

Clemson University

IRM BEEF PRODUCTION SYSTEMS
EDISTO RESEARCH & EDUCATION CENTER

2002 Angus Replacement Heifer Development
Management Plan - 2-year-old, 1st-calf Heifers

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September 4, 2001 - November 14, 2001

1. **Feed Program**

- A. Graze coastal bermudagrass pasture

November 15, 2001 - March 31, 2002

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. **61day calving season**

1) **Calves at birth**

- A) Weighed
B) Tattooed
C) Ear tagged
D) Castrate - *all bull calves*
E) Dip navel in iodine

3. **March 1**

A. **Herd Health Program - Heifers and Herd Bulls**

1) **Vaccinations**

- A) 5-way Leptospirosis
B) Vibriosis (Campylobacterosis)

2) Deworm

4. **March 25**

A. **Estrus Synchronization Program**

- 1) Cystorelin injection - all heifers that calved before February 4th

April 1, 2002 - May 31, 2002

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 1**
 - A. **Estrus Synchronization Program**
 - 1) Lutylase injection - all heifers that calved before February 5th
 - 2) Cystorelin injection - all heifers that calved February 5th - February 11th
 - 3) Put on tail paint for heat detection - *all heifers*
4. **April 8**
 - A. **Estrus Synchronization Program**
 - 1) Lutylase injection - all heifers that calved February 5th - February 11th
 - 2) Cystorelin injection - all heifers that calved February 12th - February 18th
5. **April 15**
 - A. **Estrus Synchronization Program**
 - 1) Lutylase injection - all heifers that calved February 12th - February 18th
 - 2) Cystorelin injection - all heifers that calved February 19th - February 25th
6. **April 22**
 - A. **Estrus Synchronization Program**
 - 1) Lutylase injection - all heifers that calved February 19th - February 25th
7. **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) Implant with Ralgro - *steer calves*
 - 2) **Heifers and Herd Bulls**
 - A) Saber pour-on insecticide for fly control

June 1, 2002 - September 3, 2002

1. **Feed Program**
 - A. Graze hybrid pearl millet pasture
2. **June 15**
 - A. Saber pour-on insecticide for fly control
3. **July 15**
 - A. Saber pour-on insecticide for fly control

4. **August 23**

A. **Heifers**

- 1) Weigh
- 2) Body Condition Score
- 3) Pregnancy Test

B. **Keep Pregnant Heifers**

- 1) **Herd Health Program**
 - A) Deworm

C. **Calves**

- 1) Weigh - *for weaning weights*
- 2) Select replacement heifers and steers for preconditioning program

5. **September 2**

A. Wean calves

B. Selected replacement heifers & steers

- 1) Weighed
- 2) 49-day Preconditioning Program starts

C. Sell culled calves - ASAP

D. Sell all open and culled coming 3-year-olds - ASAP

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