

SHOW-ME-SELECT™

REPLACEMENT HEIFER SALE

367 Crossbred & Purebred Heifers

November 17, 2017 at 7 PM

Joplin Regional Stockyards I-44 East of Carthage, MO at Exit 22

Video preview and sale may be viewed at www.joplinstockyards.com and **DVAuction** on-line bidding may be arranged in advance.

Breeds & crosses include: Angus, Balancer, Hereford, Gelbvieh, Red Angus & Simmental.

About 50% are black or black whiteface and 50% are Red Angus and Crosses.

Many are synchronized and AI bred. A few Tier Two and Show-Me-Plus heifers are in the offering. See enclosed requirements for SMS heifer details.

Program Requirements:

- ❖ Heifers have met minimum standards for reproductive soundness, pelvic size, body condition and weight and are free of blemishes.
- ❖ Heifers bred to bulls meeting strict calving ease or birth weight EPD requirements.
- ❖ A strict immunization program has been followed including official Brucellosis calfhood vaccination. Heifers are tested and found negative for PI BVD.
- ❖ Heifers will calve from mid-January to April 30 and were preg checked within 30 days of the sale.



Consignors Include:

**John Wheeler, Marionville
Kathy Wheeler, Marionville
Terry Potts, Jerico Springs
Mast Farms, Lamar
Mark McFarland, Stella
Gary Goostree, Rocky Comfort**

**Gilmore Farms, Aurora
Circle S Chicks, Stark City
5 C Ranch, Inc., El Dorado Springs
Haden Cattle Co., Rogersville
Marvin Phipps, Cassville
Goodnight Angus Farm, Carthage**

**Denlow Valley Ranch, Norwood
DJV Cattle, Co., Edwards
Wes Backes, Bonnots Mill
Robert Miller, Aurora
Weber Farms, Lamar
Kunkel Farms, Neosho**

For information contact:

Eldon Cole (417) 466-3102 or 466-3386
colee@missouri.edu
Website: <http://www.swmobia.com/>

Sponsored by:

Missouri "Show-Me-Select" Replacement Heifers, Inc., Division of Animal Sciences, Southwest Missouri Beef Cattle Improvement Association in cooperation with University of Missouri Extension, Commercial Agriculture Program, College of Veterinary Medicine, Missouri Cattlemen's Association and Missouri Department of Agriculture.

GENERAL SALE INFORMATION

Auctioneer
- Jackie Moore
Sale Agent - Joplin Regional Stockyards

SALE PROCEDURE

The sale order is determined by consignors drawing for a position in the sale rotation. Each consignor selects those heifers to sell in each rotation. Heifers are sold in uniform lots, usually 3 to 8 per lot, sorted according to breed type, and size. All heifers in a lot are expected to calve within a 45-day period. Heifers become the property of the buyer immediately after the sale. Each animal will be at the buyers risk as soon as sold. The consignor will aid in the loading of the cattle on instructions from the buyer, but at the buyer's risk. No cattle will be loaded until the conclusion of the sale. All financial transactions will be conducted by the sale agent and are to be fully completed before loading. Necessary health papers to go to any state will be available on all heifers after the sale.

GUARANTEE

All heifers are guaranteed bred and are guaranteed to remain pregnant for 30 days from the sale date. Calving dates are approximate. Females can range two weeks or more around a projected calving date even if they were A.I. bred on the same day. The consignor will refund the purchase price or replace the heifer with one of similar value if a heifer is found to be open within 30 days of the sale by a veterinarian. All guarantees are made by the consignor and not the Southwest Missouri Beef Cattle Improvement Association or other organizations or individuals involved in the sale. In case the buyer and seller are unable to reach an agreement over a heifer, an arbitration committee can be asked to hear both sides and render a decision.

TAGS

A special tag that carries the "Show-Me-Select"TM trademark and name identifies all heifers in the sale. This tag signifies that the heifers have met all the requirements of the Missouri "Show-Me-Select"TM replacement heifer program. Some heifers will carry a white Show-Me-Select tag. This identifies them as Tier Two heifers. Note a complete description of them in the requirements section of this catalog. The Show-Me-Plus Heifer designation is for heifers tested with a genomic prediction panel approved by University of Missouri Extension. No special tags used at this time.

CONTRIBUTORS

The sale committee and consignors wish to thank all those who have contributed to the success of this program. Your faith in our ability to make this program work is appreciated.

Commercial Agriculture Program
Missouri Cattlemen's Association
Lawrence County Extension Center
University of Missouri Extension
Cedar County Extension Center

MU College of Veterinary Medicine
Missouri Department of Agriculture
Jasper County Extension Center
Joplin Regional Stockyards

****NOTICE TO ALL BUYERS****

All heifers in this sale have been Brucellosis calfhood vaccinated in accordance with state and federal regulations. Necessary health papers will be available on all heifers after this sale. All heifers have been tested for PI BVD and found negative.

Calves of Show-Me-Select Heifers are warranted to be free of genetic defects for a period of six (6) months from date of purchase. Heifers that give birth to an affected calf (exhibits the genetic defect), which is subsequently proven by diagnostic lab or DNA testing to be a genetic defect will have the full purchase price of the heifer plus the DNA testing charge refunded to the buyer by the seller. Please refer to the Show-Me-Select Replacement Heifer Programs terms and conditions for complete guarantee details.

Requirements for Heifers in the 2017 Replacement Heifer Sale

These requirements are designed to minimize the incidence and severity of calving difficulty and protect against potential reproductive losses. Heifers must be bred to service sires at or less than established birth weight EPD maximums, have a minimum pelvic area of 150 cm² prebreeding or 180 cm² at pregnancy examination, be a minimum body condition score of 5 and a maximum of 8 on sale day, and meet established health guidelines.

Bred Heifers:

Fall 2016:

- ◆ All heifers must be calthood vaccinated for Brucellosis according to Missouri state regulations.
- ◆ Heifers are vaccinated for IBR, PI-3, BVD, BRSV, and 7-way Clostridia. Label directions concerning initial vaccination and boosters must be followed.
- ◆ Use of implants is discouraged. If heifers are implanted, only FDA approved products for replacement heifers are allowed according to label guidelines.
- ◆ Long-term use of MGA is prohibited. Use of MGA for periods up to 14 days to synchronize estrus is permitted.
- ◆ Internal and external parasites are controlled as needed.
- ◆ Heifers must be polled or de-horned and completely healed by sale day.

Spring 2017:

- ◆ Pre-breeding reproductive examination is performed.
- ◆ Reproductive tract scored, pelvic measurement, weighed.
- ◆ Heifers are vaccinated for IBR, BVD, Leptospirosis and Vibriosis between 60 and 30 days prior to beginning of breeding. All vaccinations must follow label directions.
- ◆ AI or Natural Bred.
- ◆ Internal and external parasites are controlled as needed.

Summer/Fall 2017:

- ◆ Heifers are pregnancy examined by 90 days to determine breeding dates. (Confirm AI pregnancy or natural service). A preg check is also done within 30 days of the sale.
- ◆ Heifers are treated for external and internal parasites within 30 days of sale date. Products for internal parasite control must have a label claim for all stages of the parasite life cycle.
- ◆ Leptospirosis (5-way) given at preg check.
- ◆ Heifers are examined the day before the sale by a screening committee to eliminate blemishes. (scarred eyes, frozen ears, short tails, rat tails.) They must have a muscle score of at least a 2, a minimum Medium frame score, a body condition score of 5 through 8 and weigh at least 800 pounds and not have an undesirable disposition.

Heifers must be bred to bulls with birth weight or calving ease EPD's not greater than the guidelines for their breed based on the current genetic evaluation at the time of breeding for the respective breed associations. Accuracy values of 0.6 or better for birth weight and calving ease EPDs are required on AI sires.

USING THE CATALOG EPD INFORMATION

Expected Progeny Differences (EPDs) provide the best means of comparing genetic merit of animals within the breed. For each trait evaluated, the EPD incorporates the animals individual and progeny performance information from other relatives. By utilizing national sire evaluation information, the evaluation also utilizes information from related traits and accounts, in part, for differences in the genetic merit of herd mates as well as genetic trend within the breed. Each trait evaluation predicts expected progeny performance relative to a fixed breed average-hence the term “Expected Progeny Difference”. The key word is “difference”. The EPD itself does not imply “good” or “bad” performance, only whether the performance of progeny is expected to be above or below that of progeny from average parents. Breeders should, on an individual basis, decide what is best for them by considering what traits are important to their program, their current herd performance, and the degree of change desired.

Accuracy (acc): A measure of certainty regarding the EPD evaluation for a performance trait. Accuracy is reported as a decimal number between zero and one; larger values show greater accuracy and more certainty that the EPD will not change significantly as additional progeny information is obtained. If you do not want to bear the risk, use animals with an accuracy of .9 or higher.

Birth Weight EPD (BW): The expected differences in average birth weight (lbs) of progeny. Birth weight reflects prenatal growth potential and may also be used as an indicator of calving ease.

Calving Ease (CE): The ease with which a bull’s calves are born to first-calf heifers. When comparing two bulls, the larger EPD indicates a higher percent of unassisted births for calves sired by this bull.

Weaning Weight EPD (WW): The expected difference in average weaning weight (lbs) of calves. The evaluation reflects genetic influence on pre-weaning growth rate.

Yearling Weight EPD (YW): The expected difference in average yearling weight (lbs) of progeny. The evaluation reflects genetic influence on pre-weaning growth rate.

Maternal Milk EPD (Milk): The expected difference in average weaning weight (lbs.) of daughter’s calves, which is attributed to milking ability. In other words, it is a predictor of a sire’s genetic merit for milk and mothering ability as expressed in his daughters.

Calving Ease Maternal (CEM): Higher values indicates greater calving ease in first-calf daughters.

Fall 2017 Breed EPD Average’s for Current Sires Within Breed

Breed	BW/CED	WW	YW	Milk	CEM
<i>Angus</i>	<i>1.3/6</i>	<i>49</i>	<i>86</i>	<i>23</i>	<i>8</i>
<i>Red Angus</i>	<i>-1.8/6</i>	<i>59</i>	<i>91</i>	<i>21</i>	<i>5</i>
<i>Gelbvieh</i>	<i>1.3/9</i>	<i>70</i>	<i>96</i>	<i>30</i>	<i>6</i>
<i>Balancer</i>	<i>0/12</i>	<i>69</i>	<i>104</i>	<i>26</i>	<i>7</i>
<i>Lim Flex</i>	<i>.8/9</i>	<i>64</i>	<i>99</i>	<i>25</i>	<i>7</i>

**EPDs are current as of September 2017. Some calving ease EPDs may now be below the 2017 Show-Me-Select Minimums shown in the front of the catalog, but were within the guidelines at breeding time.*

Managing Your Show-Me-Select Replacement Heifers

Your investment in Show-Me-Select replacement heifers signifies a commitment to improving the genetic quality and reproductive efficiency of your beef herd. Replacement heifers require specialized care and management until they enter the breeding herd as mature cows. To protect your investment, you may find the following guidelines helpful.

Targets

At the time of purchase, your heifers will weigh approximately 75 to 85% of their mature weight with a minimum body condition score of 5.

- ◆ Heifers should reach 85% of their mature weight by first calving.
- ◆ Heifers should calve and begin lactating at a body condition score of 6.
- ◆ In order to reach these targets on schedule, heifers should be fed to gain between 0.5 to 0.75 per day minimum from now until calving.

Nutritional Management from Purchase to First Calving

Gains of the desired magnitude can be a challenge during winter months. Additionally, heifers are then entering the final trimester of pregnancy when a majority of fetal growth occurs. To ensure heifers enter calving season at the proper target weight and body condition several things are required.

- ◆ Heifers should be maintained separately from older animals if at all possible. This is necessary to minimize undesirable social interaction at the feed bunk, water tank, and mineral feeder.
- ◆ Diets should meet certain nutritional standards. Crude protein of the diet should be 9 to 10%. Net energy for maintenance should be approximately 0.52 to 0.59 Mcal/lb. These energy levels are roughly equal to 55 to 60% dietary TDN.
- ◆ Good-quality trace mineral salt and vitamin supplement should be made available and can be offered free choice or mixed with another component of the diet.
- ◆ Body condition of heifers should be monitored. Heifers should not lose or gain more than 1 body condition score from now until calving. A change in 1 body condition score reflects a net weight gain or loss of approximately 80 pounds.

Nutritional Management from Calving through Breeding

In many cases, pasture will allow acceptable performance during the spring and early summer. Proper supplementation of trace minerals and vitamins remain a critical feature of management during this period, but energy deficiencies are more likely to create problems with re-breeding. Body condition must be monitored to determine if supplemental feeding is necessary. Failure to provide supplemental energy, if needed, can delay the onset of cycling, lengthen the time from calving to 1st heat post-calving and potentially result in decreased pregnancy rate. Examples of energy supplements suitable for heifers during early lactation include: high-quality forages, cracked corn, soybean hulls, dried distillers grains or corn gluten feed fed at varying amounts according to condition and weight gain desired. Proper pre- and post-calving nutritional management of your Show-Me-Select replacement heifer should ensure successful re-breeding. Consult your local university extension professional and/or veterinarian for nutritional counseling should you have any question.

ABBREVIATIONS:

AI	- ARTIFICIAL INSEMINATION
NAT	- NATURAL SERVICE
BW	- BIRTH WEIGHT EPD
CE	- CALVING EASE (DIRECT) EPD
WW	- WEANING WEIGHT EPD
M	- MILK EPD
YW	- YEARLING WEIGHT EPD
ACC	- ACCURACY
EPD	- EXPECTED PROGENY DIFFERENCE

***** SALE ROTATION IS AS FOLLOWS*****

John Wheeler, Marionville

417-839-4702

35, Angus x Hereford heifers; synchronized and AI bred to calve February 5 based on ultrasound preg check; cleanups are due February 19 to 28; heifers will be sorted also by black baldies and mottle faced; cleanup bulls EPD's reflect their genomic tests; fescue based rotational grazing system that utilizes power fencing; have received one Scour Guard 4KC vaccination; our 27th sale having sold 1193.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – KCF Bennett Absolute	Angus	11/.90	63/.96	17/.78	116/.93
AI – RB Resolute 1844	Angus	11/.67	63/.82	15/.39	112/.76
NS – FHCC Absolute 5507	Angus	7/.36	60/.48	20/.34	110/.43
NS – FHCC Absolute 5531	Angus	7/.38	61/.47	24/.33	108/.43
NS – RAF Absolute 529	Angus	13/.38	48/.47	27/.33	87/.43

Gilmore Farms LLC – (Richard & Berta), Aurora

rgilmore@centurytel.net

417-678-1015

7, Polled Hereford x Angus heifers that are black with either white or mottled faces; 3 are AI bred due February 12 and 4 were bred to the cleanup bull with due dates March 4 to April 8; preg checked via ultrasound; used to electric fencing; our 9th SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – SAV Bismarck 5682	Angus	12/.95	53/.98	21/.95	89/.97
NS – Werner Capitalist 5052	Angus	11/.28	52/.31	24/.21	92/.30

Robert Miller, Aurora

417-229-3519

5, home-raised, Gelbvieh sired and out of Gelbvieh x Simmental dams; 3 are red and 2 are black; will calve at 30 months; AI breeds due February 15 and cleanups due March 4 to April 3; my 14th SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Redhill B571 Julian IW	Red Angus	14/.61	64/.69	20/.59	95/.68
NS – Enforcer 176Y80	Gelbvieh	15/.32	60/.31	22/.25	86/.32

Mark McFarland, Stella

417-628-3647

18, some home-raised Gelbvieh and Gelbvieh cross heifers; mixed colors; ultrasound preg checked with AI breeds due February 20; cleanup breeds due from March 10 to April 19; our 7th SMS consignment.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Extra Exposure 285L71 ET	Gelbvieh	16/.93	64/.93	21/.92	89/.93
NS – JJNR Mr. Connealy Focus A12B	Angus	9/.24	53/.30	18/.21	81/.22

Terry D Potts, Jerico Springs

pottsfarmsmo@centurytel.net

417-398-2432

12, home-raised, Angus cross heifers; 95% are black; synchronized and AI bred to calve February 20; cleanups due from March 1 to April 27; ultrasound preg checked; our 26th SMS sale.

Code-Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Conneally Stingray	Angus	19/.73	52/.85	26/.52	88/.79
NS – Worthington All In 411	Angus	16/.40	59/.49	29/.35	111/.45

Mast Farms, Lamar

417-214-4306

11, home-raised, Angus x Gelbvieh cross; and Red Angus x Gelbvieh cross heifers; due to calve at 24 months; synchronized and AI bred due February 1 to February 13; cleanup breeds due March 16 to April 8; developed on fescue; gentle; 8 are red and 3 black; vaccinated with Vira Shield 6 VL5 HB; our 19th sale in the SMS program.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – MOGCK Sure Shot	Angus	9/.84	59/.92	33/.81	99/.89
AI – JRI Pld Free Agent 125J3	Gelbvieh	16/.94	52/.95	12/.94	74/.95
NS – Mr. Newport Cartwright	Gelbvieh	16/.29	58/.25	26/.22	82/.25

Kunkel Farms, Dale Kunkel, Neosho kunkelfarms@netins.net **417-455-3597**

8, home-raised, Red Angus heifers; synchronized and AI heifers are due February 13; cleanup bred's are due from March 5 to April 4; we've put steers in the Missouri Steer Feedout since 2007 to obtain post-weaning and carcass data; ultrasound preg checked; our 17th SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Brown JYJ Redemption Y1334	Red Angus	17/.91	66/.94	28/.91	116/.94
NS – LSF SRR Redemption 5047C	Red Angus	16/.32	61/.38	26/.29	102/.40

DJV Cattle Co., Edwards djvcattlecompanyjustin@gmail.com **573-345-3404**

15, Angus and Angus cross heifers; all heifers have been GeneMax tested which qualifies them as Show-Me-Plus; all are synchronized and AI bred to calve on February 20; our first SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – GAR Prophet	Angus	11/.91	72/.96	33/.86	124/.95

Gary & Heather Goostree, Rocky Comfort ggoostree@windstream.net **417-236-5668**

16 head of black, Angus cross heifers; synchronized and AI bred and due to calve February 4; cleanup bred's are due February 19 to April 7; developed on fescue and bermuda; broke to electric fence; have received Scour Guard and pinkeye vaccines; our 3rd SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Mohnen Long Distance 1639	Angus	13/.81	45/.89	27/.66	79/.81
NS – MM Bismarck 4368	Angus	11/.05	50/.05	29/.05	82/.05

Kathy Wheeler, Marionville **417-839-4702**

15, Angus x Hereford heifers, with a few blacks; synchronized and AI bred to calve February 5; cleanup bred's are due from February 19 to April 20; vaccinated with Scour Guard 4KC; raised on fescue; are used to power fencing.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – RB Resolute 1844	Angus	11/.67	63/.82	15/.39	112/.76
NS – FHCC Absolute 5507	Angus	7/.36	60/.48	20/.34	110/.43
NS – FHCC Absolute 5531	Angus	7/.38	61/.47	24/.33	108/.43
NS – RAF Absolute 529	Angus	13/.38	48/.47	27/.33	87/.43

Goodnight Angus Farm, Carthage jeff.goodnight@sbcglobal.net **417-459-2558**

4, home-raised registered Angus heifers; complete performance data; genomically tested with GGP LD test; Show-Me-Plus qualified; tested and negative for Neospora; AI bred's due January 24; cleanups due March 5 to March 19; our 4th SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – GAR Sure Fire	Angus	16/.82	58/.85	27/.47	108/.88
AI – GAR Prophet	Angus	11/.91	72/.96	33/.84	124/.91
NS – Jacs Blackjacket 5124	Angus	12/.34	61/.48	23/.31	116/.43

Weber Farms, Lamar weberjerry7@gmail.com **417-214-1570**

10, black Balancer and 2 red Balancer heifers: synchronized AI bred to calve February 20th, pasture bred's due from March 13 to April 22; good dispositions; bunk broke, raised on fescue and clover

Code-Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Marshall 214X2	Balancer	21/.66	46/.66	23/.41	79/.65
NS – Over Cheers 157C	Red Angus	10/.18	54/.28	22/.20	84/.29

Denlow Valley Ranch, Jason & Mandy Boehs, Norwood jasonboehs@gmail.com **417-259-7193**

10, home-raised black SimAngus heifers all AI bred to calve March 7 based on ultrasound preg test; we have a personal, subjective scoring system using structural soundness, udder, teats and overall appearance and these 10 were the top scorers in our 18 point rating system; gentle due to our rotational grazing system, power fencing and it's fescue based; our first SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – SAV Bismarck 5682	Angus	12/.95	53/.98	21/.95	89/.97

Haden Cattle Co. (Logan Haden), Rogersvilleloganhaden93@gmail.com**417-689-4233**

12, head of black/BWF, Angus cross heifers; synchronized & AI bred to calve March 1; 4 heifers were bred to the cleanup bull and are due March 18 to 24; ultrasound preg checked; fescue raised and broke to electric fence; will calve at 24 months of age; our 2nd SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – SAV Bruiser 9164	Angus	10/.75	67/.92	19/.64	118/.86
NS– HBRL Camaro 558C	LimFlex	14/.30	68/.29	23/.23	116/.30

Circle S Chicks (Dusty & Val Sturgeon), Stark Citysturgeon-V@yahoo.com**417-489-0039**

100, Red Angus heifers; 70 were synchronized and AI bred are due to calve February 1; 30 head are pasture exposed only and will calve from February 21 to March 23; preg tested via ultrasound and were fetal-sexed; genomically tested with Red Angus Herd Navigator which makes them Show-Me-Plus heifers; our 5th SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Andras Fuslon R236	Red Angus	16/.77	44/.87	23/.75	87/.86
NS – Bieber Fusion C168	Red Angus	13/.21	42/.33	24/.20	70/.37
NS – Bieber Rou Stormy D37	Red Angus	10/.26	61/.33	24/.14	103/.36
NS – Bieber Takeout D408	Red Angus	11/.28	48/.32	25/.16	69/.36
NS – Bieber Acc Scc Triumph D109	Red Angus	10/.27	50/.35	26/.16	83/.38

5C Ranch Inc./Scott Casey, El Dorado Springscharlie_casev@hotmail.com**417-296-1276**

10, home-raised Angus & Angus cross heifers with Hereford influence; have used Angus bulls for 15 years; herd of 300 cows are Top Dollar Angus qualified; these sale heifers are Genemax Focus tested thus are Show-Me-Plus; grown on fescue with daily hand feeding; several of these 10 head are out of SMS females we've bought; carcass data from our herd the last 2 years show, 90% Choice/Prime; 4 lbs ADG; 30% Certified Angus Beef; 6:1 feed:gain; 5% were yield grades 4 & 5's; Synchronized and AI bred to calve February 11; cleanup bred due February 19 to February 24; our first consignment to the SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Thomas TopHand 0536	Angus	12/.73	70/.86	28/.49	121/.80
NS– HPCA GAR Prophet 301	Angus	14/.32	66/.41	48/.29	116/.35
NS– HPCA All In 565	Angus	18/.35	63/.44	30/.33	108/.39

Marvin Phipps, Cassville**417-846-3104**

16, Angus x Hereford heifers; synchronized and AI bred to calve February 24 to 28; cleanup bred due March 9 to April 20; preg tested by ultrasound; our 2nd SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – GAR Prophet	Angus	11/.91	72/.96	33/.86	124/.95
NS– Valley View Answer 480	Angus	14/.25	57/.32	23/.23	99/.31

Wes Backes, Bonnots Millwesandamberbackes@gmail.com**573-680-0317**

61, heifers; 25 are Red Angus or crosses AI bred to calve January 26; 5 are black Angus AI bred to calve January 26; 23 Red Angus and Red Angus cross bull bred to calve January 26 to March 12; 8 black Angus were bull bred and due January 26 to March 12; heifers were weaned, developed and bred on fescue; calm disposition; 3 of the 4 service sires rank in the 1% for Herd Builder index.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
AI – Brown JYJ Redemption Y1334	Red Angus	17/.91	66/.94	28/.91	116/.94
NS – Brown – CH Pacesetter C5398	Red Angus	10/.31	67/.36	22/.27	109/.39
NS – Brown–TLSS Epic Design C5499	Red Angus	8/.27	75/.34	17/.24	123/.36
NS – Brown/Bola Boxed Beef C5786	Red Angus	9/.31	79/.36	20/.27	129/.38

Heifers from Circle S Chicks

