

CLEMSON UNIVERSITY

# IRM BEEF PRODUCTION SYSTEMS

Edisto Research & Education Center

<http://www.clemson.edu/edisto/beef/beef.htm>

## Angus 1<sup>st</sup>-Calf Heifer Development

### 2003 Management Plan

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#### September 1, 2002 - November 14, 2002

1. Feed Program

- A. Graze coastal bermudagrass pasture

#### November 15, 2002 - March 31, 2003

1. Feed Program

A. **Dry, pregnant heifers**

- 1) Cottonseed - 5 lbs/day  
2) Free-choice coastal bermudagrass hay

B. **Heifers with calves - moved to winter grazing ASAP after calving**

- 1) Winter grazing - available  
A) Grazing only  
2) Winter grazing - not available  
A) Cottonseed - 5 lbs/hd/day  
B) Free-choice coastal bermudagrass hay

2. January 9 - March 10

A. **61-day calving season**

- 1) **Calves at birth**  
A) Weighed  
B) Tattooed  
C) Ear tagged  
D) Castrate bull calves  
E) Dip navel in iodine

3. March 24

A. **Herd Health Program**

- 1) Vaccination  
A) Vibriosis + 5-way Leptospirosis  
2) Deworm

B. **Estrus Synchronization Program**

- 1) GnRH injection - *heifers that calved by February 4<sup>th</sup>*

4. March 31

**A. Estrus Synchronization Program**

- 1) Lutylase - *heifers that received GnRH on March 24<sup>th</sup>*
- 2) GnRH - *heifers calving from February 5<sup>th</sup> - 11<sup>th</sup>*
- 3) Tail paint - *all heifers*

**April 1, 2003 - May 31, 2003**

1. **Feed Program**

- A. Ryegrass grazing or coastal bermudagrass pasture

2. **61-Day Breeding Season**

- A. **April 1 - April 30** - 30 days - *Artificial Insemination*  
B. **May 1 - May 31** - 31 days - *Natural breeding season*

3. **April 7**

A. **Estrus Synchronization Program**

- 1) Lutylase - *heifers that received GnRH on March 31<sup>st</sup>*
- 2) GnRH - *heifers calving February 12<sup>th</sup> - 18<sup>th</sup>*

4. **April 14**

A. **Estrus Synchronization Program**

- 1) Lutylase - *heifers that received GnRH on April 7<sup>th</sup>*
- 2) GnRH - *heifers calving February 19<sup>th</sup> - 25<sup>th</sup>*

5. **April 21**

A. **Estrus Synchronization Program**

- 1) Lutylase - *heifers that received GnRH on April 14<sup>th</sup>*

6. **May 15**

A. **Herd Health Program**

1) **Calves**

A) **Vaccinations**

1. IBR, PI3 - *intranasal Modified Live*
2. 5-way Leptospirosis
3. 7-way Blackleg (Clostridials)

B) Deworm

C) Ralgro implant steer calves

**June 1, 2003 - August 31, 2003**

1. **Feed Program**

- A. Graze hybrid pearl millet pastures

2. **August 20**

A. **Heifers**

- 1) Weigh
- 2) Body Condition Score
- 3) Pregnancy Test
- 4) Cull heifers on EPD's, performance, age, soundness, etc.

B. **Keep, Pregnant Heifers**

1) **Herd Health Program**

A) Deworm

C. **Calves**

- 1) Weigh - *for weaning weights*

- 2) Wean calves
- 3) 49-day Preconditioning Program starts
- D. Sell all open and cull heifers - ASAP

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