NORTH CENTRAL & NORTHWEST MISSOURI SHOW ME SELECT BRED HEIFER SALE

SATURDAY, DECEMBER 1, 2007
1:00 P.M.
GREEN CITY LIVESTOCK MARKET
GREEN CITY, MO

“AN EXCELLENT SET OF 200 BRED HEIFERS RAISED IN THE GREEN HILLS OF MISSOURI…an area known nationwide for the superior feeder cattle and replacement females produced there!”
Welcome to the seventh North Central Show -Me Select Replacement Heifer Sale. The participating producers along with the help and assistance of their veterinarians and regional and state Extension specialists have worked hard this past year to bring you a fantastic offering of bred heifers. These heifers have been through as thorough a heifer development program as any in the nation. The program is designed to develop a bred heifer that is a fertile, productive female who should stay a productive member of your cowherd for many years.

Nation-wide the percentage of two year olds who require assistance calving is close to 20%. Producers who purchased SMS heifers through this sale in 2006 reported only having to assist only 8% of the heifers at calving. Eighty-eight percent of these same heifers calved within two weeks of their projected due dates. All the heifers in the sale have been tested and are negative for PI BVD.

There are 200 heifers consigned to this sale. Approximately 95% are black or black white face with the remainder being red and red baldy heifers. There are 18 to 20 registered Angus heifers in the sale and papers will be transferred to the buyer. All the heifers consigned are bred Angus and many of them have been bred A.I. to some of the most popular sires in the breed.

If you have any questions feel free to contact one of us at the numbers listed below. I greatly appreciate your interest in the sale and look forward to seeing you on December 1st.

Sincerely

Chris Zumbrunnen  
Extension Livestock Specialist  
(660) 265 – 4541

Jim Humphrey  
Extension Livestock Specialist  
(816) 324 – 3147

"AN EXCELLENT SET OF BRED HEIFERS RAISED IN THE GREEN HILLS OF MISSOURI...an area known nationwide for the superior feeder cattle and replacement females produced there!"
NORTH CENTRAL & NORTHWEST MISSOURI “SHOW-ME SELECT” REPLACEMENT HEIFER SALE

Saturday, December 1, 2007
Green City Livestock Market – Green City MO

SALE AGENT:
Green City Livestock Market
Highway 129
Green City MO 63545
660-874 - 4146

SALE PROCEDURE:
The sale order was determined by the producer sale committee. Heifers will be sold in uniform lots sorted according to breed type, size, and calving dates. Heifers selling together are expected to calve within a 45-day period. Heifers become the property of the purchaser immediately after the sale. Each animal will be at the purchaser’s risk as soon as sold. The seller 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 fees will be collected by the Green City Livestock Auction and are to be settled before loading the cattle.

GUARANTEE:
All heifers are guaranteed bred and guaranteed to remain pregnant for 30 days after the sale. Calving dates are approximate as females can range two weeks, even if A.I.-bred on the date. Any heifer found open within 30 days of the sale by an accredited veterinarian will be refunded by the consignor. All guarantees are made by the consignor of the cattle and not the sale committee.

HEALTH:
All heifers in this sale have been Brucellosis calfhood vaccinated between 4 and 12 months of age. All heifers in this sale have been bled within 30 days of this sale and tested negative for Brucellosis. Necessary health papers to go to any state will be available on all heifers after this sale.

TAGS:
All heifers in the sale are identified by a special tag that carries the “Show-Me Select” trademark and name. This tag indicates that the heifers have met all of the requirements of the Missouri “Show-Me Select” program.

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.

* University of Missouri Extension
* Commercial Agriculture Program
* MO Department of Agriculture
* Missouri Cattleman’s Association
* College of Veterinary Medicine
* Green City Livestock Market
* Sullivan County University of Missouri Extension Council
* Andrew County University of Missouri Extension Council
Requirements for Heifers in the 2007 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 on sale day, and meet established health guidelines.

Bred Heifers:
Fall 2006:
- 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.

Spring 2007:
- Pre-breeding reproductive examination is performed.
  - reproductive tract scored, pelvic measured, 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.

Fall 2007:
- Heifers are pregnancy examined to determine breeding dates. (Confirm A.I. pregnancy or natural service).
- 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.
- Heifers are examined on sale day by a final screening committee to eliminate blemishes. (scarred eyes, frozen ears, short tails, rat tails)
- Heifers must be a minimum body condition score of 5 (1-9 scale) on sale day. Heifers must be bred to bulls with birth weight 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:

Minimum calving ease EPD’s

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<tr>
<th>Breed</th>
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<tr>
<td>Red Angus</td>
<td>7</td>
<td>Gelbvieh</td>
<td>109</td>
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<tr>
<td>Simmental</td>
<td>11.2</td>
<td>Polled &amp; Horned Herefords</td>
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The Cow That Wasn’t Supposed to Calve Today

Often producers question when a particular cow is due to calve. Most producers have a calving table that projects the calving date of a cow based on the day she was bred. For example a cow bred on May 20th should be due March 1st. Unfortunately cows can’t read and we all know that if they could they wouldn’t follow the directions anyway. Basically a cow will calve when she and the calf decide the time is right.

Work from North Dakota State illustrates that even when cows are bred on the same day there is a range of calving dates. Calving data from a research project involving 462 cows bred on the same date with an expected calving date of March 1st shows 266 or 58% of the cows calves prior to the expected due date, 87 or 18% calved on the due date and 109 or 24% calved March 2nd or after. The cows were bred the same day but the calving season lasted 32 days.

Research work done at several of the University of Missouri Research Facilities has shown very similar results. In trials where low birth weight or easy calving bulls were used and cows bred on the same day have consistently shown calving windows of 20 days with many times 50 to 60% of the females calving prior to the calculated due dates.

The expected calving dates in this catalog are projections based on ultrasound measurements and or veterinary palpitation in conjunction with known artificial insemination dates. Typically heifers such as these bred to low birth weight, calving ease bulls will have shorter gestation lengths and will begin calving earlier than expected. Because of this you need to base your calving management practices on these heifers to begin calving earlier than their listed expected dates.

These heifers have been selected, developed and bred utilizing all the available technology to reduce calving difficulty and enhance rebreeding performance. Our recommendation on heifers such as these is to be ready to possibly start calving 2 weeks prior to their listed due dates in order to have a more successful calving season.
BENNETT ANGUS FARMS
Rick & Jerry Bennett
11727 Ember Dr.
Browning Mo. 64630
(660) 946 - 4332

► 6 registered Angus heifers
► 34 black commercial heifers out of Angus bulls and Angus and Angus cross females.

Heifers were synchronized and bred A.I.
These heifers were all confirmed pregnant to the AI sire

A.I. SERVICE SIRE

BON VIEW NEW DESIGN 878

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HEIFERS DUE:

2/20 to 2/25
► 15 head of Angus cross and BWF heifers out of Angus sires and commercial Angus cows.

These heifers carry the influence of the Gardiner Angus Ranch breeding program.

Heifers were synchronized bred A.I. then a clean up bull was turned in.

**A.I. SERVICE SIRE**

**NET PRESENT VALUE**

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**NATURAL SERVICE SIRE**

**GAR PREDESTINED N6345**

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**HEIFERS BRED A.I. DUE:**
3/10 to 3/15

**HEIFERS NATURAL BRED DUE:**
3/25 to 4/10
David McAtee  
668 NW Hwy C  
Spickard MO. 64679  
(660) 485 - 6576

► 20 commercial Angus heifers out of commercial black cows and Angus bulls.

Heifers were synchronized bred A.I. then a clean up bull was turned in.

**AI SERVICE SIRE**

**BAR EXT TRAVELER 205**

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**NATURAL SERVICE SIRES**

**BAR NEW DESIGN 6016 – G803**

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**BAR GRID MAKER 6098 - 7992**

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**HEIFERS BRED A.I. DUE:**

1/20 to 1/21

**HEIFERS NATURAL BRED DUE:**

1/25 to 2/29
40 head of Black Angus/ Angus Cross heifers,

These heifers are the top end sorted off of 250 heifers from the Rusty Wayman herd at Novinger, MO.

Heifers were synchronized and bred A.I.

These heifers were all confirmed pregnant to the AI sire

A.I. SERVICE SIRE

SITZ NEW DESIGN 349M

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HEIFERS DUE:
3/01
10 head of Commercial Angus Heifers

Gentle, uniform, functional heifers selected from productive black polled dams and proven A.I. sires. Heifers received Scour Guard shots 11/6.

A.I. SERVICE SIRES

BALDRIDGE NEBRASKA 901

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SAF CONNECTION

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NATURAL SERVICE SIRE

SITZ ALLIANCE 7674

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HEIFERS BRED A.I. DUE: 2/5

HEIFERS NATURAL BRED DUE: 2/19 to 3/29
5 home raised Maine/Angus heifers. AI sired by Maine/Angus bulls, dams are Angus and Maine/Angus. Heifers born March 2006.

AI bred and confirmed safe in calf by ultrasound to Mytty In Focus

Calving due dates: Feb. 8, 11, 15, Mar. 2, 12.

Heifers have been scour vaccinated with Bovine Pili Shield +C

**A.I. SERVICE SIRE**

**MYTTY IN FOCUS**

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**HEIFERS DUE:**

2/8 to 3/12
5 head of home raised gentle Angus Cross Heifers

**NATURAL SERVICE SIRE**

Neils Focus 9095 D 6233

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HEIFERS DUE:

2/25 to 3/20
4 head of home raised Simmental X Angus Heifers

Heifers were synchronized bred A.I. then a clean up bull was turned in.

**A.I. SERVICE SIRE**

**HSAF BANDO 1961**

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**NATURAL SERVICE SIRE**

**R & K MIDLAND 613**

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**HEIFERS BRED A.I. DUE:**

*2/5*

**HEIFERS NATURAL BRED DUE:**

*2/11 to 4/19*
► 31 black commercial Angus heifers

These heifers all are out of Nichols Farms Genetics

Heifers were synchronized and bred A.I.

These heifers were all confirmed pregnant to the A.I. sire

**A.I. SERVICE SIRE**

**NICHLS EXTRA H6**

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HEIFERS DUE:

2/16 to 2/24