



Show-Me-Select Bred Heifer Sale

Crossbred & Purebred Spring-Calving Heifers

Friday, December 8, 2017

7:00 P.M.

Farmington Livestock Auction

1600 Woodlawn Dr., Farmington, MO 63640

109 BRED HEIFERS AVAILABLE:

- Artificially inseminated and natural bred heifers available some with known fetal sex.
- A few Tier II and registered Angus heifers available.
- 96% black or black-white-face.
- Sorted into uniform lots by breed, color, size, calving date, and some fetal sexed lots.
- Heifers have met minimum standards for reproductive soundness, pelvic size, and vaccinations.
- Heifers have been bred to bulls meeting strict calving ease/birth weight EPD requirements.

CONSIGNORS:

Ben & Julie Davis, Farmington
Deer Creek Cattle Co., LLC, Clarksville
Graham Family Farm, LLC, Farmington
Grellner Farms, Owensville

Kenny & Sharon Kollmeyer, Farmington
Turner Farms, Belgrade
Dean & Dallas Wilson, Dittmer

CONTACT INFORMATION:

Kendra Graham (573) 756-4539
grahamkk@missouri.edu

Catalog: www.extension.missouri.edu/stfrancois

SALE AGENT:

Farmington Livestock Auction, Inc.
Keith Robertson, (314) 560-3285

Show-Me-Select Replacement Heifers, Inc. a non-profit organization in cooperation with:

University of Missouri Extension—College of Agriculture, Food and Natural Resources—Division of Animal Sciences—Commercial Agriculture Program—
MU College of Veterinary Medicine—Missouri Cattleman's Association—Missouri Department of Agriculture

Dear Prospective Buyers and Guests,

We would like to welcome you to attend the East Central Missouri Region Show-Me-Select sale at the Farmington Livestock Auction in Farmington, Missouri. The sale will begin at 7 p.m. on Friday, December 8, 2017 with heifers available for viewing in their respective sale lots after 3 p.m. Seven producers have worked diligently to bring you a set of high-quality heifers.

The Show-Me-Select heifer program is a nationally recognized educational program that helps producers develop and market productive females that can remain in your herd for years. Each heifer has went through a strict health and reproductive protocol to help reduce calving difficulty. All heifers are free of blemishes, have good dispositions and are tested negative for PI BVD.

This sale offers an excellent variety of heifers including registered and commercial black Angus, black-white-face Angus cross, SimAngus cross and gray Angus cross breeds. Many of these heifers are AI bred to some of the most popular sires in their respective breeds.

Consignors in this catalog are listed in alphabetical order and a sale order will be available sale day. If you have any questions please feel free to contact the consignors or myself for more information. The catalog is available on our website at www.extension.missouri.edu/stfrancois or you can visit our Facebook page searching for Show Me Select Bred Heifer Sale: Farmington.

Sincerely,

Kendra Graham

University of Missouri Extension

Livestock Specialist

grahamkk@missouri.edu

(573) 756-4539

SALE INFORMATION

Sale Agent - Farmington Livestock Auction, LLC

SALE PROCEDURE

The sale order was determined by a random draw of consignors for a position in the rotation. Each consignor selected the order of their lots. Heifers will be sold in uniform lots according to breed, type, and size. Heifers in each lot are expected to calve within 45 days of each other. Heifers become the property of the purchaser immediately after the sale. Each animal will be at the purchaser's risk as soon as sold. No cattle will be loaded until the conclusion of the sale. All fees will be collected by Farmington Livestock Auction, LLC and are to be settled before loading cattle.

GUARANTEE

All heifers guaranteed bred and are guaranteed to remain pregnant for 30 days after the sale. Due dates are approximate. Females can range 2 weeks or more around the due date even if they were AI bred on the same day. Heifers were pasture exposed to bulls after AI. Any heifer found open by an accredited veterinarian will be refunded by the consignor. Heifers are guaranteed against genetic defects on first calf only if inspected and documented by a veterinarian or accredited DNA test. All guarantees are made by the consignor of the cattle and not the sale committee, St. Francois County Extension or Farmington Livestock Auction, LLC.

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 heifers have met all of the requirements of the Missouri "Show-Me-Select" replacement heifer program. Some heifers may carry a white Show-Me-Select tag. This identifies them as Tier Two heifers which is explained in more detail later in 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.

University of Missouri Extension	St. Francois County Extension Council
College of Veterinary Medicine	East Central Cattlemen's Association
Missouri Department of Agriculture	Missouri Cattleman's Association
Commercial Agriculture Program	Missouri Show-Me-Select Heifers, Inc.
Farmington Livestock Auction, LLC	

****HEALTH NOTICE****

All heifers in this sale have been Brucellosis calfhood vaccinated between 4 and 12 months of age. Necessary health papers will be available on all heifers to go to any state after the sale. All heifers have tested negative for BVD-PI.

Requirements for Heifers in the 2017 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 above established calving ease EPD's minimums, have a minimum pelvic area of 150 cm² at prebreeding or 180 cm² at pregnancy examination, be a minimum body condition score of 5 and a maximum of 8 on sale day, and meet established health guidelines.

Weaning:

- 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.

Pre-Breeding:

- 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.

Pregnancy Exam:

- 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 and not have an undesirable disposition.
- Tested negative for BVD-PI.

Sire Requirements:

Heifers must be bred to bulls with birth weight or calving ease EPD's that meet 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:

<u>Breed Group</u>	<u>Percentile Requirement</u>
Angus	CED ≥7.0
American	Upper 20%
British	Upper 30%
Continental	Upper 15%
Hybrid	Upper 15%

<u>Service Sire Breed</u>	<u>2017 Minimum calving ease EPD</u>
Angus	7.0
Balancer	16.0
Charolais	7.9
Gelbvieh	13.0
LimFlex	13.0
Limousin	10.0
Hereford	2.9
Red Angus	9.0
Shorthorn	8.0
SimAngus	15.0
Simmental	12.8

Using this Catalog:

Expected Progeny Differences (EPDs): provide a genetic value predicting the performance of future offspring for each animal as a way to compare animals within a breed. Information from the animal's individual performance, offspring performance and performance from other relatives go into calculating EPDs. Each EPD is reported in the same unit of measure as the trait i.e. weaning weight is reported in pounds. These numbers are a tool for breeders to utilize to help them decide what traits are important to their program and how they can make changes in their herd.

Accuracy: is the reliability that can be placed on an EPD. Accuracy is reported as a decimal number between zero and one with larger numbers indicating higher accuracy and more certainty the EPD will not change as more progeny information is obtained. Accuracies of .20 and below are typical of non-parent bulls. Genomic (DNA) testing of bulls will increase accuracy values.

EPD Definitions:

Birth Weight EPD (BW): The expected difference 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 Direct (CED): Expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers.

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 and post-weaning growth rate.

Maternal Milk EPD (Milk): The expected difference in average weaning weight (lbs) of daughter's calves 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.

Carcass Weight (CW): Expressed in pounds is a predictor of the differences in hot carcass weight of a sire's progeny compared to progeny of other sires.

Marbling EPD (Mrb): Expressed as a fraction of the difference in USDA marbling score of a sire's progeny compared to progeny of other sires.

Ribeye Area EPD (REA): Expressed in square inches, is a predictor of the difference in ribeye area of a sire's progeny compared to progeny of other sires.

Fat Thickness (Fat): Expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire's progeny compared to progeny of other sires.

	<u>Trait</u>	<u>Accuracy</u>
Tier 2 Classification: Heifers will be eligible to qualify for Tier 2 in the Show-Me-Select Replacement Heifer Program based on the following minimum accuracies of the heifer's sire at the time of sale for the respective traits listed at right.	Calving ease (direct)	.65
	Calving ease (maternal)	.30
	Weaning weight	.75
	Carcass Weight	.20
	Marbling	.20



Show-Me-Plus Classification: Heifers tested with a heifer genomic prediction panel approved by University of Missouri Extension will be given the designation of a Show-Me-Plus Heifer. These include breed association GE-EPD, GeneMax, Maternal Edge, Herd Navigator, Igenity Gold, Igenity Silver, Method Choice, and Method Commercial tests. Heifer DNA samples must be submitted and paid for two months prior to sale date.

Ben and Julie Davis

21932 Colony Church Rd.

Farmington, MO 63640

(573) 701-9193

12 Angus Crossbred Heifers

- Black natural bred

- 12 black natural bred to ROL Eclipse 134 Angus bull due to calve between 1/26/18 and 3/22/18, unknown fetal sex pregnancies.
- All of these heifers are home raised. They are all black Angus cross bred to a Power Tool son out of a SydGen Burgess cow. They are born and developed in a rotational grazing system where we approach year-round grazing. We are around our cattle all the time so disposition has to be great. They are made to survive on fescue, from weaning to preg check. We cull heifers that don't excel. The steer mates have performed great in the feedlot and make a high-quality carcass.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>Natural Service Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
ROL Eclipse 134	13	1.5	49	94	37	.62	.68	-.008	141.55
Angus: 17893336	(.36)	(.53)	(.47)	(.42)	(.34)	(.39)	(.39)	(.36)	

Deer Creek Cattle Co., LLC

25795 Pike 244

Clarksville, MO 63336

(314) 965-2226

www.deercreekcattlecompany.com

22 SimAngus Crossbred Heifers

- 19 Black

- 3 Black-white-face

- 14 black AI bred to Connealy Uptown 098E Angus bull due to calve on 2/25/18.
- 5 black natural bred to SimAngus bulls B716, Redhill 605Z or Redhill 225Z due to calve between 3/20/18 and 3/25/18.
- 3 black-white-face AI bred to Connealy Uptown 098E Angus bull due to calve on 2/25/18.
- A nice group of SimAngus heifers with proven genetics developed according to our “elite heifer development program”. Emphasis is placed on maternal heritability and being adapted to fescue.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>AI Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Connealy Uptown 098E Angus: 16896296	14 (.71)	0 (.89)	66 (.87)	113 (.81)	36 (.55)	.38 (.55)	.81 (.54)	-.017 (.55)	121.87
<i>Natural Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>API</i>
B716** SimAngus: 2906607	14.2 (.21)	.8 (.35)	60.3 (.19)	90.3 (.19)	24.3 (.19)	.42 (.19)	.78 (.19)	-.017 (.19)	133.6
<i>Natural Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>API</i>
Redhill 605Z 47X 76C SimAngus: 3009913	17.4 (.28)	-3.5 (.43)	54.8 (.38)	79.5 (.42)	25 (.24)	.56 (.40)	.90 (.32)	.000 (.26)	158.1
<i>Natural Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>API</i>
Redhill 225Z 8A 55C SimAngus: 3009963	21.9 (.28)	-4.9 (.43)	53.5 (.31)	96.6 (.33)	23.8 (.23)	.88 (.39)	.68 (.31)	-.029 (.24)	177.1

** B716 natural service bull had a CED of 15+ at the beginning of the breeding season.

Graham Family Farm, LLC

Kenny & Sheri Graham
 7956 Old Coffman Rd.
 Farmington, MO 63640
 (573) 756-4444

27 Angus Crossbred Heifers

- 24 Black
 - 3 Black-white-face

- 8 Black AI bred to EF Complement due 2/27/18, 6 male and 2 female pregnancies
- 17 Black & black-white-face natural bred due 3/18/18 to 4/22/18, 7 female, 4 male and 6 unknown pregnancies.
- 2 Black-white-face AI bred to EF Complement due 2/27/18, both female pregnancies.
- 8 Tier II heifers
- Note that heifers are AI or natural bred to EF Complement or his sons to create uniformity in the calves.
- EF Complement 8088 is a maternal bull ranking in the top 5% of the breed for milk and top 10% of the breed for docility. Don't overlook his top 10% ranking.
- Natural service sires are genomic tested for higher accuracy EPDs. They both rank in the top 20% of the Angus breed for calving ease & the top 10% of the breed for docility.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>AI Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
EF Complement 8088 Angus: 16198796	11 (.87)	.1 (.95)	59 (.94)	111 (.92)	33 (.83)	.68 (.76)	.38 (.73)	.078 (.76)	130.04
<i>Natural Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
LF Complement 501 Angus: 18246275	10 (.34)	-.1 (.52)	54 (.46)	89 (.41)	29 (.32)	.46 (.36)	.22 (.36)	.066 (.33)	99.10
LF Complement 502 Angus: 18246276	11 (.35)	.4 (.52)	56 (.46)	95 (.42)	21 (.32)	.77 (.37)	.30 (.37)	.039 (.33)	132.35

Grellner Farms

Rick Grellner
 1605 Bem Church Rd.
 Owensville, MO 65066
 (573) 437-2445

20 Crossbred Heifers

- 15 Black
 - 5 Black-white-face

- AI and natural bred heifers available.
- AI heifers bred to VAR Reserve 1111 due to calve 3/1/18.
- Natural heifers bred to FTF Brilliance 2431Z or Circle A Windy 5121 and due to calve between 3/15/18 and 4/14/18.
- Most heifer pregnancies will have known fetal sex.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>AI Service Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
V A R Reserve1111 Angus: 16916944	9 (.87)	.7 (.96)	51 (.95)	92 (.92)	20 (.80)	.79 (.67)	.77 (.64)	-.038 (.68)	122.46
<i>Natural Service Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Circle A Windy 5121 Angus: 18193083	12 (.23)	-.5 (.36)	49 (.32)	87 (.30)	22 (.16)	.56 (.25)	.39 (.28)	.015 (.25)	93.62
<i>Natural Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
FTF Brilliance 2431Z Angus: 17565737	10 (.23)	.2 (.29)	42 (.27)	76 (.26)	27 (.21)	.32 (.24)	.33 (.27)	.020 (.23)	77.99

Kenny & Sharon Kollmeyer

2766 Hwy OO
 Farmington, MO 63640
 (573) 756-6900
 Cell: (573) 631-6798

13 Angus Cross Heifers

- 12 Black
- 1 Black-white-face

- 8 Black Angus cross natural bred due 2/11/18 to 2/21/18, female pregnancies.
- 1 Black Angus cross natural bred due 1/27/18, male pregnancy.
- 3 Black Angus cross natural bred due 2/26/17 to 3/28/17, unknown fetal sex pregnancies.
- 1 Black-white-face Angus cross natural bred due 3/18/18, unknown fetal sex pregnancy.
- Heifers are home-raised in a fescue-based rotational grazing system. The natural service bulls used are 1/2 brothers to create uniformity in the calves.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>Natural Service Sire</i>	<i>CEB</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Birk's Insight 525 Angus: 18659768	10 (.25)	1.2 (.34)	58 (.30)	107 (.29)	27 (.22)	.40 (.05)	.86 (.05)	.008 (.05)	145.95
<i>Natural Service Sire</i>	<i>CEB</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Birk's Insight 503 Angus: 18750998	9 (.24)	.6 (.33)	58 (.30)	107 (.28)	25 (.20)	.17 (.05)	.99 (.05)	.001 (.05)	131.33

Turner Farms

Jon & Mary Ann Turner

10511 St. Hwy JJ

Belgrade, MO 63622

(573) 766-5361

<https://turnerangus.farm/>



3 Registered Black Angus Heifers

- 2 AI bred

- 1 Natural bred

- All three heifers are Registered Black Angus and have been GGP-LD genomic tested.
- All have been AI'd and then pasture exposed to Briarwood Mr Bismarck 5014, a son of S A V Bismarck 5682.
- Two pregnancy checked AI bred; one natural service bred.
- One Tier-2 daughter of Connealy Courage 25L; natural bred to Briarwood Mr Bismarck 5014; due around 4/17/18
- Two daughters of SydGen Forward 1568; AI bred to Deer Valley All In; due 2/6/18 and 2/8/18; fetal sexed heifer calves

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>AI Service Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Deer Valley All In Angus: 17307074	11 (.89)	.4 (.96)	74 (.95)	128 (.93)	21 (.72)	.65 (.75)	.71 (.72)	-.031 (.75)	142.29
<i>Natural Service Sire</i>	<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Briarwood Mr Bismarck 5014 Angus: 18281356	10 (.26)	.6 (.35)	63 (.31)	112 (.30)	26 (.19)	.45 (.24)	.61 (.28)	.015 (.24)	145.64



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Dean & Dallas Wilson

9400 Jim Wilson Rd.

Dittmer, MO 63023

(636) 944-3556

12 Crossbred Heifers

- 8 Black Angus cross

- 4 Gray Angus cross

- 7 AI bred to EF Commando 1366 due 3/4/18, 4 male and 3 female pregnancies.
- 5 natural bred to Turner Farms Weigh Up due 3/22/18, 2 male and 3 female pregnancies.

Service Sires		Expected Progeny Differences (EPDs) & Accuracies							
<i>AI Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
EF Commando 1366 Angus: 17082311	13 (.85)	-1.0 (.94)	58 (.93)	97 (.84)	27 (.36)	.90 (.48)	.73 (.49)	.039 (.49)	120.11
<i>Natural Service Sire</i>	<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>Milk</i>	<i>Mrb</i>	<i>REA</i>	<i>Fat</i>	<i>\$B</i>
Turner Farms Weigh Up 4-752 Angus: 18134139	9 (.23)	.5 (.35)	62 (.32)	113 (.30)	26 (.22)	.41 (.22)	.88 (.26)	-.038 (.22)	165.13

Participating Show-Me-Select Veterinarians

Dr. Justin Nash
2094 Hwy 100
Hermann, MO 65041
573-486-2515

Dr. Andre Oberle
4730 Flat River Rd.
Farmington, MO 63640
573-756-9400

Dr. Dallas Wilson
9400 Jim Wilson Rd.
Dittmer, MO 63023
573-289-4451

Participating Show-Me-Select Consignors

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