SHOW-ME-SELECT™

REPLACEMENT HEIFER SALE

300 Crossbred & Purebred Heifers

May 15, 2015 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 on-line bidding may be arranged in advance.

Breeds & crosses include: Angus, Hereford, Gelbvieh, Red Angus, Lim-Flex, Simmental, Salers & Normande.

About 90% are black or black whiteface.

Many are synchronized and AI bred. A few Tier Two heifers in the offering.

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. Heifers have been tested and found negative for PI BVD.
❖ Heifers will calve from mid-August to November 30 and were preg checked within 30 days of the sale.

Consignors Include:

Gilmore Farms, Aurora  John Wheeler, Marionville  Mast Farms, Lamar
Robert Miller, Aurora  Kathy Wheeler, Marionville  Mark McFarland, Stella
Bart Renkoski, Purdy  Sampson Farms, Hartville  Shiloh Land & Cattle, Mt. Vernon
Sam Schaumann, Billings  Dale & Jason Bilyeu, California  Jeff Weatherly, Aurora
Wyss & Kruse Farms, Russellville  John & Janet Massey, Aurora  Covert Farms, Buffalo
Kunkel Farms, Neosho  Circle S Chicks, Stark City  Don Hounschell, Stark City
Dream Land Ranch, Drexel  Grellner Farms, Owensville

For information contact: Eldon Cole  (417) 466-3102 or 466-3386
colee@missouri.edu
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” 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.

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 2015 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$^2$ prebreeding or 180 cm$^2$ 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 2014:

♦ All heifers must be calfhood 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 2014:

♦ 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 2015:

♦ 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 herdmates 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 2015 Breed EPD Average’s for Current Sires Within Breed

<table>
<thead>
<tr>
<th>Breed</th>
<th>BW/CED</th>
<th>WW</th>
<th>YW</th>
<th>Milk</th>
<th>CEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angus</td>
<td>1.7/5</td>
<td>49</td>
<td>86</td>
<td>23</td>
<td>9</td>
</tr>
<tr>
<td>Red Angus</td>
<td>-1.5/5</td>
<td>57</td>
<td>89</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>Gelbvieh</td>
<td>1.8/9</td>
<td>70</td>
<td>96</td>
<td>30</td>
<td>7</td>
</tr>
<tr>
<td>Balancer</td>
<td>0.4/11</td>
<td>67</td>
<td>101</td>
<td>27</td>
<td>7</td>
</tr>
<tr>
<td>Hereford</td>
<td>3.3/0.8</td>
<td>49</td>
<td>79</td>
<td>20</td>
<td>1.3</td>
</tr>
<tr>
<td>Salers</td>
<td>1.7/0.3</td>
<td>41</td>
<td>77</td>
<td>20</td>
<td>0.3</td>
</tr>
</tbody>
</table>
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

*EPDs are current as of March 2015. Some calving ease EPDs may now be below the 2015 Show-Me-Select minimums shown in the front of the catalog, but were within the guidelines at breeding time.

John & Janet Massey, Aurora 417-718-4631
4, home-raised black, Angus-Simmental cross heifers; closed herd since 1963 other than bull purchases; have used Angus and Simmental bulls both natural and AI service since 1978; preg checked by ultrasound; due to calve September 10 to September 15; our 31st SMS sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS – BMA Forward 030</td>
<td>Angus</td>
<td>14/.30</td>
<td>54/.27</td>
<td>30/.20</td>
<td>100/.26</td>
</tr>
</tbody>
</table>

Mast Farms, Lamar 417-214-4306(C)
13, gentle, home-raised, Gelbvieh x Angus and Gelbvieh x Red Angus heifers; 4 are red 9 black; developed on fescue; synchronized and bred on standing heat; vaccinated with Vira Shield 6+VL5HB; should calve September 20 to October 15; our 14th sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
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</thead>
<tbody>
<tr>
<td>AI – MOGCK Sure Shot</td>
<td>Angus</td>
<td>8/.84</td>
<td>65/.88</td>
<td>33/63</td>
<td>107/.85</td>
</tr>
<tr>
<td>AI – JRI Pld Free Agent 125J3</td>
<td>Gelbvieh</td>
<td>16/.94</td>
<td>56/.95</td>
<td>14/94</td>
<td>79.95</td>
</tr>
</tbody>
</table>

Dream Land Ranch, Drexel dennis.deel@yahoo.com 816-516-3488
10, home-raised Angus/Lim Flex, black heifers; all are AI bred to calve August 30; first time consignor to the SMS sale at Joplin Regional.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
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<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – TC Thunder 825</td>
<td>Angus</td>
<td>15/.75</td>
<td>44/.82</td>
<td>23/38</td>
<td>88/.74</td>
</tr>
<tr>
<td>AI – SAV Beacon 0008</td>
<td>Angus</td>
<td>6/66</td>
<td>67/72</td>
<td>27/27</td>
<td>114/60</td>
</tr>
</tbody>
</table>

Mark McFarland, Stella 417-628-3647 (H) 417-850-0649(C)
9, home-raised, full blood, Gelbvieh heifers reds and blacks that are sold with registration papers; expected calving dates September 11 to November 14; ultrasound preg checked.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – JRI Extra Exposure 285L71</td>
<td>Gelbvieh</td>
<td>17/.93</td>
<td>68/93</td>
<td>22/92</td>
<td>94/93</td>
</tr>
<tr>
<td>AI – BRT Lazy T.V. Sam</td>
<td>Gelbvieh</td>
<td>18/.84</td>
<td>81/85</td>
<td>44/78</td>
<td>111/85</td>
</tr>
<tr>
<td>NS – Brandywine Zeke 235Z</td>
<td>Gelbvieh</td>
<td>11/.31</td>
<td>68/30</td>
<td>34/23</td>
<td>95/31</td>
</tr>
</tbody>
</table>

Wyss & Kruse Farms, Russellville 573-782-4540
15, home raised, ¾ Salers, ¼ Nomande, black and black white faced heifers; gentle and used to electric fencing; AI bred due September 13, NS from September 28 to October 27; our 7th SMS sale.

<table>
<thead>
<tr>
<th>Code-Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
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<tbody>
<tr>
<td>AI - HA Program 5652</td>
<td>Angus</td>
<td>10/.88</td>
<td>60/93</td>
<td>29/83</td>
<td>104/91</td>
</tr>
<tr>
<td>NS – RAF K205 Extra 2110</td>
<td>Angus</td>
<td>9/30</td>
<td>54/29</td>
<td>29/22</td>
<td>99/29</td>
</tr>
</tbody>
</table>

Kunkel Farms, Dale Kunkel, Neosho kunkelfarms@netins.net 417-455-3597
10, home-raised Red Angus and Red Angus x Charolais heifers; expected calving dates are August 10 on AI bred and from September 30 to October 14 on pasture bred; preg checked by ultrasound; we also enter steers in the Missouri Steer Feedout; our 12th SMS sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – LCC Above &amp; Beyond 1300J</td>
<td>Red Angus</td>
<td>21/.92</td>
<td>45/93</td>
<td>30/92</td>
<td>79/93</td>
</tr>
</tbody>
</table>
John Wheeler, Marionville 417-839-4702
45, black baldy, Angus x Hereford heifers raised on a fescue rotational grazing system; power fencing; ultrasound preg tested; synchronized and fixed-time AI bred to calve on September 5; natural bred due September 15 to October 15; 22nd SMS sale. (Service Sires on next page)

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – Hoover Dam</td>
<td>Angus</td>
<td>9/.93</td>
<td>51/.96</td>
<td>28/.87</td>
<td>97/.94</td>
</tr>
<tr>
<td>NS – Valley View Answer 1625</td>
<td>Angus</td>
<td>9/.32</td>
<td>50/.28</td>
<td>21/.21</td>
<td>85/.28</td>
</tr>
<tr>
<td>NS – Valley View Answer 3627</td>
<td>Angus</td>
<td>13/.32</td>
<td>56/.29</td>
<td>22/.22</td>
<td>95/.29</td>
</tr>
</tbody>
</table>

Don Hounschell, Stark City 417-825-6031
15, home-raised Angus and Angus x Hereford heifers; black heifers are sired by Advantage or SAV Bismarck 5682 popular Angus AI sires; the Angus x Herefords are Tier Two eligible sired by MSU TCF Revolution 4T; ultrasound preg checked; synchronized, AI bred due August 7; natural bred due September 10 to 25th; our first SMS sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – GAR Prophet</td>
<td>Angus</td>
<td>11/.85</td>
<td>79/.90</td>
<td>27/.44</td>
<td>139/.84</td>
</tr>
</tbody>
</table>

Kathy Wheeler, Marionville 417-839-4702
10, Angus and Angus x Hereford heifers; raised on fescue rotational grazing system; used to power fencing; ultrasound preg checked to calve September 5 from synchronized, AI service; natural bred due September 5 to November 27.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
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<tbody>
<tr>
<td>NS – Valley View Answer 1625</td>
<td>Angus</td>
<td>9/.32</td>
<td>50/.28</td>
<td>21/.21</td>
<td>85/.28</td>
</tr>
<tr>
<td>NS – Valley View Answer 3627</td>
<td>Angus</td>
<td>13/.32</td>
<td>56/.29</td>
<td>22/.22</td>
<td>95/.29</td>
</tr>
</tbody>
</table>

Sampson Farm, Jim & Jane, Hartville 417-741-6615
12, home raised black Angus-Simmental cross heifers; our 14th SMS sale at Joplin; expected calving dates from natural service September 7 to November 30.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS – Buford Net Return A910</td>
<td>Angus</td>
<td>8/.05</td>
<td>50/.05</td>
<td>27/.05</td>
<td>80/.05</td>
</tr>
<tr>
<td>NS – Buford Net Return A922</td>
<td>Angus</td>
<td>8/.05</td>
<td>50/.05</td>
<td>27/.05</td>
<td>80/.05</td>
</tr>
<tr>
<td>NS – MMM 170X Zato Z 06 Polled Hereford</td>
<td>5.4/P</td>
<td>37/P</td>
<td>14/P</td>
<td>50/P</td>
<td></td>
</tr>
</tbody>
</table>

Gilmore Farms – Richard Gilmore, Aurora rgilmore@centurytel.net 417-678-1015
10, black, Angus x Gelbvieh cross heifers; synchronized and bred to calve September 18; cleanup bred due October 29 to November 18; preg tested by ultrasound; our 5th SMS sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI – Connealy Black Granite</td>
<td>Angus</td>
<td>15/.72</td>
<td>65/.80</td>
<td>33/.25</td>
<td>113/.69</td>
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<tr>
<td>AI – Hoover Dam</td>
<td>Angus</td>
<td>9/.93</td>
<td>51/.96</td>
<td>28/.87</td>
<td>97/.94</td>
</tr>
<tr>
<td>NS – TWOOF Focus on Grade 824</td>
<td>Angus</td>
<td>15/.32</td>
<td>48/.29</td>
<td>23/.23</td>
<td>91/.29</td>
</tr>
</tbody>
</table>

Bart Renkoski, Purdy lrenkoski@gmail.com 417-632-4353
9, home-raised; ½ Angus, ¼ Gelbvieh & ¼ Simmental heifers that will calve at 24 months; synchronized and AI bred fixed-time to calve August 13; 8 heifers are black and one red; natural bred is due September 7; preg checked by ultrasound; our 9th SMS sale.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
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<th>Milk/Acc</th>
<th>YW/Acc</th>
</tr>
</thead>
</table>
AI – GAR Prophet  
Angus  
11/.85  
79/.90  
27/.44  
138/.84
NS – JRI Perfect 285A27  
Balancer  
20/.31  
58/.30  
24/.23  
95/.32

Robert Miller, Aurora  
417-229-3519
14, home-raised; mostly red and red white-faced; heifers due to calve at 30 months of age; sired by red Gelbvieh with dams Simmental or Angus crosses; all are pasture bred due from August 31 to October 20; preg checked by ultrasound and some carry fetal-sexed pregnancies; a SMS cooperator since 2008.

Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---

Covert Cattle Co., Lee Covert, Buffalo  
636-579-9024
12, home-raised, black Balancer heifers; used to electric fencing on our rotational grazing system, synchronized and time bred to calve September 10; have been using Seedstock Plus genetics for two generations; our first SMS sale.

Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
AI – S B Arnold 225W | Balancer | 16/.60 | 85/.64 | 24/.43 | 140/.65

Grellner Farms, Richard Grellner, Owensville  
573-437-2445
30, home-raised Angus and black baldy heifers; some are Tier Two eligible; we’ve been improving our genetics for 30 plus years and have carcass data that indicates Choice and Prime carcasses from our cattle sold through U.S. Premium Beef; synchronized AI heifers are due to calve August 27; natural service due dates are from September 11 through October 26; most have been fetal sexed via ultrasound; first SMS sale.

Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
AI – Hoover Dam | Angus | 9/.93 | 51/.96 | 28/.87 | 97/.94

Circle S Chicks, LLC, Stark City  
417-489-0039
9, purebred certified Red Angus heifers; pasture bred to calve from September 12 to October 28.

Code-Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
NS – Bieber Samurai A485 | Red Angus | 5/.19 | 74/.31 | 18/.18 | 104/.20

Jeff Weatherly, Aurora  
501-912-0082
20, home-raised, Angus and Angus x Hereford heifers; sires of these September, 2013 heifers were Circle A Angus and Oleen Brothers Hereford bulls; dams of these heifers are on a 60-day breeding season; heifers were synchronized and fixed time AI bred to calve on August 26; cleanup bred should calve from September 15 to October 10; some heifers are carrying fetal-sexed pregnancies; first year in the SMS program.

Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
AI – SAV Bismarck 5682 | Angus | 13/.95 | 58/.97 | 23/.94 | 97/.96
AI – TH122 711 Victor 719T | Polled Hereford | 7.8/.73 | 63/.91 | 31/.74 | 89/.90
NS – Circle A In Focus 1245 | Angus | 10/.32 | 56/.29 | 21/.22 | 95/.29

Sam Schaumann, Billings  
ssamps50@aol.com  
417-425-0425
8, home-raised Red Angus-sired heifers due to calve at 30 months; all were pasture bred to calve from September 15 to October 10; ultrasound preg checked; all heifers are either solid red or some have white on faces; this is our 14th SMS sale.

Service Sire | Breed | BW/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
NS – MSR 3771A of 6205 S ConQ | SimAngus | 15/.25 | 59/.33 | 28/.22 | 98/.37

Dale & Jason Bilyeu, California  
mbilyeu60@gmail.com  
573-796-2879
20, heifers, 5 are Normande x Angus and 15 are Angus; gentle and trained to electric fencing; all were pasture bred with due dates from September 1 to November 15; our 4th sale for SMS at Joplin.

Code-Service Sire | Breed | CE/Acc | WW/Acc | Milk/Acc | YW/Acc
---|---|---|---|---|---
NS – MJR Zion 75Z | Salers | 1.6/.08 | 43/ | 25/ | 83/
16, home-raised, black Angus x Simmental; we’ve been using AI since 1994 and all these heifers were synchronized and AI bred to calve September 6 or 26th and October 1; all heifers are Tier Twos and their pregnancies have been fetal sexed; the sires of the heifers are Advantage (Angus) and Stetson (Simmental) their dam’s sires are Predestined (Angus) and Legacy (Simmental); herd mates in past years have been top gainers and high quality yield graders in the carcass in the Missouri Steer Feedouts; first year in the SMS program.

<table>
<thead>
<tr>
<th>Service Sire</th>
<th>Breed</th>
<th>CE/Acc</th>
<th>WW/Acc</th>
<th>Milk/Acc</th>
<th>YW/Acc</th>
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</thead>
<tbody>
<tr>
<td>AI – Cole Cedar Ridge IV</td>
<td>Angus</td>
<td>14/.86</td>
<td>45/.90</td>
<td>35/.64</td>
<td>78/.84</td>
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