**SEMO Bull Sale Results**

The 76th Southeast Mo. Performance Tested Bull sale was held on Friday, March 27, at Farmington Livestock Auction. Consignments were up from the fall sale as were prices. Twenty-five bulls sold for an average price of $4,534. There were 4 Charolais, 19 Angus, 1 Gelbvieh, and 1 Simmental bull. Bulls ranged from 13.5 to 25.5 months of age. The top price bull was an Upshot son consigned by Birk Beef Cattle, Jackson, and brought $7,500. Top total consignment also went to Birk Beef Cattle with an average of $5,000 on five head. Seventeen high calving ease bulls sold which met Show-Me-Select requirements. Thank you to our buyers and consignors, both long-time supporters and our new ones! We hope to see you next year or in the fall!

Consignors included:
- Abbott Charolais, Poplar Bluff
- Tim Mueller, Altenburg
- Jim Rhodes, Marquand
- Burgfeld Club Calves, Jackson
- Eggers Stock Farms, Jackson
- Larry P Raney, Oak Ridge
- Pohlman Angus, Oak Ridge
- Rolling Fields Cattle Co., Potosi
- Myers Farm, Oak Ridge
- Teagan Schnurbuechel, Millersville
- Turner Farms, Belgrade
- Andrew Puchbauer, Jackson

Nominations for swine, goat, and lamb exhibitors for the 2015 SEMO District Fair due July 15, 2015 to Cape Co. Extension.

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**Pasture Management**

Ideally, grass needs a minimum of 6 inches of growth before grazing for longevity of stand and summer plant survival. Roots mimic what you see on the surface. Plants that are continually grazed at or below 4 inches without a chance for rest will have short roots. Root development stops as plants set seed, therefore areas that cannot be grazed or cut for hay should be mowed to avoid energy going to seed production.

Grass grown on low phosphorus soils have less root development, less phosphorus, magnesium, calcium, and protein content compared to soils with Bray 1 phosphorus levels of 20 pounds per acre or above. Applying phosphorus on low testing soils has improved magnesium uptake during lush spring growth. Grass tetany has been associated with low phosphorus levels in grass pastures.

Now is also the time to control spring weeds such as thistles and buttercups. Cattle prefer grazing pastures where weeds have been controlled according to a study by Kevin Bradley, MU Extension Weed Scientist. View the link to a video on the study Dr. Bradley conducted: https://www.youtube.com/watch?v=Qy9EBj2vJvw. Products containing 2,4-D, dicamba, triclopyr, picloram, aminopyralid, or pre-mixed products provide good control of spring broadleaf weeds in pasture. These products are safe at labeled rates on grass species but can kill or severely injure desirable broadleaves in grass- legume pasture mixes. Always read label for proper rates, target weeds, and grazing or harvest restrictions.

For more information contact a University of Missouri Extension Center and ask for IPM 1031: "Weed and Brush Control for Forages, Pastures, and Noncrops." You can also find it on the web at: http://extension.missouri.edu/p/ipm1031

Anthony Ohmes, Agronomy Specialist, University of Missouri, Jackson, MO.

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**Grass Tetany: Put out High Mg mineral for cattle grazing lush, spring pastures.**

Grass tetany is cheap and easy to prevent. Don’t lose cattle because you are trying to save a few bucks. Cattle need to consume approximately 2oz/hd/day of Mg. Mineral should be 20% magnesium. Palatability of Mg supplements varies so monitor that cattle are consuming free-choice mineral.

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**SEMO Livestock News**

**Show-Me-Select Heifer Sale: May 2, 2015**

Southeast Missouri is hosting its 16th SHOW-ME-SELECT Replacement Heifer Sale for Fall Calving at Freitaland, MO on May 2, 2015. The May sale offers home-raised females, of which many originate from herds with generations of stocked pedigrees and superior genetic lines. New to this sale is our offering of purchased commercial heifers. We have over 80 purchased heifers consigned, many of them bred to high accuracy AI sires with great carcass characteristics and high SB.

Once again, consigners have brought an exceptional line-up of heifers. This year 227 heifers are available. There are 224 Black or BWF, 2 BWF, and 1 Red heifer. Registered females include: 53 Angus, 4 Black Herefords, 9 Simmental, and 3 SimAngus. This group of heifers is 70% A.I. bred, 90% fetal sexed, and 25% qualify for Tier II. The heifers will be sold in uniform lots according to breed, color, size, calving date and fetal sex when available.

This will be the second largest fall-calving sale since 2008. This is a true southeast MO sale, with all participants from the southeast region, many of which are long-time Show-Me-Select consignors. If you are interested in a catalog please contact our office 573-243-3581 or visit our website: SEMOBeef.com. The catalog includes footnotes from the consignors and EPD accuracy on available sires.

**CONSIGNORS INCLUDE:**
- Birk Cattle Company LC, Jackson
- Burgfeld Club Calves, Jackson
- Glenn Bick Farms, Jackson
- Eggers Stock Farms, Jackson
- Floyd Ferrell, Sikeston
- Chas Gray, Sikeston
- Mike Kasten, Millersville
- Lucy P Ranch, Oak Ridge
- Libbeyville Farms, Farmington
- Masters Farms, Inc., Cape Girardeau
- McClure Farms LLC, Perryville
- Richarder Farms, Perryville
- Railroad Ridge Angus, St. Mary
- Eli Sample, Annauples
- SEMO University, Cape Girardeau
- Turner Farms, Belgrade
- Twin Oaks Simmental, Oak Ridge
- Underwood Simmentals, Bloomfield

**Tier II sires include:**

**Featured AI bulls include:**
- Hoovers Dam, Syden Liberty, GAR Prophete, Connealy Impression, PA Power Tool, SAV Angus Valley, EXAR Upshot, EF Complement, MOGCK Sun Shot, Circle A Incentive, ER Complement, VAR Reserve, O’Reilly Factor, Syden Touchstone, and Ranch Hand.

**Upcoming Events:**
- April 21 – Extension office closed (mandatory training)
- April 22-23 – Solar Meeting (see below)
- April 29 – Farm Day
- May 2 – Show-Me-Select Heifer Sale
- May 30 – Free Pesticide Collection (see below)

**Solar Information Meeting**
Solar for Farm, Home, Business April 22 and 23: 6:30-8:30 PM both nights Greenville High School Contact: Joel Tatsum, 573-224-5000 ext 8 tatsumj@missouri.edu

**Free Pesticide Collection** For MO farmers and households Saturday, May 30, 2015 8:00 AM–1:00 PM @ Fisher Delta Research Center 147 West Highway T, Portageville, MO