



Northeast Missouri

# "Show-Me-Select" Bred Heifer Program

**Developing Quality Replacement Heifers  
for  
Tomorrow's Beef Industry**

***"Show-Me-Select"  
Bred Heifer Sales***

Spring-calving heifers:  
**Second Saturday in December -  
12:30 p.m.**

**F & T Livestock Market**  
Palmyra, Missouri

**Northeast Missouri "Show-Me-Select" Replacement Heifer Program**

### ***Show-Me-Select Objectives***

- Increased adoption rate by farmers in Missouri of management practices that offer potential to improve long-term reproductive efficiency of their herds and resulting profitability.
- Improved heifer development programs through a Total Quality Management approach.
- Increased marketing opportunities for and add value to Missouri-raised heifers.
- Creation of reliable sources of quality replacement heifers in terms of genetics and management.



### ***Show-Me-Select Weight/Conditions***

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- Bred heifers consigned to sale must weigh 800 lbs. and have a min. body condition score of 5.
- Heifers are free of blemishes (pinkeye scar, rat-tails, bob-tails, frozen ears, horns).
- Heifers screened for frame, muscle, structural soundness, disposition, and general sale acceptance.



### ***Show-Me-Select Health Program***

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- Calfhood vaccination against Brucellosis (Bangs).
- **Weaning**  
Heifers vaccinated for IBR, BVD, PI<sub>3</sub>, BRSV and 7-way Clostridia. Heifers vaccinated at 5 months of age or older according to label direction.
- **Prebreeding**  
Heifers vaccinated against Leptospirosis (5-way) and Vibriosis, 30-60 days prior to breeding season. Booster vaccine against IBR and BVD given.
- **Pregnancy Check**  
Booster vaccination against Leptospirosis (5-way) given.
- **30-Day Pre-Sale Check**  
(Sale heifers only) Heifers are blood tested negative for Brucellosis, treated for internal and external parasites, re-pregnancy checked and booster vaccinated against Leptospirosis (5-way).



### ***Show-Me-Select Reproductive Traits***

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- Heifers have a prebreeding pelvic measurement of 150 cm<sup>2</sup> or greater or 180 cm<sup>2</sup> at pregnancy check.
- Bred heifers consigned to sale are guaranteed to be safe in calf and will calve prior to May 1..
- Heifers have been bred to bulls of known ID and Breed. Bulls have complete EPD information, with major emphasis on birth weight and calving ease EPDs.

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:

<b>EPD's Guidelines</b>			
<b>Max. Birth Wgt. EPD</b>		<b>Min. Calving Ease</b>	
Balancer	-1.5	Angus	+7.0
Beefmaster	-0.4	Braunvieh	+2.9
Brangus	-0.8	Charolais	+7.9
Maine Anjou	+1.0	Gelbvieh	+109.0
Maine Tainer	+0.5	LimFlex	+10.0
Red Polled	+0.0	Limousin	+12.0
Sim Angus	-2.0	Polled & Horned Hereford	+1.7
South Devon	-1.1	Red Angus	+9.0
		Salers	+0.9
		Shorthorn	+2.16
		Simmental	+10.1
		Tarentaise	+3.3

Accuracy values for birth weight and calving ease EPD's are required for all bulls that are used in conjunction with artificial insemination and must be a minimum of 0.6 on a scale from zero to 1.



*A group of Show-Me-Select heifers during the breeding season*

### **Show-Me-Select Calving Results**

<b>1997-2009 Calving Survey Results</b>		
Number of Heifers	3461 hd	
Assistance required*	385 hd	11.1 %
Abnormal position	53 hd	1.5 %
# Calves born dead**	190 hd	5.5 %
# Heifers calved within two weeks of projected date		89 %
*National average assistance for 2 yr. old heifers is 22 - 28 % ** National Average death loss-2 yr. old heifers is 8-10%		

### **Show-Me-Select Contacts**

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### **Show-Me-Select Sponsors**



- Missouri Beef Cattle Improvement Association
- University of Missouri Extension Dev. Fund
- Commercial Agriculture Program
- Missouri Cattlemen's Association
- MO Department of Agriculture
- MU College of Veterinary Medicine
- NEMO Cattlemen's Association
- F & T Livestock Market
- Ralls Co. University of Missouri Extension