

# SHOW-ME-SELECT™

## REPLACEMENT HEIFER SALE

350 Crossbred & Purebred Heifers

November 20, 2009 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](http://www.joplinstockyards.com) on-line bidding may be arranged in advance.

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

A few heifers will carry 1/8 Brahman.

About 75% are black or black whiteface.

Many are synchronized and AI bred.

Program Requirements:

- ❖ Heifers have met minimum standards for reproductive soundness, pelvic size, body condition and weight and are free of blemishes.
- ❖ Heifers have been bred to bulls meeting strict calving ease/birth weight EPD requirements.
- ❖ A strict immunization program has been followed including official Brucellosis calfhood vaccination and a negative test prior to the sale. Heifers have been 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.



**Potts Farms, Jerico Springs  
John & Janet Massey, Aurora  
Kleiboeker Farms, Wentworth  
Ladd Ranches, Sparta  
Schaumann Farms, Billings**

**Consignors Include:  
John Wheeler, Marionville  
Jim Hardin, Nevada  
Jerome Rader, Willard  
Marty Miller, Nevada  
Robert Miller, Verona**

**Mast Farms, Lamar  
Cupps Farms, Shell Knob  
Herman Schrock, Sarcoxie  
Marion Schrock, Sarcoxie  
Quinton Bauer, Verona**

**For information contact:**

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[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, 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 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. 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"<sup>™</sup> 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"<sup>™</sup> 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.

## **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. All heifers have a negative Brucellosis test within 30 days of the sale or come from a certified Brucellosis free herd. Necessary health papers will be available on all heifers after this sale. All heifers have been ear-notch 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 2009 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:

#### Fall 2008:

- ◆ 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 2009:

- ◆ 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.
- ◆ Internal and external parasites are controlled as needed.

#### Summer 2009:

- ◆ 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 on sale day by a final 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 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 the following breeds 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 2008 Breed EPD Average’s for Current Sires Within Breed

Breed	BW/CE	WW	YW	Milk	CEM
<i>Angus</i>	2.2/5	42	77	20	6
<i>Red Angus</i>	0.3/6	32	58	17	4
<i>Gelbvieh</i>	1.4/104	41	74	17	104
<i>Hereford</i>	3.7/-0.1	42	69	16	0.6
<i>Maine-Anjou</i>	3.0/	40.2	80	19.7	---
<i>Balancer</i>	-0.1/104	35	73	18	102

## **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.

417-667-2912

**Jim Hardin, Nevada****HardinFarms@Inetvisions.net**

20, home-raised (F1's to ¾'s) Red Angus X Simmental and Black Angus X Simmental heifers. Heifers bred either by AI or Natural service and due to calve between February 5 and April 6. Heifers were born and developed on fescue without any grain and are moderate frame, easy fleshing, early maturing cattle. Heifers will calve as 2 year olds. Red heifers are bred to Red Angus bulls, black heifers are bred to Angus bulls.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
1. AI – BUF CRK Lancer-F L297	Red Angus	23/.74	23/.80	25/.73	41/.78
2. AI - BUF CRK Iowa 2886	Red Angus	17/.82	22/.85	13/.82	36/.84
3. Nat.- Beckton Julian P140 G2	Red Angus	20/.20	22/.28	12/.22	53/.29
4. AI - RAB-EGL Blue Moon 4407M	Angus	11/.72	43/.83	30/.56	96/.78
5. Nat. - Mill Brae In Focus 8043	Angus	12/.30	52/.26	24/.20	104/.26

**Jerome Radar, Willard**

417-742-2157

19, Angus cross heifers selected from the Rader Family herds. Heifers are due to calve from February 23 to March 15. Females are selected based on how well they develop on forage. Heifers have been given a small amount of grain to increase the ease of handling when working the heifers.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
6. Nat. – C&M Roman 227	Angus	10/.22	37/.21	12/.10	64/.05

**Kleiboeker Farms, Wentworth**

417-476-2489

25, home-raised, high percentage Angus heifers with a touch of Simmental in them; synchronized and AI bred to calve February 23; natural serviced heifers are due from March 11 to April 30; participants in SMS program from the beginning in 1997.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
7. AI –Sinclair Extra 4X13	Angus	9/.69	37/.78	20/.26	67/.73
8. Nat. – Kim Mac Preeminent 1046	Angus	11/.05	39/.05	28/.05	77/.05

417-744-2111

**Sam Schaumann, Billings****Ssamps50@aol.com**

12, home-raised Red Angus X Simmental heifers due to calve at about 30 months to allow for more maturity and size; pasture bred to calve from March 8 to March 25; Natural service bull has a CED of +12 which is in the top 5% for the Red Angus Breed. Heifers are gentle, raised in rotational grazing system and broke to electric fence.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
9. Nat. – LSF MVK Lancer S043	Red Angus	12/.23	31/.24	26/.24	53/.24

**Herman Schrock, Sarcoixie**

417-246-5478

25, Angus cross heifers; synchronized and AI bred to calve February 23; natural serviced heifers are due from March 8 to April 7. Heifers are acclimated to fescue and clover in an intensive grazing system with power fencing and automatic waterers.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
10. AI –Brooks Night Off 309	Angus	10/.62	38/.72	13/.37	76/.64
11. Nat. – TUBB 032 066P	Limousin	11/P	48/.23	26/.18	81/.18

417-498-6039

**Quinton Bauer, Verona**

417-489-2712

33, head, home-raised and purchased F1 Angus x Hereford and high percentage Angus heifers synchronized and AI bred heifers due to calve February 16, cleanup bred heifers should calve February 26 to April 19.

<b>Service Sire</b>	<b>Breed</b>	<b>CE/Acc</b>	<b>WW/Acc</b>	<b>Milk/Acc</b>	<b>YW/Acc</b>
7. AI – Sinclair Extra 4X13	Angus	9/.69	37/.78	20/.26	67/.73
12. Nat. – Clearwater MC 2500 377	Angus	8/.05	46/.05	25/.05	81/.05

417-880-6599

**Potts Farms, Jerico Springs**

417-398-2432

20, home-raised Angus-cross heifers, 90% are black; pasture bred with calving dates March 2 to April 28; Show-Me-Select participant since 2002.

Code-Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
13. Nat – Bufords Alliance B608	Angus	7/.29	53/.25	28/.20	99/.25
14. Nat – Rito 6I6 of 4B20 6G47 of GAR	Angus	9/.30	39/.26	19/.21	78/.24

**Ladd Ranches, Archie, Janet & Amye Ladd, Sparta**

417-634-3050

30, home-raised heifers due to calve at about 30 months of age; 20 are AI bred due to calve on February 2; 10 are pasture bred to calve from February 3 to March 21; vaccinated twice with Virashield 6, Staybred, Spirovac-hardjo, 7 way clostridium, CL perfringens Type A; also first shot of Scour Bos 9; Ivomec Plus and Synanthic used for parasite control; 6<sup>th</sup> year in SMS program.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
15. AI –H A Image Maker 0415	Angus	10/.89	66/.92	36-.79	110/.92
16. Nat. – TMMW Ironwood New Level	Angus	13/.28	48/.25	29/.21	87/.20

**Marion Schrock, Sarcoxie**

417-388-0908

25, Angus cross heifers; synchronized and AI bred to calve February 20; natural serviced heifers are due from March 8 to April 7. Heifers are acclimated to fescue and clover in an intensive grazing system with power fencing and automatic waterers.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
10. AI –Brooks Night Off 309	Angus	10/.62	38/.72	13/.37	76/.64
17. Nat. – HRRF 60P	Gelbvieh	111/.30	37/.35	12/.19	64/.25
18. Nat. – SPFR Fortunate Son	Gelbvieh	112/.25	41/.28	26/.18	82/.24

417-667-3059

**Marty Miller, Nevada**

MLMiller@mmm.com

15, Red Angus Cross heifers; pasture bed to calve between February 6 and April 21.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
19. Nat. – BSF Heritage T548	Red Angus	12/.20	27/.28	25/.13	59/.30

Scott - 417-489-0914

John – 417-489-5707

Matt – 417-489-0455

**Cupps Farms, Shell Knob**

65, docile, easy fleshing, high percentage Angus cross, black and black/white face heifers. They were synchronized and 40 are A.I. Bred to calve February 19; remaining 25 were pasture bred to calve from March 6 to April 22. All developed using a fescue-based, rotational grazing system and are accustomed to single wire electric fencing, multiple waterer types, and being moved by “calling”. After breeding they were commingled with calving mature cows to increase their mothering acuity.

Service Sire	Breed	CE/Acc	WW/Acc	Milk/Acc	YW/Acc
20. AI - HARB Pendleton 765 J H	Angus	15/.66	94/.69	27/.19	139/.66
21. AI - Mytty In Focus	Angus	14/.95	54/.97	24/.84	100/.96
22. Nat. - Clearwater In Focus 157	Angus	10/.31	52/.25	22/.20	98/.25
23. Nat. - Valley View Focus 8539	Angus	10/.30	54/.26	22/.20	99/.26
24. Nat. - PAF Focus 7086	Angus	11/.22	43/.22	23/.11	79/.18
25. Nat.- Clearwater Power One 1947	Angus	11/.29	37/.26	24/.13	77/.26

**Robert Miller, Verona****417-678-4641**

12, Simmental/Angus cross heifers; 10 sired by Simmental bull, 2 sired by Charolais bull; heifers are due to calve at 30 months of age; pasture exposed to Judd Ranch Balancer bull to calve between March 20 and April 15.

<u>Service Sire</u>	<u>Breed</u>	<u>CE/Acc</u>	<u>WW/Acc</u>	<u>Milk/Acc</u>	<u>YW/Acc</u>
26. Nat. – JRI Curvebender 47U2	Balancer	112/.17	30/.23	18/.06	74/.18

**417-258-2480****John Wheeler****417-839-4702**

40, F-1 Angus X Hereford heifers from one herd; raised on fescue with electric fences in rotational grazing system; vaccinated with Spirovac-hardjo; pasture-bred to calve between February 4 and April 28; 7<sup>th</sup> year in SMS program.

<u>Service Sire</u>	<u>Breed</u>	<u>CE/Acc</u>	<u>WW/Acc</u>	<u>Milk/Acc</u>	<u>YW/Acc</u>
27. Nat. – R&S Matador Blackcap 1121	Angus	10/.05	41/.05	17/.05	80/.05
28. Nat. – RC 532 474	Angus	11/.22	32/.20	21/.10	60/.16
29. Nat. – GAF Advantage 491	Angus	11/.30	27/.25	25/.19	62/.18

**Mast Farms, Lamar****417-537-4392**

5, home-raised Gelbvieh-Red Angus heifers bred AI to calve February 6; pasture bred heifers due to calve between February 20 and March 28; heifers have been hand fed and are gentle; 3 red heifers, 2 cream colored heifers.

<u>Service Sire</u>	<u>Breed</u>	<u>CE/Acc</u>	<u>WW/Acc</u>	<u>Milk/Acc</u>	<u>YW/Acc</u>
30. AI – JRI Profit Agent	Balancer(red)	121/.58	31/.67	15/.25	76/.53
31. Nat.- Mushrush Julian202 LN T100X	Red Angus	11/.19	31/.26	16/.17	61/.28

**John & Janet Massey, Aurora****417-466-2855**

10, home raised, Angus X Simmental heifers; bred AI to calve February 5 to 7; pasture bred heifers due to calve March 2; the Massey's have consigned heifers to each of the 21 SMS sales held in southwest Missouri.

<u>Service Sire</u>	<u>Breed</u>	<u>CE/Acc</u>	<u>WW/Acc</u>	<u>Milk/Acc</u>	<u>YW/Acc</u>
32. AI – Genetics by Design 049	Angus	10/.86	56/.92	29/.81	96/.90
33. Nat. – RR Diamondback 7400	Angus	8/.05	36/.05	17/.05	69/.05

**ABBREVIATIONS:**

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

*\*EPDs are current as of September 1, 2009. Some calving ease EPDs may now be below the 2009 Show-Me-Select minimums shown in the front of the catalog, but were within the guidelines at breeding time.*