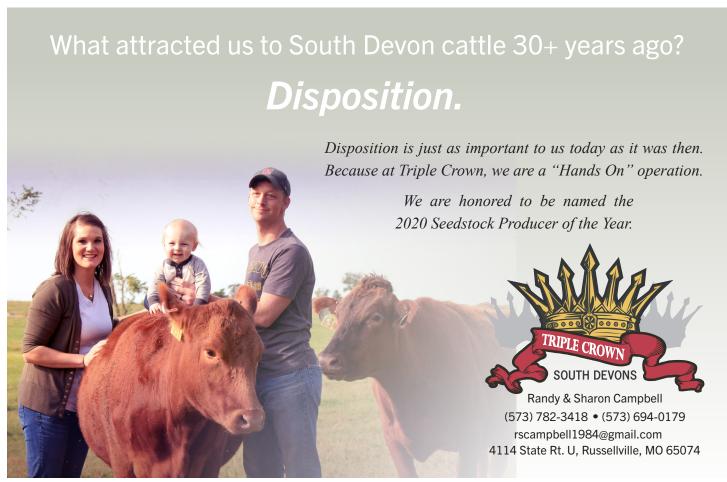














# PROFITABLE ENGLISH OUTCROSS

- HIGH MILK PRODUCTION
- HIGH MARBLING POTENTIAL
- TENDER, FLAVORFUL PRODUCT
- HIGH QUALITY & YIELD GRADES
- EXCEL IN FEED EFFICIENCY

Statements according to U.S. Meat Animal Research Center Data

Dave Nichols Nichols Farms Bridgewater, Iowa "We find that from a carcass standpoint, our purebred South Devons are high quality when it comes to marbling and similar to our Simmental/Angus F1 hybrids when it comes to cutability. South Devons add a lot of heterosis when crossed with Angus and we are using them extensively to make hybrids and composites."

## **NICHOLS SUPERIOR BEEF GENETICS**

## We've Come A Long Way Since 1998

Profit driven cow/calf operations that wanted to add high levels of heterosis, fertility, low feed intake, and high weaning weights found that South Devons' delivered as promised. In the feedlot, heterosis, lower feed intake, and superior carcass merit, especially marbling and tenderness, are compliments of the South Devon breed.

Nichols Farms has added elite Purebred dams and purchased powerful high performing sires and retained the very best of our own sires —dave nichols





Nichols Majestic Y808 (203588) exceptional muscle and body mass combined with his top 10% Weaning wt, Scrotal and Yearling wt. EPDs.

He's sound, moves like an athlete and tolerates Fescue pastures. His problem free daughters are Magnificent.

Real Cowboys love his eye appeal.

BW	WW	YEAR	MILK	MWW
+3.8	+73	+108	+.21	+.57
FAT	RE	MAR	RY%	CW
+0.06	+.12	+1	-0.1	+25.4

NFL Untouchable DSC042 (208337) is a Trait Leader for Wean and Year wt. He's average for Birth wt. and in the top 33% for nine out of ten of all the other traits. He's homo polled and black. His dam's "can't miss pedigree traces to Cimarron Rebel 941W and BC Progress 315U Owned with Neil Hagger, Australia

WWBWYEAR MILK MWW +2.0 +71 +125 +28 +63 **FAT** RE MAR RY% CW+63 0.00 +.19 +.19 +47

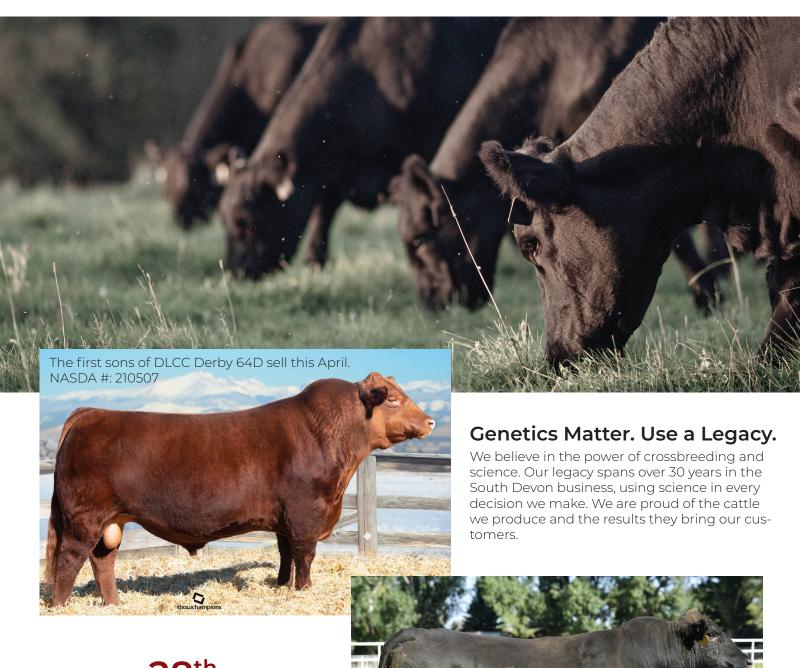


2188 Clay Avenue Bridgewater, Iowa 50837



office 641-369-2829 home 712-762-3810

# DLCC RANCH SOUTH DEVONS | POUNDMAKERS | STABILIZERS



# 28<sup>th</sup> ANNUAL PRODUCTION SALE

Saturday, April 25th | 3 p.m. At the ranch near Pierz, MN

Sale hosted online by Superior Productions Selling 60+ Bulls and 30+ Females New IGS calculated EPD's