

# SHOW-ME-SELECT™

## REPLACEMENT HEIFER SALE

**235 Crossbred & Purebred Heifers**

**May 15, 2020 at 7 PM**

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

Video preview and sale may be viewed at <https://www.joplinstockyards.com/>

On-line bidding and approval must be arranged in advance along with bank approval.

- ✓ To create an account go to <https://www.joplinstockyards.com/> click on Live Auction then register with DVAuction (<https://www.dvauction.com/register>) and fill out banking information. At least 2 days prior to sale.
- ✓ Any questions and/or approval call 417-548-2333 and ask for Dustin, Misti, or Clay.

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

About 50% are black whiteface; 25% are black and 25% red. A few have Brangus in their background

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 late August to November 30 and were preg checked within 30 days of the sale.

**2020 Consignors Are:**

**Marvin Phipps**

**Mast Farms**

**Kunkel Farms**

**Mike Scarlett**

**Robert Miller**

**Jared Kleiboeker**

**Aspen Ridge, LLC**

**Meadowlyn Farm**

**Phillips Family**

**Sam Schaumann**

**Rector Farms**

**John & Kathy Wheeler**

**Cathy & Craig Hayes**

**For information contact:**

Eldon Cole (417) 466-3102 or 466-3386

[colee@missouri.edu](mailto:colee@missouri.edu)

Website: <http://www.swmobcia.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, College of Veterinary Medicine, Missouri Cattlemen's Association and Missouri Department of Agriculture.

*“Please note this sale date is tentative based on the Covid-19 situation and could change. For up-to-date information, please visit: <https://extension2.missouri.edu/programs/show-me-select-replacement-heifer-program>”*

## GENERAL SALE INFORMATION

Auctioneer  
- Jackie Moore  
Sale Agent - Joplin Regional Stockyards

## SALE PROCEDURE

The sale order as shown in the catalog is determined by consignors drawing for a position in the sale rotation. Each consignor selects 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. 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 buyer's 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. Financial transactions will be conducted by the sale agent and are fully completed before loading. 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”™ 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”™ 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.

Missouri Cattlemen's Association  
Lawrence County Extension Center  
University of Missouri Extension & Engagement  
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 2020 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 cm<sup>2</sup> prebreeding or 180 cm<sup>2</sup> 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:**

#### **Spring 2019:**

- ◆ 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.

#### **Fall 2019:**

- ◆ 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.

#### **Winter/Spring 2020:**

- ◆ 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 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.

### Spring 2020 Breed EPD Average’s for Current Sires Within Breed

Breed	CED	WW	YW	Milk	CEM
<i>Angus</i>	<b>6</b>	<b>54</b>	<b>96</b>	<b>25</b>	<b>9</b>
<i>Red Angus</i>	<b>12</b>	<b>59</b>	<b>93</b>	<b>23</b>	<b>7</b>
<i>Balancer</i>	<b>13</b>	<b>64</b>	<b>96</b>	<b>18</b>	<b>7</b>
<i>SimAngus</i>	<b>11.7</b>	<b>64.5</b>	<b>98.5</b>	<b>21.7</b>	<b>6.3</b>

*\*EPDs are current as of April 2020. Some calving ease EPDs may now be below the 2019 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 1<sup>st</sup> 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:

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

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

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

55, black white-faced and black mottled-faced heifers; synchronized and AI bred to calve September 3; ultrasound preg checked; rotational grazed on fescue & rye and fed rye haylage during the winter; will be given Scour Guard 4KC vaccine; our 32<sup>nd</sup> sale and we've sold 1516 heifers since 2003.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – Mill Bar Hickock 7242	Angus	15/.85	66/.93	113/.89	25/.68

**Marvin Phipps, Cassville** [marvinphipps01@outlook.com](mailto:marvinphipps01@outlook.com) **417-846-3104**

26 heifers, 18 black and 8 black white-faced; synchronized and AI bred to calve September 13; cleanup bred due to calve September 25 to October 26; ultrasound preg checked; sourced in southern Barry county, raised on fescue; hand-fed so they're gentle; our 4<sup>th</sup> Show-Me-Select sale.

Code-Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – Basin Rainmaker 4404	Angus	10/.72	61/.84	110/.64	26/.32
AI – KG Justified 3023	Angus	12/.82	59/.85	106/.85	27/.67
NS– Valley View Fortress 7419	Angus	7/.24	72/.31	124/.24	24/.20

**Jared Kleiboeker, Wentworth** **417-737-2875**

10, home-raised, black and black baldy heifers; AI bred due September 3; cleanups due from September 17 to October 10 based on ultrasound preg checks; 3<sup>rd</sup> SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – Deer Valley Patriot 3222	Angus	16/.70	60/.90	122/.86	28/.64
NS– Cody GG 31	Angus	8/.29	50/.41	96/.36	22/.26

**Meadowlyn Farm, Eugene Dilbeck, Cassville** [meadowlyynfarm@gmail.com](mailto:meadowlyynfarm@gmail.com) **417-442-3318**

5, home-raised, Angus x Simmental cross heifers; all are black; natural service bred to calve September 10 to October 10; preg tested via ultrasound; Igenity genomic tested qualifying them as Show-Me-Plus, four heifers are Tier Two; raised on novel fescue with rotational grazing using electric fencing; our 2<sup>nd</sup> SMS sale consignment.



Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
NS– DHT 902 Rampage Right 210	Angus	9/.34	74/.43	124/.38	28/.33

**Aspen Ridge LLC, Paul Eckels, Carthage** [paul@aspenridge5.com](mailto:paul@aspenridge5.com) **417-850-7306**

15, home-raised, Red Angus heifers most are red with a few blacks; AI bred due September 4; natural service bred due from September 20 to October 26; all are genomically tested and are Show-Me-Plus; ultrasound preg tested; raised on rotational grazing system with power-fencing; our cow culling is designed to eliminate late breeders; our 2<sup>nd</sup> SMS sale.



Code-Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – GMRA Trinity 5222	Red Angus	16/.65	75/.74	121/.74	20/.54
NS – DR Champion Y1334 C135	Red Angus	16/.45	51/.49	84/.50	23/.46

**Rector Farms, Dale, Rogersville** **417-838-6192**

15, home-raised, Hereford sired and out of Angus x Brangus cross dams; natural service bred and due September 15 to October 10; preg tested via ultrasound; gentle heifers that are broke to electric fence; raised on fescue pasture and hay with 3 to 4 lbs. of grain a day during the development phase; the sires of the heifers are from Journagen Ranch, Mtn. Grove and Olen Brothers, Dwight, KS; dams are great milkers and have good feet and legs; our first SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
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NS – Double R Bar Rampage F150 Angus 10/.35 75/.44 128/.39 22/.34

**Kunkel Farms, Dale Kunkel, Neosho** [kunkelfarms@netins.net](mailto:kunkelfarms@netins.net) **417-455-3597**

7, home-raised Red Angus; will be genomically tested under Red Navigator results available by request; AI breeds are due September 4; cleanup dates are September 26 to October 21; will be Show-Me-Plus; ultrasound preg checked; we send steer mates to these heifers of the Missouri Steer Feedout to gather feedlot and carcass data; our 22<sup>nd</sup> SMS sale at Joplin Regional Stockyards.



Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – PIE Cinch 4126	Red Angus	13/.73	74/.86	115/.85	21/.61
NS – Dunks Quest Gold 15	Red Angus	13/.41	54/.45	87/.45	25/.43

**Robert Miller, Aurora** **417-229-3519**

12, home-raised, Gelbvieh crossed heifers; all are bred natural service due to calve September 15 to November 1; most are red with a couple of blacks; medium frame size; they were ultrasound preg checked; my 19<sup>th</sup> Show-Me-Select sale; fescue raised.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
NS – HTEM Mr. Leader F831	Balancer	15/.39	66/.46	104/.46	26/.37

**Mast Farms, Lamar** **417-214-4306**

14, home-raised, Angus/Gelbvieh and Red Angus/Gelbvieh crosses; red and black mix; synchronized and AI bred on natural heat and pasture exposed to calve at 24 months of age form September 1 to October 20; raised on fescue using electric fencing; vaccinated with ViraShield 6VL5 HB; 24<sup>th</sup> SMS sale.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – Brown Pacesetter Y7170	Red Angus	16/.74	57/.86	94/.86	24/.67
AI – Connealy Legendary 644L	Angus	14/.80	68/.89	115/.83	17/.36
NS – MR Newport Guinness	Balancer	14/.40	61/.47	93/.47	25/.43

**Mike Scarlett, Billings** [mbscarlett@aol.com](mailto:mbscarlett@aol.com) **417-880-8665**

5, home-raised, Angus cross heifers; black; synchronized and AI bred to calve September 12; cleanup breeds due October 4 to 10 based on ultrasound preg check; my 1<sup>st</sup> SMS sale as a seller, but I've bought at past sales.

Code-Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
AI – Mill Bar Hickock 7242	Angus	15/.85	66/.93	113/.89	25/.68
NS – Bubs Orlando 83F	Angus	9/.30	60/.44	105/.33	27/.26

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

35, black white-faced and black mottled faced heifers; pasture bred and due from September 24 to October 31; ultrasound preg checked: rotationally-grazed on fescue and rye and fed rye haylage during the winter; will be given Scour Guard 4 KC vaccine. Our 32<sup>nd</sup> sale and we've sold 1516 heifers since 2003.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
NS – WAF Absolute 45	Angus	11/.31	42/.40	71/.35	27/.29
NS – BCC Rampage 6232	Angus	11/.35	61/.46	97/.41	27/.33
NS – Bakers Upside 5066	Angus	10/.35	43/.47	74/.42	19/.34

**Sam Schaumann, Billings** [ssamps50@aol.com](mailto:ssamps50@aol.com) **417-425-0425**

14, home-raised, Red Angus – Simmental cross; all red heifers; natural service bred, due September 3 to October 15 based on ultrasound preg check; fescue raised in our rotational grazing system that uses power fencing; our 23<sup>rd</sup> SMS sale and we've sold 185 heifers through those sales.

Service Sire	Breed	CE/Acc	WW/Acc	YW/Acc	Milk/Acc
NS – PCC WFF Draco 4511D	Red Angus	15/.19	57/.86	94/.86	24/.67

**Craig & Cathy Hayes, Rocky Comfort** [cchayes2012@gmail.com](mailto:cchayes2012@gmail.com) **417-737-7046**

8, home-raised, purebred Angus heifers; friendly with people; bunk trained; some are branded; exposed to cattle dog; fescue raised in Newton county hills; pasture bred to calve September 15 to October 5; our first SMS sale.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>YW/Acc</b>	<b>Milk/Acc</b>
NS – Jacs Fortress 7549	Angus	11/.38	78/.47	135/.43	25/.33

**Phillips Family, Mark & Howard, Conway** [markphillipsddi@yahoo.com](mailto:markphillipsddi@yahoo.com) **417-844-8974**

11, home-raised, Angus/SimAngus heifers. Howard and Mark Phillips along with wives, Verlaine and Tammy have a combined 110 plus years in the AI and cattle breeding business (with ABS and Select Sires). The heifers are from our herd that dates back to the mid-80's where AI has been used extensively for calving ease; quality and disposition. The majority are AI sired out of sires Sav Platinum, Sav Thunderbird, Connealy Reflection, and Sav Final Answer 0035. A few out of our home raised S Chisum son. P Bar L&C mandingo was purchased in dam at Kenner Simmental ranch Leeds ND. AI breds are due September 13-23<sup>rd</sup>; cleanup breds were due October 8 to November 11; preg checked via ultrasound. Our first Show-Me-Select sale.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>YW/Acc</b>	<b>Milk/Acc</b>
AI – Syd Gen Exceed 3223	Angus	9/.69	46/.87	89/.82	34/.45
AI – Syd Gen Black Pearl 2006	Angus	11/.73	61/.90	113/.86	27/.68
NS – P Bar L & C Mandingo	SimAngus	13.9/.25	66/.22	107/.22	20/.19