



SANTA GERTRUDIS

USA

SEPTEMBER 2013 | VOLUME 16, NUMBER 9



SANTA GERTRUDIS PERFORMANCE ISSUE

Santa Gertrudis



The Preferred American
Beef Breed



ALABAMA CONNECTION

Santa Gertrudis Production Sale



2012 National Champion Female **Miss TT 336** sells with her May 2013 heifer calf sired by 2011 National Champion Bull Hatchetman and sells bred back the same way! Also selling will be a full sister to 2012 National Calf Champion female Sparkles!



TF 136 is one of a group of very Stout bred heifers selling. She is a daughter of TF 605, a half brother to National Champion Hanna Montana and sells bred to TF 0150, a son of Briggs 567 the sire of National Champion Sledge!



TF 309 is a January 2013 daughter of TF 605, out of a daughter of Kubecka 47. Big Time Show Prospect!



TF 636's pedigree is a who's who, including Hatchet, Hammer, Miss Reno and Mars. She sells with heifer calf born April 2013. Sired by Billy Ray 337, a son of Hanna Montana, and sells bred back to National Champion Bull Hatchetman.

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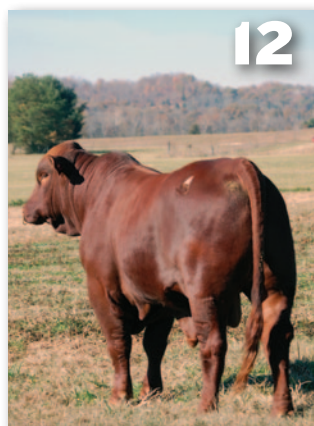
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Santa Gertrudis USA (ISSN-10985026, USPS-013-876) is published monthly for \$30.00 US by *Santa Gertrudis USA* located at 480 Jason Rd., Ft. Collins, CO 80524. Periodicals postage paid at San Antonio, Texas and additional mailing offices. POSTMASTER: Send address changes to: *Santa Gertrudis USA*, 480 Jason Rd., Ft. Collins, CO 80524. Subscriptions: \$30 U.S. per year for all subscriptions to the U.S. and her possessions. First class subscriptions in the U.S. are available at \$50. Foreign surface mail subscriptions are \$30. Foreign airmail subscriptions are as follows: Mexico/Canada - \$60, Central America & South America - \$100, Europe and all others - \$110. We accept Mastercard, VISA and Discover. Materials in *Santa Gertrudis USA* may not be reproduced without the permission from the publisher.

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King Ranch, Kingsville, Texas. Photo by Darren Richmond.

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014

014 is a polled son of Creel 344. He is Clarendon 740 and Christmas on top and Pay Day and Geronimo on the bottom. He has tremendous depth and thickness with an excellent sheath.



331/9

331/9 combines Missile and Lariat on top with Hatchet and Big Chief on the bottom. She sells with a heifer calf born 3-18-13 by Polled Chief 508. She sells bred to 014.



014 and 331/9 are examples of the quality we are consigning to the 25th Anniversary Sale. We have consistently brought our best and this year is no exception.

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Ramblings from the Open Range

EXECUTIVE DIRECTOR'S REPORT

By John Ford

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DNA technology, initially utilized in the livestock industry to prove parentage, determine coat color or test for genetic defects, is now firmly established as a valid tool allowing users to identify genetically superior beef cattle, assess their genetic potential at a young age, and obtain data on traits that are either difficult or expensive to measure. The advancements that have been made in the field of genetics have resulted in the identification of gene markers capable of pinpointing the location, or proximity, on the chromosome of individual genes that control economically important traits in beef cattle.

The American Angus Association was the first to recognize that incorporation of genetic technology into their evaluation efforts strengthen the breed's expected progeny differences (EPDs), providing cattlemen with highly accurate, technologically advanced herd sire and replacement female selection tools. The American Angus Association introduced genomic-enhanced EPDs in 2009, and the American Hereford Association soon followed suit. Numerous other breed associations are in the process of incorporating genomics into their animal evaluations, and industry experts agree that in order to remain viable and competitive breed associations must introduce genomic-enhanced EPDs to their selection toolboxes. The SGBI Performance Committee concurs with the assessment and has received \$10,000 in funding from the Santa Gertrudis Foundation for use in starting the Santa Gertrudis genomic-enhanced EPD development process.

So, how will genetic technology be incorporated into the breed's EPDs and, more importantly, how does it benefit Santa Gertrudis cattle and SGBI members? The development of genomic-enhanced EPDs relies on single nucleotide polymorphisms or SNPs (pronounced "snips"). Basically,

SNPs unlock information about genetic influences on traits. The process requires the use of a 50K High-Density SNP Chip, which is simply a collection of microscopic-labeled DNA spots attached to a solid surface with florescent staining. DNA is cut and incubated on the SNP Chip. The Chip lights up when matches have been identified, thus giving an animal's genotype at the SNP of interest. SNPs can be compared to determine the "genomic relationship" between animals. The "genomic relationship" is then used to update the "pedigree relationship," which in turn links genotyped animals to the base population, allowing calculations to be made that result in genomically enhanced EPDs.

All that being said, I remind myself I don't need to understand the science behind satellite and microwave technology in order to use a cell phone. I know a cell phone is a useful tool that provides value. The same is true about genomic-enhanced EPDs. One does

In order to remain viable and competitive, breed associations must introduce genomic-enhanced EPDs to their selection toolboxes.

not need to fully understand the science behind it, but simply needs to understand that genomic-enhanced EPDs will allow Santa Gertrudis breeders to assess the genetic merit of animals at a younger age, permitting genetic goals to be reached quicker. Also, genomic-enhanced EPDs better measure those traits that are difficult or expensive to measure, such as stayability, docility and feed efficiency – areas where we know our breed excels. The ability to provide our commercial customers with accurate and timely information in an improved genetic package increases the value of our product. Under the guidance of the SGBI Performance Committee, Livestock Genetic Services will initiate a sire genotyping project later this fall, identifying 100 high accuracy EPD sires with a close degree of relation to animals currently active that cover as many pedigrees as possible. These sires will be genotyped with a 50K High-Density SNP Chip, and the information will serve as the foundation of the SGBI breed-wide genomic prediction test from which genomically enhanced EPDs will be calculated. The incorporation of genetic technology into SGBI's animal selection toolbox reaffirms our commitment to providing our customers with a profitable genetic package. 🍷

SGBI ANSWERS YOUR

Questions

By John Ford, Executive Director

Q. Why is work held when credit card information has been supplied to SGBI in the past?

A. There are a couple of reasons that work is not being processed, even though members have provided credit card information for past transactions. In an effort to update files, the credit card information transferred from the American Beef Records Association at Kansas City, Mo., wasn't placed into the new accounting system. Members were asked to verify and update credit card information when the change occurred. If there hasn't been any activity on a member's account since the summer of 2012, credit card information was destroyed, is no longer on file and must be updated. Transactions are also put on hold when a card is expired. Don't forget to update credit card information with Diana Ruiz at SGBI when a card has reached its expiration date and is renewed. 🍷

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Down the Road

PRESIDENT'S LETTER

By Curtis Salter

(850) 957-4409 | salterfarms@att.net

Recently, my wife and grandson traveled with me to the Kentucky National Sale. Good cattle, good people and good facilities make for a good sale, and this time was no exception. I always enjoy the

fellowship and the sale at Kentucky.

My heart has always been in marketing and promoting Santa Gertrudis cattle. I know on my farm (and I think most other breeder's farms), we can't make it by trading cattle within the registered circle. We must have the commercial cowmen using our cattle. EPDs are a necessity and one of the best marketing tools of all time. They're a must in the commercial business. The first question we're always asked is about low birth weight; the second is about weaning weights. Low birth weights and high weaning weights are also a must.

One of the most important genetic traits, in my opinion, is feed efficiency – the ability to convert a small amount of feed into a pound of beef. Whether you are a cow-calf producer, stocker operator or feeder, profitability is influenced by feed cost. Feed is a major production cost, so it goes without saying that improving feed efficiency can result in substantial savings for beef producers. Data also suggests that feed efficient animals have the ability to pass on that efficiency trait to their progeny. Those of us that breed and feed Santa Gertrudis know from experience that our cattle are extremely efficient, but sharing this message with the commercial sector of the beef industry requires more than our observations and testimonials; needed is sound, scientific, non-biased data collected by a third party. The tools needed to accurately collect valid feed efficiency data, allowing us to market our breed in commercial sectors, are now available at the Genetic Development Center (GDC) in Navasota, Texas. GDC has the ability to deliver individual feed efficiency data through new feed intake technology that measures residual feed intake (RFI), identifying efficient animals that eat less. RFI is collected as part of traditional testing at GDC.

In mid-August, Bill Lundberg, Lundberg Cattle Services, Russellville, Ark.; and John Ford, SGBI executive director, met with the staff at GDC and discussed the possibility of incorporating a SGBI bull test into the GDC's upcoming fall test. Currently, Lundberg and Ford are working with GDC staff on the development of a special rate for SGBI bulls fed during the fall test. Thirty-six head of Santa Gertrudis bulls are needed to qualify for special association rates. Turn-around time is short; cattle will be received for the November test Oct. 9-10, 2013, and the test will start Nov. 1, 2013. This is a great opportunity of our association. We know our cattle are feed efficient, and testing at one of the most advanced feed efficiency facilities in the U.S. will show the industry what the Santa Gertrudis breed has to offer. For more information, check the GDC website at www.geneticdevelopmentcenter.com or contact John Ford at (361) 592-9357.

Until next time, God bless. 🙏

Psalm 37-23: The steps of a good man are ordered by The Lord: and he delighteth in his way.

Membership Directory Coming Next Issue!

The October issue of *Santa Gertrudis USA* will include the annual membership directory, making this issue a year-round reference and breed promotional piece. Don't miss out on your opportunity to be a part of this big book.

Contact Darren Richmond at (423) 364-9281 or djrichmd@aol.com for details. 🙏

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Coming With Our Best

Sept. 28, 2013

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167/Z

A Liberty Ranch 45/215 daughter with a February daughter sired by CSC Fred 8-5. She needs a halter put on her.

	BW	WW	YW	M	TMat	CW	Mar	BF	REA
COW	0	-9	-9	-3	-7	-14	-.02	-.01	-.03
CALF	1	6	12	0	7	6	.03	0	-.04



247/Z

A long bodied, straight lined, good milking cow with a straight, stylish polled heifer calf, sired by CSC Fred 8-5.

	BW	WW	YW	M	TMat	CW	Mar	BF	REA
COW	.5	0	5	-9	-1	-.02	0	-.01	
CALF	2	12	20	-4	3	12	.03	0	-.03



This CSC Fred 8-5 bull calf is a future herdsire. The cow is a tremendous producer. Sired by Harris 62/4, a Habanero son and out of a daughter of Silva 320/1. Another son is a herdsire for Dr. Victor Sancho, Sulphur Springs, Texas.

	BW	WW	YW	M	TMat	CW	Mar	BF	REA
COW	0	10	15	7	12	4	-.01	.03	-.05
CALF	.8	17	24	5	8	14	.03	.02	.06

Also consigning a pen of polled, open yearling heifers sired by Harris 81/0.

GARY HARDING

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NITRATE TOXICITY AND PRUSSIC ACID POISONING – SIMILAR, BUT DIFFERENT

By Randy L. Stanko, Ph.D. | Texas A&M University-Kingsville



It has been a long, hot, and – in some parts of the U.S. – dry summer. In my part of the country, isolated areas produced decent Sudan grass hay earlier in the summer, but in late July many farmers were baling drought-stricken sorghum fields, which prompted me to review these two grazing/haying hazards. Two potentially dangerous toxicants that can cause major problems in livestock are nitrate (NO_3) and prussic acid

(HCN). These two compounds are very different, but result in similar symptoms in cattle – lack of oxygen received by body tissues. Moreover, similar environmental conditions can cause similar plants (including Sudan grass, sorghums and Johnson grass) to produce NO_3 and HCN. Any weather condition (stress) that reduces plant growth may cause these plants to accumulate these compounds. The major stressors of plants are drought and freeze damage. Since freeze damage is less likely to occur with Sudan grass, sorghums, Johnson grass and corn, severe drought is the greatest culprit. However, with heavily fertilized forages that grow during the cooler months like oats, rye and wheat, and many forbs (weeds), we must be aware of cool weather spells, cloudy days and freeze damage.

It has been known for more than 100 years that in Sudan grass and sorghums there exists two compounds: sugar plus HCN and an enzyme that can separate the two. In nature these two compounds are located in different compartments within the plant. During drought conditions (stress or freeze) the individual plant produces more sugar plus HCN. Any mechanical damage to these plants – like chewing by cattle or cutting and crimping by hay equipment – or a hard freeze (break cell walls) allows these two compounds to get together and free HCN is released. If cattle eat or graze plants containing HCN, or are participating in the plant damage process, HCN will be released within the rumen and then absorbed into the bloodstream. Prussic acid prevents body cells from utilizing needed oxygen, thus the animal dies from lack of oxygen at the cellular level even though the blood-

stream is oxygen rich as can be observed in the bright red blood of cattle affected by HCN poisoning.

Nitrate toxicity should actually be called *nitrite* toxicity because that compound is what rumen microbes produce from nitrate, and nitrite is what the cow absorbs into the bloodstream. All plants contain some nitrates, but Sudan grass and sorghums have potential to accumulate more, especially when nitrate uptake by the plant is more than it needs to produce protein – like during a drought. Once in the blood, nitrite oxidizes the ferrous iron in hemoglobin to ferric iron, resulting in production of methemoglobin. Hemoglobin is a metalloprotein (metal plus protein) that exists in red blood cells and is what actually carries the oxygen. The problem with the blood transporting methemoglobin, rather than hemoglobin, is that oxygen can't be delivered to body cells. Thus, similar to HCN poisoning, cells have no oxygen to function. However, in the case of nitrate toxicity, the animal's blood exhibits a "classic symptom" of being chocolate brown in color and is void of oxygen.

These two compounds are very different, but result in similar symptoms in cattle – lack of oxygen received by body tissues.

Important Points to Remember

Young plants will contain more HCN and nitrate than older plants. Excess fertilizer application can potentiate both HCN production and nitrate accumulation. There is more HCN stored in the leaves than in the stems of the plant, and the younger the leaf, the more HCN during stress conditions. In contrast, nitrate is found mainly in the stalk of the plant and less in the leaf and grain. Crimping and sun-curing of Sudan grass and sorghum hay will reduce HCN amounts because HCN can evaporate. Nitrate amounts will remain after harvest and sun-curing of hays; only ensiling can reduce nitrate levels (20-50 percent). There is no reliable method to test for HCN. Forage and hay samples, if collected properly, can be accurately tested for nitrate. Contact your local or regional extension educator or specialist for further information on testing for nitrates and/or additional grazing management practices to minimize the risk of either situation. ☔

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WEDNESDAY - OCTOBER 9, 2013

- 10am - 39th Annual Bull Sale
- 5pm - Quarter Horse Sale
- 6:30pm - Social, Supper & Celebration
- 7:30pm - Semen and Embryo Sale

THURSDAY - OCTOBER 10, 2013

- 10am - ALL Red Angus & SimAngus™ Female Sale

FRIDAY OCTOBER 11, 2013

- 10am - ALL Black Angus & Simangus Female Sale

OCTOBER 9, 10 & 11 2013

At the Ranch. **THROCKMORTON, TX**

BROWN JYJ Redemption Y1334
ARA# 1441805



Mark Sneed

Reference Sire

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Reading, Understanding and Using Santa Gertrudis EPDs

SGBI Members have access to the greatest amount of cattle genetic information on Santa Gertrudis in the history of managed animal breeding.

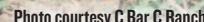
EPDs are simple to understand and easy to use if one key word is kept in mind: *difference*. Comparing EPD values of Santa Gertrudis cattle allows the user to easily see differences in animal performance. Let's look at an example: A cattleman is marketing his calves at weaning and is interested in increasing the weaning weight of his calf crop. He has a choice of purchasing Bull A with a +30 pound weaning EPD or Bull B with a +10 pound weaning EPD. The weaning EPD difference between the two bulls is 20 pounds (30 pounds - 10 pounds = 20 pounds). Therefore, the cattleman could expect Bull A's offspring to weigh, on average, 20 pounds more than Bull B's offspring when bred to his cows. Simple enough, so let's go one more step. EPDs are presented with a corresponding accuracy value, designed to measure the strength of the relationship between

All the major breeds have EPDs, but they don't necessarily measure all of the same traits, and some breeds now report well over 20 EPDs. There's concern that an overabundance of EPDs, selection indexes and other tools can result in information overload for the commercial cattleman, making selection decisions harder rather than simpler. SGBI currently reports nine traits with on-going work for trait No. 10. In my opinion, SGBI has identified the economically important traits and reports the information needed for profitable selection decisions to be made in a producer-friendly manner; there is no information overload, but instead the correct amount of sound, usable data. I like to group these nine traits into three categories: growth, maternal and carcass.



Birth Weight (BW) EPD predicts the difference in pounds for birth weight. BW is the best indicator of calving ease. Research has documented that most calving difficulty is caused by heavy calves at birth. Therefore, many producers look for negative or low BW EPDs. For example a -1.5 pound EPD

CONTINUED ON PAGE 14 ►



Corporron Acres

A Proud Partner of the 36th Annual

Tri-Star Santa Gertrudis Sale

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indicates that the calf's birth weight is 1.5 pounds less than the average Santa Gertrudis calf, while a +1.5 pound EPD indicates the calf's birth weight is 1.5 pounds heavier than the average Santa Gertrudis calf.

Weaning Weight (WW) EPD predicts the difference in pounds for weaning weight; adjustments are made for the age of the dam and adjusted to a standard 205 day-of-age. The WW EPD accounts for the genetics for growth provided by the sire and dam as well as some of the genetics for the maternal ability of the dam.

Yearling Weight (YW) EPD is an important growth trait EPD, but I must admit that unless a producer is holding on to the calf crop for grazing or growing prior to shipping to the feedlot, YW doesn't seem to hold the importance that BW and WW do for many producers. This is a good opportunity to point out that each beef producer has different needs, and emphasis should be placed on traits that are the most economically important for his or her production scheme. YW predicts the expected difference in pounds for yearling weight adjusted to a standard 365 day-of-age. YW is a good indicator trait for carcass weight or mature weight.

Santa Gertrudis females and Santa Gertrudis-influenced females have long been recognized for their outstanding **Maternal Traits**, and there is a growing demand for replacement females. **Milk (MM) EPD** predicts the maternal effect that female progeny will have on the weaning weight of their calves (separate from the genetics for growth that the female transmits). This is a measure of pre-weaning performance, i.e. pounds of calf attributed to the milking ability of a sire's daughter. **Total Maternal (TMAT) EPD** includes the daughter's MM EPD plus half of her genetic contribution to her calf's weaning weight EPD ($MM\ EPD + \frac{1}{2} WW\ EPD = TMAT\ EPD$). With our potential to market replacement females, these are numbers that I feel are well worth watching. However, environmental nutritional constraints should be considered when looking at MM.

Data collected from the National Steer Feedout and numerous other feeding trials have resulted in SGBI having an extremely large and strong **Carcass Trait** data set. **Hot Carcass Weight (HCW) EPD** predicts the differences in hot carcass weight and



is expressed in pounds. **Rib Eye Area (REA) EPD** predicts differences of carcass rib eye area between the 12th and 13th rib in square inches. **Marbling (MARB) EPD** predicts differences in U.S. Department of Agriculture (USDA) marbling score, which determines USDA Quality Grade in young cattle. Higher marbling scores are positively correlated with higher carcass quality grades. The **12th Rib Fat Thickness (FAT) EPD** predicts the differences in inches for carcass fat over the 12th rib. Increases in fat thickness have a detrimental effect on Yield Grade. In the near future, SGBI will be releasing a tenderness EPD based on Warner-Bratzler Shear Force data collected from National Feedout harvest information.

One last caveat that needs to be discussed are breed averages. Because of selection that results in genetic changes (hopefully improvement) over a period of time, breed averages are not zero. Averages are calculated in relation to the average for a base or starting year at which point the breed average EPD was set at zero. As breeders of Santa Gertrudis cattle selected for, or against, a trait using an EPD, the breed average increased, or decreased, according to the importance breeders placed on that trait in their selection program. These numbers can be used to determine how *individual* animals compare to the current breed average. So, let's look at the recently released 2012 Breed Averages for EPD traits as compiled by the USDA Meat Animal Research Center (MARC) at Clay Center, Neb. Note that MARC has compiled the

averages for four traits reported by all breeds (BW, WW, YW and MM) and three carcass traits reported by most breeds (MARB, REA and FAT). The Santa Gertrudis averages as compiled by MARC are: **BW +0.6, WW +5, YW +7, MM 0, MARB 0, REA + 0.02 and FAT 0**. Confused? Don't be; let's look at WW for a simple example. If an animal's WW EPD is +10, then it is 5 pounds heavier than the average Santa Gertrudis calf since the current average is +5 (10 pounds – 5 pounds = 5 pounds).

Cattlemen don't need to be intimidated by EPDs. Once EPDs are understood they become useful tools for predicting the genetic quality of future offspring of a particular male or female.

Cattlemen don't need to be intimidated by EPDs. Once EPDs are understood they become useful tools for predicting the genetic quality of future offspring of a particular male or female. SGBI members have the selection tools in the breed's genetic evaluation toolbox for sound, profitable decisions to be made. In closing, it is exciting to announce that on the horizon for SGBI are genomic-enhanced EPDs. Genomic-enhanced EPDs are the result of the inclusion of DNA into the traditional performance and pedigree measurements system and provide the most technologically advanced herd sire and replacement female selection tools available in the industry today. 🐾

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BIF: Improving the Beef Industry Through Performance Evaluation

By Micky Burch, Managing Editor

Many producers may have heard the acronym “BIF” in passing at cattle events or maybe have even read it on the pages of this magazine. But what is BIF? Who are they and what do they do?

BIF stands for “Beef Improvement Federation.” It’s a national organization that was formed in 1968 to standardize programs and methodologies and create greater awareness, acceptance and usage of beef cattle performance concepts. The purpose of BIF, as expressed in its bylaws, is five-fold:

1) Uniformity: To work for establishment of accurate and uniform procedures for measuring, recording and assessing data concerning the performance of beef cattle, which may be used by participant organizations.

2) Development: To assist member organizations and/or their affiliates in developing their individual beef improvement and quality management programs consistent with the needs of their members and the common goals of such generally accepted record keeping programs.

3) Cooperation: To develop cooperation among all segments of the beef industry in the compilation and utilization of performance records to improve efficiency, profitability and sustainability of beef production.

4) Education: To encourage the Federation’s member organizations to develop educational programs emphasizing the use and interpretation of performance data and quality management programs in improving the efficiency, profitability and sustainability of beef production.

5) Confidence: To develop the increased confidence of the beef industry in the economic potential available from performance measurement and assessment.

BIF is comprised of member organizations that include provincial, state and national beef cattle improvement associations and other organizations that sponsor beef cattle improvement; breed associations in the U.S. and Canada that are involved in perfor-

mance programs – SGBI is a member of BIF; and other organizations involved in beef improvement like the National Cattlemen’s Beef Association, National Association of Animal Breeders and artificial insemination organizations. Associate memberships are available to individuals or agencies interested in beef cattle performance.

Performance Standards

When one walks up to a pen of cattle, the first thing they may do is visually appraise what’s standing before them. Phenotype is an animal’s observable physical characteristics and combines genetics and environment; it encompasses every weight or measurement that can be taken on an animal. A calf’s weaning weight, for example, is dependent not only on its genetic potential for growth, but also on the environment it experienced, including the herd, year and season it was born; and its weaning age, access to nutrition and milk yield of its dam. This example explains why proper genetic evaluation of beef cattle is complex. However, the basic initial premise is simple – individual animals are evaluated based upon how well they performed in comparison to herd mates raised under comparable environmental conditions. In other words, how well did each

animal perform within its contemporary group? Breed registries generally define rules for effective contemporary grouping according to breed composition, gender, age range between the oldest and youngest calf within the group, and management conditions. In doing so, all the cattle have had an equal opportunity to perform. Contemporary grouping in beef cattle genetic evaluations is an attempt to account for environmental effects so remaining differences among animals more closely reflect heritable differences among them.

Reporting data from all eligible animals is an important aspect of contemporary grouping that deserves special attention. Breeders may be tempted to record and register only the better performing calves within their herd. They might also worry that recording data on poorer performing calves will reflect unfavorably on their herd. Both of these conclusions are incorrect. Unless inventory and performance data are submitted on every calf born in a herd, subsequent genetic evaluations will be based on less information and, consequently, will be less accurate than would otherwise have been possible.

Even worse, genetic evaluations may be biased. If



Photo courtesy Red Doc Farm

only calves with good performance are reported, they may not get the credit they truly deserve. The producer is the only person that knows exactly how calves have been managed. It's their responsibility to ensure that contemporary groupings accurately reflect that knowledge.

Further, in their *Guidelines for Uniform Beef Improvement Programs, 9th Edition*, BIF suggests producers utilize Whole Herd Reporting (WHR), which starts by simply recording male and female reproductive performance. This information can be used to monitor overall reproductive performance; identify genetic, environmental, and management areas in which to concentrate improvement efforts; assist in selection and culling decisions; and generate data for producing genetic predictions for reproductive traits. WHR is encouraged because, in the past, beef breed genetic evaluations were based on progeny weaned and/or registered, but didn't require data be recorded on females that failed to reproduce or whose progeny weren't registered. By contrast, WHR requires the collection of annual production and performance records on all cattle within a herd. It

doesn't, however, seek to control which animals are registered – that remains a decision of individual breeders.

National Cattle Evaluation

One of many important programs BIF initiated is the National Cattle Evaluation (NCE). The goal of NCE is to produce the best possible genetic predictions of breeding values on all animals available as breeding stock for traits of economic importance in commercial beef production. Breed associations like SGBI are encouraged to develop these programs to provide the beef industry with information to enhance selection decisions in seedstock and commercial operations, and to provide genetic information to facilitate use of crossbreeding systems in commercial beef production. A critical part of a sound NCE is the use of common sires, via artificial insemination, that produce progeny in many herds. The use of common or reference sires across herds to allow direct comparisons among animals provides the foundation for genetic evaluation programs.

To make sustained contributions to a breeding program, bulls should be structurally and reproductively sound.

A thorough breeding soundness exam should be performed annually on all bulls two to four weeks before the start of mating. Components of breeding soundness exams include a physical examination, measurement of scrotal circumference, rectal palpation of internal organs, and examination of semen for progressive linear motility and normal morphology. Likewise, many concepts involved in sire selection are equally appropriate to replacement female selection. Since most genetic progress results from sire selection, female selection is generally less intense. From an economic perspective, selected replacement females should calve first at two years of age, reproduce annually thereafter, and remain in the herd for an extended period of time.

While this is just a brief summary of who BIF is and what they do, it's also some insight into their preferred beef cattle performance standards. 🐄

**To learn more about BIF, visit
www.beefimprovement.org.**

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SANTA GERTRUDIS *Juniors*

By Itza A. Garza, NJSGA Director



My name is Itza Garza. I'm a 16-year-old junior at Edinburg High School in Edinburg, Texas, where my family and I raise our very own Santa Gertrudis cattle. This summer, I was privileged to attend GOALS (Gerts Ongoing Advanced Leadership Summit), an outstanding leadership conference where I bonded with my fellow junior board members as well as other junior members that

attended. We had a fun-filled agenda with many activities including touring the Cherokee Ranch Castle, visiting with the National Cattlemen's Beef Association (NCBA) staff, attending inspiring sessions with motivational speaker Rhett Laubach, completing a low ropes course, going horseback riding in the mountains and many more exciting things.

On behalf of myself, the National Junior Board of Directors, and all the juniors who attended GOALS, we would like to thank the many individuals who helped make this event possible. Judy McDaniel: Thank you for all your time and effort in planning this event. Without you, this wouldn't have been possible. Rhett Laubach: You inspired many of us, taught us numerous things and we couldn't be more grateful. Thank you to the Sanchez family for treating us to the beautiful Cherokee Ranch Castle; your ever-lasting support for the junior program is amazing. Thank you to all the wonderful individuals who guided us through our activities in Estes Park. Lisa Bard: Your session with us was very informative; you taught us all something new. Thank you to everyone at NCBA for sharing your knowledge of the beef industry with us. Last, but not least, the Hamptons, the Stults, Kendra Burks, Patty Manak and Dianella Cantu: Thank you for taking the time out of your summer to spend time with us throughout our trip. Thank you for keeping us all safe, offering words of encouragement and guiding us through our time in Colorado. You all are awesome.

I encourage all of our juniors to attend GOALS next year. It was truly an experience I will never forget. Hopefully I will see many of you soon, but until then, stay safe and God bless. 🍀

Soaring to New Heights

By Cade Burks, NJSGA Director

Members of the National Junior Santa Gertrudis Association headed to the Colorado Rocky Mountains for the 2013 Gerts Ongoing Advanced Leadership Summit. Forty-six junior members and seven chaperones gathered in Estes Park, Colo., for the event.

We started at the National Cattlemen's Beef Association where Barb Wilkinson and her team spoke about everything from the beef check-off to how new products are made.

After that, we toured the Cherokee Ranch and Castle where we were met by Elia, Jessica and Alicia Sanchez of Red Doc Farm, and SGBI Director Warren Harris of WR Ranch. Cherokee Ranch was owned by Tweet Kimball, a former SGBI member and cattlegirl.

The next day was full of leadership activities. Rhett Laubach of Your Next Speaker helped us learn more about our fellow juniors, and work as a team to step out of our comfort zones on a ropes course in the wilderness of the Rockies.

CONTINUED ON PAGE 22 ►



2013 NJSGHS DONATED HEIFERS

The National Junior Santa Gertrudis Association is like other junior programs in that they have an active board, host an annual show and offer scholarships to deserving youth. But unlike other junior associations, this group of young people has the annual support of multiple breeders that generously donate a heifer to all the class winners at the National Junior Santa Gertrudis Heifer Show. In the coming months, the juniors who earned a donated heifer will be heading out to pick out their cattle. Huge thanks goes out to the following breeders for donating heifers this year:

**E-W Santa Gertrudis Ranch,
Rodney Elmore and
Dustin & Nate Wyatt, Decatur, Texas**

**Vesper Ranch, Kelly Vesper,
Cotulla, Texas**

**Rocking A Ranch, Allen & Cheryl
Grainger, Brenham, Texas**

**Miller Ranch, Jason & Bea Miller,
East Bernard, Texas**

**DuBois Cattle Co., Tom & Debbie
DuBois, Jewett, Texas**

**Townsend Cattle, Ivan & Debbie
Townsend, Louise, Texas**

**Double TT Ranch, Wylie & BJ
Taliaferro, Rosser, Texas**

**Windy Spot-Hilton Cattle, Don &
Debra Hilton, Chappell Hill, Texas**

**Grand Star Cattle Co., Joe & Sherry
Fauth, Plantersville, Texas**

**Super S Cattle, Scott & Amanda
Sonntag, Gatesville, Texas**

**J Star C Ranch, John & Stella Cirlos,
San Antonio, Texas**

**Wunderlich Farms, Dr. Terry & Nancy
Wunderlich, Brenham, Texas**

**Kubecka Ranch, Gene & Nancy
Kubecka, Bay City, Texas**

Jamie Stephenson, Anderson, Texas

**Hefte Ranches, K.T. & Lauri Hefte,
Corpus Christi, Texas**

**Strait Ranches, Y.N. Strait,
Carrizo Springs, Texas**

San Jose Cattle Co., Rockport, Texas

**Lazy E Ranch, John & Mary Wilson,
Mart, Texas**

**Wendt Ranch, Dan & Jane Wendt,
Bay City, Texas**

**True Gert Cattle, Joe & Linlea
Shelby, Robstown, Texas**

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Photo by Darren Richmond

mation about genetic influences on certain traits. Previously, King Ranch was using 9K SNP Chips – meaning they were collecting information from 9,000 different DNA data points. Now, more than a decade later, they're using a 20K SNP Chip, and they're excited about the added information, Jorgenson says.

"The main reason the King Ranch started doing this and why we're moving forward with it is because we needed to identify profitable animals sooner with reliable EPDs," he explains. "We use DNA to expedite genetic lead time."

The system can be seen working at the King Ranch bull test. Last year, the south Texas ranch had more than 400 bull calves to evaluate for the upcoming gain test. "The DNA results helped to achieve more than 30 percent accuracy on most of the bull calves' EPDs," Jorgenson explains. "Genomic-enhanced EPDs give producers timely information for decision making purposes, whereas before it would take three to four years to properly evaluate bulls with progeny alone."

Genomic-enhanced EPDs give producers timely information for decision making purposes, whereas before it would take three to four years to properly evaluate bulls with progeny alone.

– Jeff Jorgenson

Jorgenson further explains that the King Ranch is continually trying to make better genetic decisions, and is currently concentrating on making their maternal EPDs better, specifically looking at stayability. "As producers, we need to identify genetics with enough information to make an educated decision that results in profitability," he reiterates.

The King Ranch has been working with John Genho at Livestock Genetic Services (LGS) since they started collecting their own data to generate EPDs. LGS assumed the management of SGBI's genetic database last fall and provides herd reporting, genetic evaluation and genomics services.

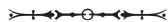
The Next Step

Jorgenson points out that genomic-enhanced EPDs are something all Santa Gertrudis breeders should think about getting on board with. "We need to identify the profitable genetics that are out there to help the entire breed," he points out.

The SGBI Performance Committee couldn't agree more, and received \$10,000 from the Santa Gertrudis Foundation to start the Santa Gertrudis genomic-enhanced EPD development process this fall. LGS is going to initiate a sire genotyping project that will identify 100 high-accuracy EPD sires. Different from the King Ranch, these sires will be genotyped with a 50K High-Density SNP Chip, and the information will serve as the foundation of the SGBI breed-wide genomic prediction test from which genomic-enhanced EPDs will be calculated. "The ability to provide our commercial customers with accurate and timely information in an improved genetic package increases the value of our product," John Ford, SGBI executive director says. "The incorporation of genetic technology into SGBI's animal selection toolbox reaffirms our commitment to providing our customers with a profitable genetic package."

A true team effort, the King Ranch and SGBI are excited about the future of genotyping and the efforts being made to move the breed's genetic evaluation practices forward. 🐄

BREED PERFORMANCE



King Ranch, SGBI Boost Use of EPDs

By Micky Burch, Managing Editor

Thumbing through this issue of *Santa Gertrudis USA* will quickly show you this is the annual performance edition of the magazine. Now more than ever, cattleman are looking to the numbers to help identify superior genetics. In an effort to strengthen the entire genetic profile of the Santa Gertrudis breed, SGBI's Performance Committee, along with support from the King Ranch, is taking a progressive approach to technology utilization to move the breed to the forefront of genetic evaluation.

Industry Leader

Since 2000, the King Ranch has been utilizing their herd's own expected progeny differences (EPDs) that include a multitude of growth, carcass and maternal traits. In addition, they have been incorporating DNA analysis into their EPDs, making them genomic-enhanced, Jeff Jorgenson from the King Ranch says. Genomic-enhanced EPDs make use of results from DNA tests, in addition to measured results such as weaning weights, to provide added accuracy and reliability to the animal's EPDs.

The development of genomic-enhanced EPDs relies on single nucleotide polymorphisms, more commonly called SNPs (pronounced "snips"). Simply put, SNPs reveal infor-

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OZARK EMPIRE FAIR

Aug. 3, 2013 | Springfield, Mo. | Judge: Jary Douglas

SANTA GERTRUDIS SHOW *Results*

GRAND CHAMPION BULL

Reminton 215/12, shown by
Rustic Rail Ranch, Carthage, Mo.

RESERVE GRAND CHAMPION BULL

777 Honey Badger 1202, shown by
Pitchford Cattle Co., Athens, Texas

CHAMPION BEST OF POLLED BULL

Doc Holiday, shown by Britney Shields,
La Russell, Mo.

GRAND CHAMPION FEMALE

Harding 367/1, shown by
Wyatt Nelson, Sarcoxie, Mo.

RESERVE GRAND CHAMPION FEMALE

Miss Foxy Chix, shown by
Quincy Nelson, Sarcoxie, Mo.

CHAMPION BEST OF POLLED FEMALE

Harding 367/1, shown by
Wyatt Nelson, Sarcoxie, Mo.

CHAMPION STAR 5 FEMALE

Heaths Pearl Hart, shown by
Britney Shields, La Russell, Mo.

Breed to Recognize Dennis Alsup at Tulsa State Fair

By Darren R. Richmond

During the open Santa Gertrudis Show at this year's Tulsa State Fair, exhibitors and breeders will be recognizing Dennis Alsup. During the 1980s Alsup was a key figure in the breed's success. Alsup is a graduate of Texas Tech University, where he began his career as an agriculture teacher. His involvement in the breed began when he became manager of L&L Farms of Decatur, Ark., a division of Peterson Industries – one of the region's largest poultry producers.

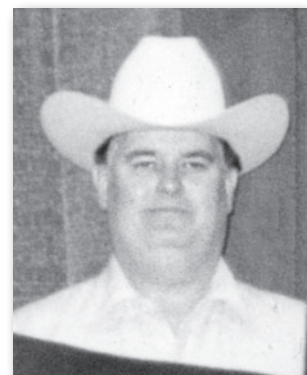
Dennis put L&L Farms on the Santa Gertrudis map as one of the first producers of polled cattle in the breed. L&L was very active in showing and promoting polled cattle at all the major shows in the 1980s, and was a founding member of the Razorback Sale, which also included Winrock Farms, Inc., Morrilton, Ark.; Porter Rodgers Land & Cattle, Searcy, Ark.; and Reeves Triple Seven Farm, Magnolia, Ark. During the Razorback Sales run, these breeders from Arkansas sold some of the breed's top cattle, including L&L Farms Bull 300 selling for \$80,000.

Alsup also served on the SGBI Breed Standards Committee and Shows & Exhibits Committee for several years, and was involved with the Arkoma Association in many aspects. He was a commissioner of the Arkansas Livestock & Poultry

Commission serving for two terms. He was also an accomplished livestock judge, having judged many breeds of cattle throughout the U.S.

On Sept. 29, 2013, we will be honoring Alsup and his family at the Tulsa State Fair during the open Santa Gertrudis show for his dedication and importance to the breed during the 1980s. We hope all his friends – old and new – can attend to say thank you for all he has done for our breed.

As I write this article I can't help but say thank you to Alsup for giving me my start in this great breed of cattle in 1985. Without his guidance and support I wouldn't be where I am today. Last month judging the National Jr. Santa Gertrudis Heifer in San Marcos, Texas, two people came to mind: my late father Donald R. Richmond for all he taught me, and Dennis Alsup for giving me the opportunity to be involved in this great breed of cattle! 🍷



GOALS REPORT

CONTINUED ON PAGE 18

After that, we had the "Great Gert Cook-off" where we split into teams and prepared a beef dish, a vegetable and a dessert using items in a mystery bag. To work off those great meals, we took a night hike in the Rocky Mountains, then came back to a camp fire meeting with Laubach.

Day 3 started with Laubach and more leadership activities, and that afternoon we had a session with Lisa Bard and Kelsie McEndaffer of Blue-

Print Marketing LLC, publisher of *Santa Gertrudis USA* magazine. They talked about first impressions and social media. Then, we had our last session with Laubach, ending with a discussion about character.

In the late afternoon we headed to the trails for horseback riding. Later, we came back together for a session that gave us time to reflect on three days of leadership, and think about who our heroes are. To end, we had a great night of dancing!

We spent Friday morning learning how to write thank you notes and

then practiced our writing skills. We would like to say thank you to Judy McDaniel for making sure we continue to have GOALS and putting everything together. We would also like to thank our chaperones for taking the time to spend with us as we work to become better leaders, and our sponsors – without you this trip wouldn't be possible.

To those that didn't attend GOALS 2013, make sure to plan for the 2014 GOALS; it will be an exciting opportunity for you to meet more members of our junior association. 🍷

We can't say

Thank You enough!

Big congratulations to Cammi Selby and Lauren Miller for taking Double TT genetics and building a great herd of their own! Also, congrats to these Double TT Ranch heifer exhibitors. THANK YOU for your continued support of our program. We have good cattle, but these Juniors make them great!

- **Cammi Selby**, Scurry, TX
- **Laurn Hefte**, Hondo, TX
- **Cody Benson**, Commerce, TX
- **Casey Pitchford**, Athens, TX
- **Matt Early**, Bonham, TX
- **Jordan Outlaw**, Bonham, TX
- **Kyle Wallace**, Ravenna, TX
- **McKayla McIntyre**, Angelton, TX
- **Ty Mann**, Richland Springs, TX
- **Patrick Daniels**, Magnolia, AR



2013 NJSGHS Grand Champion Female
LCC 138/1

Shown by Cammi Selby, Scurry, TX



2013 NJSGHS Purebred Female Class Winner
Miss TT 710/1

Shown by Cammi Selby, Scurry, TX



2012 SGBI High Point Yearling Female
Miss Double TT 645

shown by Randall Strickmeyer, Verona, KY



2013 NJSGHS Purebred Female Class Winner
Miss Double TT 968

shown by Casey Pitchford, Athens, TX
donated by Double TT Ranch in 2012

Special Thanks to Rob, Joe & Randall Strickmeyer, Stricko Ranch, Verona, KY, & Tara Ranch, Liberty, TX, for their recent purchases of Double TT Ranch cattle. Good luck at this fall's shows!

Thank You for the 2013 NJSGHS dedication. It was a great honor.

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OHIO STATE FAIR

July 29, 2013 | Columbus, Ohio | Judge: Tom Turner

SANTA GERTRUDIS SHOW *Results*



GRAND CHAMPION BULL

5 Bar E Integrity 350, shown by
5 Bar E Farm, Altha, Fla.



RESERVE GRAND CHAMPION BULL

LF Royal Ruler, shown by Lovett Farm,
Hillsboro, Ohio



BEST OF POLLED BULL

LF Royal Ruler, shown by Lovett Farm,
Hillsboro, Ohio



GRAND CHAMPION FEMALE

HH Miss Sherry W21, shown by Casey
Pitchford, Athens, Texas



RESERVE GRAND CHAMPION FEMALE

Miss Grandview Annie, shown by
777 Farm, Magnolia, Ark.



BEST OF POLLED FEMALE

Miss Grandview Annie, shown by
777 Farm, Magnolia, Ark.

KENTUCKY NATIONAL SHOW & SALE

July 19-20, 2013 | Bowling Green, Ky. | Judge: Will McIntosh

GRAND CHAMPION BULL

Bratton 113, shown by Chris & Emily
Bratton, Lexington, Tenn.

RESERVE GRAND CHAMPION BULL

LF Royal Berry Y9, shown by
Lovett Farm, Hillsboro, Ohio

GRAND CHAMPION FEMALE

Shakers Starbright B-2, shown by
Shaker Hill Farm, Lebanon, Ohio

RESERVE GRAND CHAMPION FEMALE

Rusk 711, shown by MC Ranch
Alpharetta, Ga.

GRAND CHAMPION STAR 5 FEMALE

RO Lucky Star, shown by
C Bar C Ranch, DeSoto, Mo.

RESERVE GRAND CHAMPION STAR 5 FEMALE

RO Licorice 1212, shown by C Bar C
Ranch, DeSoto, Mo.

Jernigan Ranch

IS SELLING BULL POWER

Jernigan Christian 8/11



BW 0.7 WW 11 YW 12 MAT 4 TMAT 9 HCW 7
 REA 13.4 REA/CWT 1.14 IMF 4.43 FAT 0.41 RUMP 0.53
 Actual 205-day wt: 624 lbs.

A big thank you to Arden, Heather, Avery and Yancy Strait of Strait Ranches for purchasing Jernigan 8/11 Christian!



We are honored that two long-standing ranches have purchased our seedstock.

Jernigan 2/12

A big Tar Heel thank you to Bill Cameron and Double C Farms for purchasing our high-indexing Santa Gertrudis bull!



BW 1.4 WW 11 YW 16 MAT 1 TMAT 8
 HCW 9 REA 13.6 REA/CWT 1.06
 IMF 3.49 FAT 0.41 RUMP 0.28
 Actual WW at 205-days: 754 lbs.

Jernigan Ranch

Wayne & Lavonne Jernigan
 531 Doyle Road
 Buena Vista, GA 31803
 H (229) 649-7724 • C (229) 649-9659
 wjernigansr@gmail.com

Member Profile

Jernigans Prefer Performance

By Micky Burch, Managing Editor

If you're looking for Wayne Jernigan, there's probably three places to catch him: on the road as a juvenile court circuit judge, in the pasture with his Santa Gertrudis cattle or with one of his family members.



After graduating from law school and practicing his trade in Atlanta, Ga., for more than a decade, Wayne returned to his hometown of Buena Vista, Ga., in 1975. “We bought our first Santa Gertrudis cows in 1978,” he reminisces with his wife LaVonne. Thirty-five years later, he’s still raising Santa Gertrudis cattle, and has spent the better part of the last 11 years on the road as a juvenile court circuit judge traveling through six areas in his district. An even bigger accomplishment, Wayne and LaVonne are celebrating 53 years of marriage this month.

When Wayne talks about his cattle, he notes a likeness for moderate-framed, heavy-muscled, purebred Santa Gertrudis. Part of the reason he’s raising cattle that fit that mold, he says, is because that’s what commercial cattlemen want. “As a seedstock producer, we’re selling to the commercial guy, so we better be able to give him what he wants,” Wayne reasons.

Working with the commercial producer in mind is something Wayne has been doing since the beginning. For five years in the 1980s, he hosted a bull test at his own place. What started with just 10 to 12 bulls the first couple of years turned into well over 40 head the last year. During those five years, extension personnel helped take measurements on the bulls that were being tested. Since then, Wayne has utilized the University of Georgia’s Tifton Bull Evaluation Center at Chula, Ga., from time to time – mostly when his bull calves are aged correctly for the test.

The value in testing bulls, he says, is to gain performance measurements. “There’s no other way to find out who will perform the best,” he points out. Carcass characteristics are one area in particular he pays close attention to. Carcass merit and value has become one of the major criteria for

selection within the beef industry. Value, and ultimately profit potential, rely heavily on the worth of the carcass and the amount of usable product when the animal is harvested.

Within the realm of carcass measurements, Wayne focuses on intramuscular fat (%IMF), which is derived from the ultrasound measurement of intramuscular fat in the ribeye – also called marbling. Last year Wayne put three bulls on test, with intentions of selling two of them and keeping the third as a show bull; but when one of the bulls – Jernigan 5/12 – turned in a 5.17 %IMF and the show bull had a 4.43 %IMF, plans changed.

Through the grape vine, fellow Santa Gertrudis breeder Yancey Strait, Strait Ranches, Carrizo Springs, Texas, heard about Wayne’s high-%IMF bulls. “Yancey flew out and looked at all of the bulls in person,” Wayne explains. “Of course, he liked the show bull the best.” While Wayne was excited about the prospect of selling a bull to a prominent producer in the breed, he wasn’t as excited about selling, what he felt, was one of the best bulls he’s ever raised. So Wayne called John Ford, SGBI executive director, for some advice. “All John said was, ‘We’re in the business of breeding and selling animals,’” Wayne repeats. With that, the show bull was loaded and made it to his new home in south Texas last month. In the end, Wayne is happy with his decision. “I sold a bull and I made a friend,” he says about the transaction with Strait.

Even though Wayne sold one of the highest %IMF bulls he’s ever raised, he has plans to keep breeding more like him. This fall, he’s flushing the mother of the bull that measured 5.17 %IMF to a bull that was raised by Red Doc Farm, Belen, N.M., and is currently owned by Townsend Cattle Co., Louise, Texas. “This bull has really good carcass traits and a high %IMF, so I’m hoping for a lot of moderate-framed, growthy, high %IMF calves,” Wayne says with excitement.

In the meantime, Wayne can be found on the road, in the pasture or with his wife and their family. Wayne and LaVonne enjoy the company of their four children and their spouses, nine grandchildren and two great-grandchildren. 🐄



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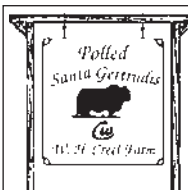
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SANTA GERTRUDIS SALE

Reports

KENTUCKY NATIONAL SHOW & SALE

July 19-20, 2013 | Bowling Green, Ky.

SALE AVERAGES

29 Registered Lots	\$1,995	4 Star 5 Lots	\$1,100
11 Open Heifers	\$1,900	5 Pairs	\$2,620
4 Bred Females	\$2,300	7 Bred Heifers	\$1,595
2 Bulls	\$1,750		

The 2013 Kentucky National Show & Sale was once again sponsored by the Kentucky Santa Gertrudis Association and the Kentucky Department of Agriculture.

The high-selling lot was a pair consigned by Heath Farm, Hodgenville, Ky., that sold for \$4,000 to Bill Morse & Family, Gainesville, Mo. Topping the bred female category was a consignment by Shaker Hill Farm, Lebanon, Ohio, that also sold to Bill Morse & Family for \$3,400. In the open heifer sale, the high-seller was consigned by Carson Priddle,



Bill Morse and family.

Doniphan, Mo., and sold for \$2,700 to Carter Mathis, also of Doniphan, Mo. Lovett Farm, Hillsboro, Ohio, sold the high-selling bull for \$2,000 to David Bean, Ringgold, Ga.

The volume buyer was Bill Morse & Family. 🐄

REGISTRATIONS, STAR 5 RECORDINGS & TRANSFERS BY DISTRICT

JULY 2013

District	Purebred Reg.	Star 5 Reg.	Performance Only	Purebred & Star 5 Trans.
1	18	3	1	58
2	140	22	26	89
3	3	11	0	18
4	54	5	2	10
5	5	0	0	14
6	20	0	3	18

CONTACT FOR SGBI REGISTRATIONS:

Diana Ruiz

P. O. Box 1257, Kingsville, Texas 78364 | diana@santagertrudis.com

Phone: (361) 592-9357; Fax: (361) 592-8572

SANTA GERTRUDIS Calendar

SEPTEMBER

- 1 Delta Fair Open Santa Gertrudis Show, Memphis, Tenn.
- 7 Tennessee State Fair Open Santa Gertrudis Show, CANCELLED
- 20 Rocky Mountain Affiliate Annual Banquet
- 20-21 20th Annual District 6 Haltered Heifer Show & Sale, Richmond, Ind.
- 22 Oklahoma State Fair Open Santa Gertrudis Show, Oklahoma City, Okla.
- 28 The Arkoma Sale at Tulsa, Tulsa, Okla.
- 29 Tulsa State Fair Open Santa Gertrudis Show, Tulsa, Okla.

OCTOBER

- 4 SGBI Board Meeting Prior to the Alabama Connection Sale, Hanceville, Ala.
- 5 25th Anniversary Alabama Connection Sale, Hanceville, Ala.
- 12 Super Southern Sellabration, Shelbyville, Tenn.
- 12 Mid-South Affiliate Reorganization Meeting
- 15-17 Sunbelt Ag Expo, Moultrie, Ga.
- 17 Arkansas State Fair Open Santa Gertrudis Show, Little Rock, Ark.
- 18 Briggs Ranches 10th Annual Santa Gertrudis Bull Sale, Victoria, Texas
- 19 36th Annual Tri-Star Santa Gertrudis Sale, Victoria, Texas
- 19 State Fair of Texas Junior Santa Gertrudis Show, Dallas, Texas
- 20 State Fair of Texas Open Santa Gertrudis Show, Dallas, Texas
- 21-24 Señoritas of San Jose Online Sale hosted by Cattle In Motion

NOVEMBER

- 9 Mt. Laurel Classic Santa Gertrudis Sale, Calhoun, Ga.
- 14 Avoyelles Parish, La. Cattleman's Association Annual Meeting, Mansura, La.
- 22 North American International Livestock Expo Open Santa Gertrudis Show, Louisville, Ky.

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In Memoriam

EUEL A. HAMMETT

Longtime member of SGBI Euel A. Hammett, 87, of Odessa, Texas, passed away Friday, Aug. 2, 2013, at his residence. He held herd number 1949.

He was born Nov. 5, 1925, in Odessa to Robert Dodge and Rosey (Cox) Hammett. A veteran of WWII, he was in the U.S. Navy for 3½ years and was a member of Bethany Christian Church. He was a retired fire fighter with 25 years of service to the city of Odessa, and was a ranch foreman at Johnson's Ranch for more than 50 years. He was inducted into the SGBI Hall of Fame on April 20, 2013. Euel and his wife Fannie were very instrumental in get-

ting a junior Santa Gertrudis program started in west Texas and New Mexico.

Euel is preceded in death by his parents, wife Fannie Mae Hammett, stepson Kenneth Dudley, sister Inez Saunders, and brother Floyd C. Hammett.

He is survived by his sister Elizabeth Horne and husband Olin of Odessa; stepson Rodger W. Dudley of Independence, Mo.; six grandchildren, twelve great-grandchildren and numerous nieces and nephews. 🐄

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LCC 138/1, shown by Cammi Selby, Scurry, Texas



Grand Champion Star 5
MC Gucci MC 220, shown by Mackenna McIntyre, Angleton, Texas

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santa Gertrudis Photo Contest

Congratulations to Haleigh Wroten, Cotton Branch Plantation, Smithdale, Miss. for submitting this month's winning photograph.



Pictures need to be high resolution for print in the magazine, so be sure to set your camera appropriately.

Please email photos to kbedolli@blueprintma.com. You might just see it in an upcoming issue!

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